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# SITE INVESTIGATION REMEDIAL ALTERNATIVES REPORT

# APPENDICES G-I



FOR

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

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. 2390 Clinton Street **Buffalo, New York 14227** 

And

**URS** Corporation 282 Delaware Avenue Buffalo, New York 14202

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# TABLE OF CONTENTS

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

Data Usability Summary Reports APPENDIX G

Borehole Soil Samples - Analytical Results TCLP Analysis - Tar Sample APPENDIX H

APPENDIX I IRM Documentation

# 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** 

# TABLE OF CONTENTS

			Page No	
I.	INTRO	DDUCTION	. 1	
П.	ANAL	YTICAL METHODOLOGIES	. 1	
III.	DATA	DELIVERABLE COMPLETENESS	. 2	
IV.	HOLD	ING TIMES	. 2	
V.	QUALITY CONTROL DATA			
	A.	Quality Control Blanks	. 2	
	B.	Instrument Tune Criteria	. 2	
	C.	Initial and Continuing Calibrations.	. 3	
	D.	Surrogate/Internal Standard Recoveries	. 3	
	E.	Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank Analyses	. 3	
	F.	Matrix Duplicates (Metals Only) and Blind Duplicates	. 4	
	G.	Laboratory Control Samples (Metals Only)	. 4	
	H.	Contract Required Detection Limit Standards (Metals Only)	. 4	
	I.	Serial Dilutions (Metals Only)	. 4	
	J.	Field Duplicates	. 5	
VI.	SAMPI	LE RESULTS	5	
	A.	Sample Receipt and Preservation	5	
	B.	Sample Dilutions	5	
	C.	Quantitation Limits	5	
	D.	PCB Identification.	5	
VII.	SUMM	ARY	6	

# **TABLES**

Table 1 Summary of Analytical Qualifiers

# **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) 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.

Parameter	Method No.		
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	CLP-M		
Total Cyanide			

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/UJ). 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 reextracted 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"

F:\LOW\_ACTIVITY\_JOBS\35681.00\Word\Trinidad DUSR.doc 04/16/2001 10:53 AM

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)

NYSDEC SAMPLE NO.

# **VOLATILE ORGANICS ANALYSIS DATA SHEET**

Lab Name: FRIEND	LABORATORY, INC.	Contract:	ו ן	P-TP3
				DANAM
	Case No.:			-
Matrix: (soil/water)	SOIL	Lab Sam	ple ID: <u>L62601-</u>	3
Sample wt/vol:	5.2 (g/ml) G	_ Lab File	ID: <u>C3723.</u>	)
Level: (low/med)	LOW	Date Red	eived: 01/11/01	1
% Moisture: not dec.	31.2	Date Ana	alyzed: 01/18/01	 I
GC Column: RTX-62		Dilution I		
Soil Extract Volume:			uot Volume:	
	(=			
		CONCENT	RATION UNITS	<b>;</b> :
CAS NO.	COMPOUND		/Kg) UG/KG	
<b>5</b> 7.5 11 <b>5</b> .	33.12	(29/2 0/ 29	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_ ~
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	e	14	Ü
67-66-3	Chloroform		14	U
107-06-2	1,2-Dichloroethane		14	Ü
78-93-3	MEK (2-Butanone)		14	Ü
71-55-6	1,1,1-Trichloroethane		14	U
56-23-5	Carbon Tetrachloride		14	U
75-27-4	Bromodichloromethane		14	U
				Ü
78-87-5 10061-01-5	1,2-Dichloropropane		14	
	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-Dichloroproper	ne	14	U
75-25-2	Bromoform		14	U
108-10-1	MIBK (4-Methyl-2-penta	none)	14	U
591-78-6	2-Hexanone		14	U
127-18-4	Tetrachloroethene		14	U
79-34-5	1,1,2,2-Tetrachioroethar	ne	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			14	Ü
95-47-6	o-Xylene		14	Ü

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:			Contract:	<u> </u>	
Lab Code:	Case No.:	<del></del>	SAS No.:	SDG No.:	
Matrix: (soil/water)	<del></del>		Lab Sample ID:	: L62601-3	
Sample wt/vol:	(g/mL)		Lab File ID:	c 3723-1	
Level: (low/med)			Date Received:		21111171
% Moisture: not dec			Date Analyzed:		1241171
GC Column:	ID:	_ (mm)	Dilution Factor:		2.60
Soil Extract Volume:	(µL)		Soil Aliquot Vol	ume: (μĹ)	1/23
			CONCENTRAT	ION HAITS:	,

NYSDEC SAMPLE NO.

Number TICs found: 0 (µg/L or µg/Kg) kg Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	19.01	90	3
2.		ALZ	94	
-3.		19.65	90	
4		19.92	t± 170	5 JE
5.		20.13	150	
6.		20.28	110	
7.		2043	100	
8.		20,55	120	
9.		20.88	180	-
10.	#	21.14	50	1
11.			,	
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<sup>**</sup> 22.				
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29.				
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FORM I-CLP-VOA-TIC VM , 1/A2/01

00025

# **1A**

NYSDEC SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

					ТР4	1	
Lab Name: FRIEND LA	BORATORY, INC.	contract:					
Lab Code: 10252	Case No.:	SAS No.:	SDC	3 No.: 1	PANAM		
Matrix: (soil/water) SC	DIL	Lab San	npie ID: Li	62601-9			
Sample wt/vol: 5.6	(g/ml) G	Lab File	ID: C	3748.D			
Level: (low/med) LO			ceived: 0	1/11/01			
% Moisture: not dec. 21.			alyzed: 0				
GC Column: RTX-624	ID: <u>0.53</u> (mm)	Dilution	Factor: 1.	.0			
Soil Extract Volume:	(uL)	Soil Aliq	uot Volum	e:	(u	_)	
<del></del>							
		CONCENT	TRATION	UNITS:			
CAS NO.	COMPOUND	(ug/L or ug	g/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	J <b>B</b> gg	ь.	17/01
75-09-2	Methylene Chloride			8		ع کا	21 +101
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	Ü		
67-66-3 107-06-2	Chloroform 1,2-Dichloroethane			11	Ü		
78-93-3	MEK (2-Butanone)			11	Ü		
71-55-6	1,1,1-Trichloroethane			11	U		
56-23-5	Carbon Tetrachloride			11	U		
75-27-4	Bromodichloromethane			11	Ü		
78-87-5	1,2-Dichloropropane			11	U		
10061-01-5	cis-1,3-Dichloropropene			11	U		
79-01-6	Trichloroethene			11	Ü		
124-48-1	Dibromochloromethane			11	Ü		
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	Ü		
108-10-1	MIBK (4-Methyl-2-pentance	) )		11		17	
591-78-6	2-Hexanone	) i i c j		11	U	7	147
127-18-4	Tetrachloroethene			11	U	l	TAT 4/2/01
79-34-5	1,1,2,2-Tetrachloroethane			11	U	l	,
108-88-3	Toluene			11	U	}	
108-90-7	Chlorobenzene	<u>-</u>		11	U		
100-41-4	Ethylbenzene			11	Ü		
100-42-5	Styrene			11	U	1	
106-42-3/108-38-3				11	U		
95-47-6	o-Xylene			11	U		
00.71.0	o Agrono						

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC	SAMPLE	NO.
1		١

Lab Name:			Contract:			<u> </u>	
Lab Code:	Case No.:					_	
Matrix: (soil/water)					-62601g		
Sample wt/vol:					3748-d	•	
		-					
Level: (low/med)						2491	71
% Moisture: not dec.			Da	te Analyzed:		B.1	
GC Column:	ID:	(mm)	Dil	ution Factor:		B-0	7
Soil Extract Volume: _	(µL)		So	il Aliquot Volum	e: (µL)	1/23	5
Number TICs found:	_3			NCENTRATION (µg/L or µg/Kg)_			
CAS NUMBER	COMPO	DUND NAME		RT	EST. CONC.	Q	
1	VAKnows			1.94	14	1	
2.				5-06	6		-
-3.	<del>                                     </del>			5.45	1/	1	-
4, 5.	¥						
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7.	· .						
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11.							1
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27.							
28.				•			
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FORM 1-CLP-VOA-TIC /m 1/22/01-

30.

00051

# 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSE	FC	SAMP	LE NO
14100			

TP4 RE

Lab Name:	FRIEND	LABORAT	TORY, IN	NC.	Contract:	1		
Lab Code:	10252	Ca	se No.:		SAS No.:	SDC	No.: PANA	<u>M</u>
Matrix: (soil/	water)	SOIL	_		Lab Sample	D: <u>L</u>	62601-9	
Sample wt/v	ol:	5.4	(g/ml)	G	_ Lab File ID:	<u>c</u>	3730.D	
Level: (low/	med)	LOW	_		Date Receive	ed: <u>0</u>	1/11/01	
% Moisture:	not dec.	21.2			Date Analyze	d: <u>0</u>	1/18/01	
GC Column:	RTX-6	24 ID: 0.	53 (m	nm)	Dilution Facto	or: <u>1</u> .	.0	
Soil Extract \	Volume:		_ (uL)		Soil Aliquot V	olum)	e:	(uL
						3		

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	<i>P</i> 12	U
74-83-9	Bromomethane	. 12	U
75-01-4	Vinyl Chloride	<i>f</i> 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	Ü
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	Ü
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.

			1	l
Lab Name:		Contract:		i
Lab Code:	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water)		Lab Sample I	D: L626019	
Sample wt/vol:	(g/mL)	Lab File ID:	23730-d	
Level: (low/med)	· 	Date Receive	d:	
% Moisture: not dec		Date Analyze	d:	
GC Column:	ID: (mm)	Dilution Facto	or	
Soil Extract Volume:	(µL)	Soil Aliquot V	'olume: (μL)	
		CONCENTRA	ATION UNITS:	

Number TICs found: 3 (µg/L or µg/Kg) vg/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	192	15	)
2.		5.02	Ϊί	
-3.	7	5.4	25	1
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NYSDEC SAMPLE NO.

# VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	Contract:	125
Lab Code:	10252	Cas	e No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/v	water)	SOIL		Lab Sample I	D: <u>L62601-10</u>
Sample wt/vo	ol:	5.4	(g/ml) G	Lab File ID:	C3721.D
Level: (low/n	ned)	LOW		Date Receive	d: <u>01/11/01</u>
% Moisture: r	not dec.	15.5		Date Analyze	d: <u>01/18/01</u>
GC Column:	RTX-6	24 ID: 0.5	3 (mm)	Dilution Facto	r. <u>1.0</u>
Soil Extract V	/olume:		_ (uL)	Soil Aliquot V	olume: (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	C
156-59-2	cis-1,2-Dichloroethene	11	C
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	C
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	Ū
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	Ū
79-34-5	1,1,2,2-Tetrachloroethane	11	Ū
108-88-3	Toluene	11	Ü
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	Ü
100-42-5	Styrene	11	Ü
106-42-3/108-38-3		11	Ü
95-47-6	o-Xylene	11	<del>U</del>

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

		1	l
Lab Name:		Contract: l	
Lab Code:	Case No.:	SAS No.: SDG No.:	
Matrix: (soil/water)		Lab Sample ID: L626110	•
Sample wt/vol:	_(g/mL)	Lab File ID: Cうつとしん	
Level: (low/med)	According to the second	Date Received:	
% Moisture: not dec		Date Analyzed:	11/1/16
GC Column:	ID: (mm)	Dilution Factor:	Pell
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (μL)	12°

φ Number TICs found:

CONCENTRATION UNITS: (µg/L or µg/Kg) Lal Ke

CAS NUMBER	COMPOUND.NAME	RT	EST. CONC.	Q
1.	Unknown	1.94	13	J
2.	r	5.05	6	
3.		5.42	16	
4,		20.8	6	1
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# **VOLATILE ORGANICS ANALYSIS DATA SHEET**

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Lab Name:	FRIEND	LABORAT	ORY, INC.	Contract:	TP3 DOP	
Lab Code:	10252	Ca	se No.:	SAS No.:	SDG No.: PANAM	
Matrix: (soil/	water)	SOIL	_	Lab Sample	ID: L62601-12	
Sample wt/ve	ol:	5.0	(g/ml) G	Lab File ID:	C3731.D	
Level: (low/r	med)	LOW	_	Date Receiv	red: 01/11/01	
% Moisture:	not dec.	15.5		Date Analyz	ed: 01/18/01	
GC Column:	RTX-6	24 ID: 0.	53 (mm)	Dilution Fac	tor: <u>1.0</u>	
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	C
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	C
56-23-5	Carbon Tetrachloride	12	C
75-27-4	Bromodichloromethane	12	C
78-87-5	1,2-Dichloropropane	12	C
10061-01-5	cis-1,3-Dichloropropene	12	C
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		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	Ü
106-42-3/108-38-3		12	Ū
95-47-6	o-Xylene	12	Ū

# -VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

				-
Lab Name:		Contract:	l	1
Lab Code:	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water)		Lab Sample ID: L	-62601-12	
Sample wt/vol:	(g/mL)	Lab File ID: C	3731-2	
Level: (low/med)	·	Date Received:		
% Moisture: not dec		Date Analyzed:		044171
GC Column:	ID: (mm)	Dilution Factor:		13-16
Soil Extract Volume:	(uL)	Soil Aliquot Volum	e: (uL)	/ -

Number TICs found: 5

**CONCENTRATION UNITS:** (µg/L or µg/Kg) 以

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1092	15	7
2		2.66	8	
-3.		5.03	10	
4.		5.42	19	
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# **VOLATILE ORGANICS ANALYSIS DATA SHEET**

ah Nama:	EDIENE	LABORATO	DDV INC	Contract	TP7
_ab Name:	FRIENL	LABORATO	JRT, INC.	Contract:	
_ab Code:	10252	Case	e No.:	SAS No.: S	DG No.: PANAM
Matrix: (soil/	water)	SOIL		Lab Sample ID:	L62601-27
Sample wt/vo	ol:	5.0	(g/ml) G	Lab File ID:	C3722.D
_evel: (low/r	med)	LOW		Date Received:	01/11/01
% Moisture:	not dec.	23.7		Date Analyzed:	01/18/01
GC Column:	RTX-6	24 ID: 0.5	3_ (mm)	Dilution Factor:	1.0
Soil Extract \	Volume:		(uL)	Soil Aliquot Volu	ıme: (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		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	Ū
108-90-7	Chlorobenzene	13	Ū
100-41-4	Ethylbenzene	13	Ū
100-42-5	Styrene	13	Ü
106-42-3/108-38-3		13	Ü
95-47-6	o-Xylene	13	Ū

TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract: SDG No.:\_\_\_\_ Lab Code: \_\_\_\_ Case No.:\_\_\_\_ SAS No.:\_\_\_\_ Lab Sample ID: L62601-27 Matrix: (soil/water) \_\_\_\_\_ Sample wt/vol:\_\_\_\_\_(g/mL)\_\_\_\_ Lab File ID: 23722 Date Received: Level: (low/med) \_\_\_\_\_ j}\44171 1/27 % 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) sq. Kg

CAS NUMBER	COMPOUND.NAME	RT	EST. CONC.	Q	
1.	Unknown	1.95	17	7	
2.		5.04	ಬ		
-3.		5.43	AB, 12 21		
4.,		5.20,51	8		Sign
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FORM I-CLP-VOA-TIC

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## 1*A*

NYSDEC SAMPLE NO.

# VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEN	LABORAT	ORY, INC.	Contract:	TP9
Lab Code:	10252	Cas	se No.:	SAS No.: S	DG No.: PANAM
Matrix: (soil/	water)	SOIL	_	Lab Sample ID:	L62601-29
Sample wt/v	ol:	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-6	324 ID: 0.5	53_ (mm)	Dilution Factor:	1.0
Soil Extract \	Volume:		(uL)	Soil Aliquot Volu	ime: (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	٦
75-01-4	Vinyl Chloride	17	J
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	<b>C</b>
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	Ü
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		17	U
95-47-6	o-Xylene	17	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

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_ab Name:		Contract:	l 	! !
ab Code:	Case No.:	SAS No.:	SDG No.:	_
Matrix: (soil/water)		Lab Sample ID:	L62601-29	
Sample wt/vol:	(g/mL)	Lab File ID: C	37191	
evel: (low/med)		Date Received:		
6 Moisture: not dec		Date Analyzed:		17441
GC Column:	ID: (mm)	Dilution Factor:		A.
Soil Extract Volume:	(µL)	Soil Aliquot Volum	e:(µL)	<i>(</i> 2)

Number TICs found:\_\_\_

CONCENTRATION UNITS: (µg/L or µg/Kg) with

CAS NUMBER	COMPOUND.NAME	RT	EST. CONC.	Q
1.	Chknown	1.94	19	1
2.		2.38	12	
-3.		2.67	12	
4.		3,52	10	
5.		4.32	26	
6.		5.42	24	
7.	×).	20.91	17	1
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# 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

	VOLATILE ORGANICS ANAI	LISIS DATA SHE	- '		
ab Name: FRIENI	D LABORATORY, INC.	Contract:		TP10	j
_ab Code: <u>10252</u>	Case No.:	SAS No.:	SDG No.:	PANAM	
Matrix: (soil/water)	SOIL	Lab Samp	ole ID: L62601-	-31	
Sample wt/vol:	5.0 (g/ml) G	Lab File II	D: C3738.	)	
_evel: (low/med)			eived: 01/11/0	1	
% Moisture: not dec.			yzed: 01/19/0		
	624 ID: 0.53 (mm)		actor: 1.0		
Soil Extract Volume:	(uL)	Soil Alique	ot Volume:	(uL	-)
		CONCENT	RATION UNITS	٠.	
CAS NO	COMPOUND				
CAS NO.	COMPOUND	(ug/L or ug/	Kg) <u>UG/KG</u>	Q	
74-87-3	Chloromethane		12	U	ノゴ
74-83-9	Bromomethane		12	U	
75-01-4	Vinyl Chloride		12	U	$\downarrow$
75-00-3	Chloroethane		12	1 U 1	_
75-09-2	Methylene Chloride		15		Jak 2/7/01
67-64-1	Acetone		12	U	ンゴ
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	1
156-60-5	trans-1,2-Dichloroether	ie	12	U	
67-66-3	Chloroform		12	U	1
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	آخر.
10061-01-5	cis-1,3-Dichloropropene	<u> </u>	12	U	1
79-01-6	Trichloroethene		12	U	1 112101
124-48-1	Dibromochloromethane		12	U	
79-00-5	1,1,2-Trichloroethane		12	U	
71-43-2	Benzene		12		4
10061-02-6	trans-1,3-Dichloroprope	ene	12	U	
75-25-2	Bromoform MIBK (4-Methyl-2-penta		12		į
108-10-1		anone)	12	U	1
591-78-6	2-Hexanone		12	U	
127-18-4 79-34-5	Tetrachloroethene		12	U	
108-88-3	1,1,2,2-Tetrachloroetha Toluene	116	12	<del></del>	7
108-90-7	Chlorobenzene		12		72
100-90-7	Ethylbenzene		12	1 11 1	

100-42-5

95-47-6

100-42-5 Styrene 106-42-3/108-38-3 p-Xylene/m-Xylene

o-Xylene

12 12

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# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

			1	l
Lab Name:		Contract:		1
Lab Code:	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water)		Lab Sample	10: 16261-31	
Sample wt/vol:	(g/mL)	Lab File ID:_	C3738.d	
Level: (low/med)		Date Receive	ed:	
% Moisture: not dec		Date Analyze	ed:	12441
GC Column:	ID: (mm)	Dilution Factor	or:	Bil
Soil Extract Volume:	(µL)	Soil Aliquot V	/olume: (µĹ)	1/23

Number TICs found:

CONCENTRATION UNITS:

CAS NUMBER	COMPOUND.NAME	RT	EST. CONC.	Q
1.	Unknows	1193	24	7
2.	1	2,23	q	
-3.		2.52	8	
4.,		3.48	9	
5.		5.04	12	$\perp 1$
6.		5.42	19	
7.	ut.	20,51	8	1+
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00156

NYSDEC SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TP10 RE Lab Name: FRIEND LABORATORY, INC. Contract: Lab Code: 10252 SAS No.: SDG No.: PANAM Case No.: 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) (uL) Soil Aliquot Volume:

	C	ONCENTRATION UNITS:	
CAS NO.	COMPOUND (I	ıg/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	£ 11	U
74-83-9	Bromomethane	, ž 11	U
75-01-4	Vinyl Chloride	<u> </u>	U
75-00-3	Chloroethane	<i>2</i> 11	U
75-09-2	Methylene Chloride	<i>∄</i> 17	
67-64-1	Acetone	.∉ <sup>(</sup> 11	U
75-15-0	Carbon Disulfide	£ 11	U
75-35-4	1,1-Dichloroethene	بال <b>11</b>	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	υ
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	Ū
108-90-7	Chlorobenzene	11	Ū
100-41-4	Ethylbenzene	11	Ū
100-42-5	Styrene	11	Ū
106-42-3/108-38-3		11	U
95-47-6	o-Xylene	11	U

# TENTATIVELY IDENTIFIED COMPOUNDS Contract: Lab Name:\_\_\_\_\_ SDG No.:\_\_\_ Lab Code: \_\_\_\_ Case No.:\_\_\_ SAS No.:\_\_\_\_ Lab Sample ID: 16260131 Matrix: (soil/water) Lab File ID: <3724.4 Sample wt/vol:\_\_\_\_\_(g/mL)\_\_\_\_ Date Received:\_\_\_\_\_ Level: (low/med) \_\_\_\_\_ % Moisture: not dec. Date Analyzed:\_\_\_\_\_ GC Column: \_\_\_\_\_ ID: \_\_\_\_ (mm) Dilution Factor. Soil Aliquot Volume: \_\_\_\_ (µL) Soil Extract Volume: \_\_\_\_(µL)

VOLATILE ORGANICS ANALYSIS DATA SHEET -

Number TICs found: 9

CONCENTRATION UNITS:

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	q
1.	Unknown	1192	40	7
2.	. 1	216	9	
-3.		2.30	12	
4.		2.49	6	
5.		3.42	21	
6.		4,44	8	
7	T	5.01	20	
8.		5.42	45	
9.		20.8	9	1
10.				
11.				
12.				
13.				
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16.				
17.		·		
18.				
-19.				1
20.				
21.				
22.				
-23.				
24.				1
25.				<del>                                     </del>
26.				<del>                                     </del>
·27,				
28.				1
29.				1
30.			-	<del></del>

NYSDEC	SAMP	LE NO
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	<b>VOLATILE ORGANICS ANAI</b>	LYSIS DATA SHEET		1
_ab Name: FRIEN	ID LABORATORY, INC.	Contract:	TP12	
	Case No.:		3 No.: PANAM	
Matrix: (soil/water)	·	Lab Sample ID: L		
		_		
Sample wt/vol:	5.4 (g/ml) G	_ Lab File ID: <u>C</u>	3/25.D	
evel: (low/med)	LOW	Date Received: 0	1/27/01 EUR 3/12	ICI
6 Moisture: not dec.	17.6	Date Analyzed: 0	1/18/01	
GC Column: RTX-	624 ID: 0.53 (mm)	Dilution Factor: 1.	.0	
Soil Extract Volume:	(uL)		e: (uL	-)
		-		
		CONCENTRATION		
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-Dichloroether		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	е	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-Dichloroprope	ene	11 U	
75-25-2	Bromoform		11 U	
108-10-1	MIBK (4-Methyl-2-penta	anone)		
591-78-6	2-Hexanone		11 U	
127-18-4	Tetrachloroethene		11 U	
79-34-5	1,1,2,2-Tetrachloroetha	ine	11 U	1
108-88-3	Toluene		11 U	l
108-90-7	Chlorobenzene		11 U	
100-41-4	Ethylbenzene		11 U	
100-42-5	Styrene		11 U	

U

11

11

o-Xylene

p-Xylene/m-Xylene

106-42-3/108-38-3

95-47-6

# 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: L6	2601-37	
Sample wt/vol:	(g/mL)	Lab File ID: C37	25.1	
Level: (low/med)		Date Received:		A111115
% Moisture: not dec		Date Analyzed:		1514 B
GC Column:	(mm)	Dilution Factor		13.11
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)	1/23

Number TICs found:

**CONCENTRATION UNITS:** (µg/L or µg/Kg) by lkg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknowy	1.92	20	7
2.		2,38	6	l
.3.		2.65	12	
4.,		5.02	13	
5		5.41	24	
6.		20.50	16	
7.	<i>J</i>	20.80	25	14
8.				
9.				
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11.				
12.				
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16.				
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24.		-		
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27.				
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29.		-		
0.	-	-	•	

# 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

		<b>.</b>	1 177	ZKE	APP.
Lab Name: FR	IEND LABORATORY, INC.	Contract:	_		محر ا
Lab Code: 102	252 Case No.:	SAS No.: S	DG No.: P	ANAM 🚁	
Matrix: (soil/wate	r) SOIL	Lab Sample ID:	L62601-37		
Sample wt/vol:	5.2 (g/ml) G	Lab File ID:		g d'	
Level: (low/med)	LOW	Date Received:	01/1/01	500 3/10	2/0i
% Moisture: not o	iec. 17.6	Date Analyzed:			
	TX-624 ID: 0.53 (mm)	Dilution Factor:	ė		
			- 1		
Soli Extract Volui	me: (uL)	Soil Aliquot Volu	.me:	(ul	_)
		CONCENTRATIÓ	N UNITS:		
CAS NO.	COMPOUND	(ug/L or ug/Kg) U		Q	
<i>67</i> (6 ) (6)	COMM COME	(ug/2 0/ ug//ug/ <u>0</u>	<u> </u>	_	
74-87-3	Chloromethane	الخي الم	12	U	
74-83-9	Bromomethane	<i>J</i> \$7	12	U	
75-01-4	Vinyl Chloride	g g r r	12	U	
75-00-3	Chloroethane	,	12	U	
75-09-2	Methylene Chloride	g#	11	JB a	ar 217101
67-64-1	Acetone	7	100		
75-15-0	Carbon Disulfide	<i>j</i>	3	J	
75-35-4	1,1-Dichloroethene	1	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	9	12	U	
67-66-3	Chloroform		12	U	
107-06-2	1,2-Dichloroethane		12	U	
78-93-3	MEK (2-Butanone)		20		ar 2/7/01
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			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		ne	12	U	
75-25-2	/ Bromoform		12	U	
108-10-1	/ MIBK (4-Methyl-2-pental	none)	12	U	
591-78-6	/ 2-Hexanone		12	U	
127-18-4	Tetrachloroethene		12	U	
79-34-5		ne	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	
106-42-3/1			12	U	
95-47-6	o-Xylene		12	U	

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

			1	l
Lab Name:		Contract:		1
Lab Code:	Case No.:	SAS No.:	SDG No.:	-
Matrix: (soil/water)		Lab Sample ID:_	1 62601-37	
Sample wt/vol:(g	ı/mL)	Lab File ID: C	. 3734.d	CME.
Level: (low/med)		Date Received:_		
% Moisture: not dec.	-	Date Analyzed:_		
GC Column:	ID: (mm)	Dilution Factor:_		
Soil Extract Volume:	(µL)	Soil Aliquot Volur	me: (µL)	
		CONCENTRATIO	ON UNITS:	

Number TICs found:\_\_\_

(µg/L or µg/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.93	19	J
2.	r	2.37	12.	
-3.		2.66	$\mathcal{G}$	
4.*		5.03	8	
5.		5.42	18	
6.	J	20.8	6	1
7.	-	:		
8.				
9.				
10.				
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# 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMPI	E NO
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					TP-13	
Lab Name:	FRIEND	LABORA	TORY, INC.	Contract:		
Lab Code:	10252	Ca	ase No.:	SAS No.:	SDG No.: PANAM	
Matrix: (soil/\	water)	SOIL		Lab Sample II	D: <u>L62601-39</u>	
Sample wt/vo	ol:	4.1	(g/ml) G	Lab File ID:	C3720.D	
Level: (low/r	ned)	LOW		Date Received	1: 01/1/1/01 ear	3/1ZlC
% Moisture:	not dec.	30.4		Date Analyzed	1: 01/18/01	
GC Column:	RTX-6	24 ID: 0	.53 (mm)	Dilution Factor	r. 1.0	
Soil Extract \	/olume:		(uL)	Soil Aliquot Vo	olume:	(uL)
				CONCENTRAT	ION 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	Ú
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		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	Ū
100-41-4	Ethylbenzene	3	J
100-42-5	Styrene	18	Ü
106-42-3/108-38-3		18	Ū
95-47-6	o-Xylene	18	Ū

			NYSDEC SAMPLE	NO.
		Contract:	1	! 1
Case No.:		SAS No.:	SDG No.:	-
		Lab Sample ID:	L 62601-39	•
(g/mL)		Lab File ID:	3720.1	
·		Date Received:		2.44.4
		Date Analyzed:		124417
ID:	_ (mm)	Dilution Factor		13-11
(μL)		Soil Aliquot Volum	ne: (µL)	1/23
	TENTATIVE	TENTATIVELY IDENT  Case No.:  (g/mL)  ID: (mm)	Contract:	Contract:

Number TICs found:\_\_\_

CONCENTRATION UNITS: (µg/L or µg/Kg) vg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	baknina	1,94	22	7
2.		4,30		1
-3.		5.05	11	
4		5.43	23	$\perp \perp$
5.		19.89	76	$\perp \perp$
6.	V	20.55	9	V
7				
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10. ·				
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FORM I-CLP-VOA-TIC

i/9) 1/62/01 NN000

#### 1A

NYSDEC SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

			TP-15
Lab Name:	FRIEND LABORATORY, INC.	Contract:	
			ATT THE TANKARA

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 our 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)

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	1
124-48-1	Dibromochloromethane	12	U	1
79-00-5	1,1,2-Trichloroethane	12	U	1
71-43-2	Benzene	12	U	1
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	しる
591-78-6	2-Hexanone	12	U	11
127-18-4	Tetrachloroethene	12	U	11
79-34-5	1,1,2,2-Tetrachloroethane	12	U	11
108-88-3	Toluene	12	U	11
108-90-7	Chlorobenzene	12	U	1/
100-41-4	Ethylbenzene	12	U	1
100-42-5	Styrene	12	Ū	1
106-42-3/108-38-3		12	Ū	1
95-47-6	o-Xylene	12	U	V

## VULATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract: SDG No.:\_\_\_\_ Case No.:\_\_\_\_ Lab Code:\_\_\_\_\_ SAS No.:\_\_\_\_ Lab Sample ID: 62601-48 Matrix: (soil/water) \_\_\_\_\_ Lab File ID: C3726 Sample wt/vol:\_\_\_\_\_(g/mL)\_\_\_\_ Level: (low/med) Date Received: % Moisture: not dec. GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Number TICs found: 5 (µg/L or µg/Kg) val Kg

Soil Extract Volume: \_\_\_\_(µL)

30.

CAS NUMBER COMPOUND.NAME RT EST. CONC. Un Known 1.91 2. 5.02 5.41 ·3. 4. 11 19.87 5. 10 20.79 6. 7. . 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.

> VB/1/29/01 FORM I-CLP-VOA-TIC

			1A			SDEC SAMPLE N	10.
	'	VOLATILE ORG	GANICS AN	IALYSIS DATA SHEE	: /	TP-15 RE	] /
Lab Name:	FRIEND	LABORATOR	Y, INC.	Contract:		_	
Lab Code:	10252	Case N	ło.:	SAS No.:	SD0	No.: PANAM	. / 📉
Matrix: (soil/	water)	SOIL		Lab Samp	le ID: L	62601-48	. garden
Sample wt/v	ol:	5.6 (g	/ml) G	Lab File ID	): <u>C</u>	3827.D	pr <sup>is</sup>

Date Received: 01/1//01 Level: (low/med) LOW % Moisture: not dec. 17.7 Date Analyzed: 01/25/01

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

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

CAS NO.	COMPOUND (ug/L or u	g/Kg) UG/KG	_ Q	
74-87-3	Chloromethane	/ 11	U	7
74-83-9	Bromomethane	11	Ü	+
75-01-4	Vinyl Chloride	/ 11	Ü	1
75-00-3	Chloroethane	11	11	-
75-09-2	Methylene Chloride	14	8	eak 2/7/01
67-64-1	Acetone	11	U	
75-15-0	Carbon Disulfide	11	Ü	†
75-35-4	1,1-Dichloroethene	11	Ü	†
75-34-3	1,1-Dichloroethane	11	Ü	1
156-59-2	cis-1,2-Dichloroethene	11	U	1
156-60-5	trans-1,2-Dichloroethene	11	U	1
67-66-3	Chloroform	11	Ü	1
107-06-2	1,2-Dichloroethane	11	Ü	†
78-93-3	MEK (2-Butanone)	11	Ü	1
71-55-6	1,1,1-Trichloroethane	11	Ü	
56-23-5	Carbon Tetrachloride	11	Ü	
75-27-4	Bromodichloromethane	11	Ū	1
78-87-5	1,2-Dichloropropane	11	Ü	- -
10061-01-5	cis-1,3-Dichloropropene	11	Ü	
79-01-6	Trichloroethene	11	Ū	1
124-48-1	Dibromochloromethane	11	U	1
79-00-5	1,1,2-Trichloroethane	11	U	1
71-43-2	/Benzene	11	Ū	İ
10061-02-6	trans-1,3-Dichloropropene	11	Ū	
75-25-2	Bromoform	11	U	1
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U	
591-78-6	2-Hexanone	11	U	1
127-18-4/	Tetrachloroethene	11	Ü	
79-34-5	1,1,2,2-Tetrachloroethane	11	Ū	
108-88-3	Toluene	11	U	
108-90-7	Chlorobenzene	11	U	
1.00-41-4	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

IFIED COMPOUNDS	NYSDEC SAMPLE NO.	
	- I	
Contract:		
SAS No.:	SDG No.:	
Lab Sample ID: L	62601-48	
Lab File ID:	3827-d	
Date Received:		

Level: (low/med)	
% Moisture: not dec	·

Lab Code: \_\_\_\_\_ Case No.:\_\_\_\_

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

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

Matrix: (soil/water)

Date Analyzed:\_\_\_\_\_ Dilution Factor:\_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm) Soil Extract Volume: \_\_\_\_(µL)

Soil Aliquot Volume: \_\_\_\_ (µL) and of held the CONCENTRATION LINITS.

Number TiCs found:\_\_\_\_\_

**CONCENTRATION UNITS:** (µg/L or µg/Kg) 174 Kg

CAS NUMBER	COMPOUND NAME UNKNOWN L L	RT	EST. CONC.	Q
1.	Unknown	-5.21	7	1
2.	L	5.62	1(	
-3.	L L	20.58	1 +-	*
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NYSDEC SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TP-16 Lab Name: FRIEND LABORATORY, INC. Contract: Matrix: (soil/water) SOIL Lab Sample ID: L62601-50 Sample wt/vol: 5.6 (g/ml) G Lab File ID: C3746.D Date Received: 01/14/01 00 3/12/01 Level: (low/med) LOW % Moisture: not dec. 13.4 Date Analyzed: 01/19/01 Dilution Factor: 1.0 GC Column: RTX-624 ID: 0.53 (mm) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q 10 74-87-3 Chloromethane 10 74-83-9 Bromomethane U 10 75-01-4 Vinyl Chloride 75-00-3 Chloroethane 10 JB ear 2/7/01 75-09-2 Methylene Chloride 5 67-64-1 10 Acetone U 75-15-0 Carbon Disulfide 10 U 75-35-4 10 1,1-Dichloroethene 10 U 75-34-3 1,1-Dichloroethane 156-59-2 cis-1,2-Dichloroethene 10 U 156-60-5 trans-1,2-Dichloroethene 10 U U 67-66-3 Chloroform 10 107-06-2 1.2-Dichloroethane 10 78-93-3 MEK (2-Butanone) 10 U 1,1,1-Trichloroethane 10 U 71-55-6 U 56-23-5 Carbon Tetrachloride 10 75-27-4 Bromodichloromethane 10 U 78-87-5 1,2-Dichloropropane 10 U 10061-01-5 cis-1,3-Dichloropropene 10 79-01-6 Trichloroethene 10 U 124-48-1 Dibromochloromethane U 10 1,1,2-Trichloroethane 79-00-5 10 U 71-43-2 Benzene 10 U 10061-02-6 trans-1,3-Dichloropropene 10 U 75-25-2 Bromoform 10 108-10-1 MIBK (4-Methyl-2-pentanone) 10 U U 591-78-6 10 2-Hexanone Tetrachloroethene 10 U 127-18-4 79-34-5 1,1,2,2-Tetrachloroethane 10 U 10 U 108-88-3 Toluene 108-90-7 Chlorobenzene 10 100-41-4 Ethylbenzene 10 U 100-42-5 10 U

Styrene

o-Xviene

106-42-3/108-38-3 p-Xylene/m-Xylene

95-47-6

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# VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMP	LE	NC
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	TENTATIVELY	/ IDENTIFIED COM	IPOUNDS	NYSDEC SAMPLE	<u>NO.</u> I	
Lab Name:		Contract:		<u> </u>		
Lab Code:	Case No.:	SAS No.:		SDG No.:		
Matrix: (soil/water)				6461-90		
Sample wt/voi:	(g/mL)	Lab	b File ID:	C3746-d		
Level: (low/med)		Da	te Received:			
% Moisture: not dec.	-	Da	te Analyzed:		R44171	/
GC Column:	ID:(	(mm) Dile	ution Factor		K ( ( ( )	
Soil Extract Volume: _	(µL)	Soi	ii Aliquot Volume	e:(µL)	1/23	
Number TICs found:	4		NCENTRATION pg/L or pg/Kg)_		1/25	
CAS NUMBER	COMPOU	ND.NAME	RT	EST. CONC.	Q	
1.	Vaknown		1.95	21	)	
2.			2-67	21-9	5	بل. 2-را
·3.			5.10	6		
4.	Ł		5,46	)(	T T	

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
	1.	Va Krown	1.95	21	)	
	2.		2.67	21-9		SIB
	·3.		5.10	6	}	1 200
	4.	<u> </u>	5,46	)(	T	
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	6.					
	7					
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	19.					
	20.					1
	21.					1
-	22.					
-	23.					1
	24.					1
	25.		·			1
	26.					1
	27.					
	28.					
	29. ·		-			
-	30.					

FORM I-CLP-VOA-TIC

10/1/1/201

#### 1A

#### VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO
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	•	OLATIL	E ORGANICS ANA	AL FOIG DATA SH		١ .	4-		
Lab Name: I	FRIEND	LABOR	RATORY, INC.	Contract:			ΓP-17		
Lab Code:	10252		Case No.:	SAS No.:	SD	G No.:	PANA	<u> </u>	
Matrix: (soil/wa	ater)	SOIL		Lab Sar	nple ID: L	62601-	54		
Sample wt/vol	) <u>:</u>	5.1	(g/ml) G	Lab File	iD: C	3728.D			
Level: (low/m				<del>-</del>	ceived: 0	12		zuzlai	Í
•	•			•	_			.51(210)	
% Moisture: no	ot dec.	21.2		Date An	alyzed: 0	1/18/01		-	
GC Column:	RTX-6	24 ID:	0.53 (mm)	Dilution	Factor: 1	.0		_	
Soil Extract Vo	olume:		(uL)	Soil Aliq	uot Volum	ie:		(uL)	
	_								
				CONCEN	TRATION	UNITS	:		
CAS NO.		CON	MPOUND	(ug/L or u	g/Kg) UG/	/KG	_ Q		
74.07.0		01	la an an ath s			40		$\neg$	
74-87-3 74-83-9			lloromethane omomethane		-	12 12	U U	_	
75-01-4			nyl Chloride			12	U	$\dashv$	
75-00-3	_		loroethane			12	U	$\dashv$	
75-09-2			ethylene Chloride			7	J	$\overline{}$	
67-64-1			etone			29		_	
75-15-0			rbon Disulfide			12	U		
75-35-4			-Dichloroethene			12	U	$\neg$	
75-34-3			-Dichloroethane			12	U		
156-59-2	2	cis	-1,2-Dichloroethene	•		12	U		
156-60-5	5	tra	ns-1,2-Dichloroethe	ene		12	U		
67-66-3		Ch	loroform			12	U		
107-06-2	2	1,2	2-Dichloroethane			12	U		
78-93-3			K (2-Butanone)			12	U		
71-55-6			,1-Trichloroethane			12	U		
56-23-5			rbon Tetrachloride			12	U		
75-27-4			<u>omodichloromethan</u>	e		12	U		
78-87-5		_	2-Dichloropropane			12	U	$\rightarrow$	
10061-0			-1,3-Dichloroproper			12	U		
79-01-6			chloroethene			12	U		
124-48-1			promochloromethan	e		12	U	-	
79-00-5			,2-Trichloroethane			12	U		
71-43-2			nzene			12	U		
10061-0			ns-1,3-Dichloroprop	ene		12	U		
75-25-2 108-10-1			omoform	tanana)		12	U	UZ	
591-78-6			BK (4-Methyl-2-pen	tanone)		12	U	<b>⊣</b> ັ₁³	
127-18-4			trachloroethene			12 12	U	<b>   </b>	
79-34-5			,2,2-Tetrachloroeth	ane		12	U		
108-88-3			<u>,2,2-1 etracilioroetri</u> luene	a110		12	U	<b></b>	
108-90-7			lorobenzene			12	U	$\dashv$ [	
100-30-7			lylbenzene			12	Ü		
100-42-5			rene			12	11	<b>⊣</b> }	

106-42-3/108-38-3 p-Xylene/m-Xylene

o-Xylene

95-47-6

12

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Code:         Case No.:         SDG No.:	Lab Name:	Contract:
Sample wt/vol:         (g/mL)         Lab File ID:         C3728-A           Level:         (low/med)         Date Received:         Date Analyzed:	Lab Code: Case No.:	SAS No.: SDG No.:
Level: (low/med) Date Received:   % Moisture: not dec. Date Analyzed:	Matrix: (soil/water)	Lab Sample ID: <u>L62661-54</u>
% Moisture: not dec Date Analyzed:	Sample wt/vol:(g/mL)	Lab File ID: C3728-A
	Level: (low/med)	Date Received:
GC Column: ID: (mm) Dilution Factor:	% Moisture: not dec	Date Analyzed:
	GC Column: ID: (mm)	) Dilution Factor:

Number TICs found: 4

Soil Extract Volume: \_\_\_\_(µL)

CONCENTRATION UNITS: (µg/L or µg/Kg) روايا

Soil Aliquot Volume: \_\_\_\_ (µL)

NYSDEC SAMPLE NO.

CAS NUMBER	COMPOUND.NAME	RT	EST. CONC.	Q
1.	Unknown	1.91	16	7
2.	1	2.65	6	1
-3.		5,02	13	
4:	· ·	5.41	21	F
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	1A		SDEC SAMPLE	
VO	LATILE ORGANICS ANALYSIS D	ATA SHEET		7 /~
Lab Name: FRIEND L	ABORATORY, INC. Contra	act:	TP-17 RE	<b>」/</b>
Lab Code: 10252	Case No.: SAS	No.: SDG	No.: PANAM	der
Matrix: (soil/water) So		Lab Sample ID: L6		7
	1 (g/mi) G	Lab File ID: C3	747 D	
Level: (low/med) LC		Date Received: 01		halo
		Date Received. 01	19101 # 1019 3	112101
% Moisture: not dec. 21	.2	Date Analyzed: 01	/19/01	
GC Column: RTX-624	ID: <u>0.53</u> (mm)	Dilution Factor: 1.0	) /	
Soil Extract Volume:	(uL)	Soil Aliquot Volume	: :	(uL)
		/		
	C	CONCENTRAȚIÓN L	JNITS:	
CAS NO.	COMPOUND (	ug/L or ug/Kg) <u>UG/K</u>	(G Q	
74-87-3	Chloromethane	-	12 U	7
74-83-9	Bromomethane	,4	12 U	7
75-01-4	Vinyl Chloride	1	12 U	7
75-00-3	Chloroethane	1	12 U	7
75-09-2	Methylene Chloride	AS .	10 JB	ar 2/7/01
67-64-1	Acetone		49	
75-15-0	Carbon Disulfide		12 U	7
75-35-4	1,1-Dichloroethene		12 U	1
75-34-3	1,1-Dichloroethane		12 U	1
156-59-2	cis-1,2-Dichloroethene		12 U	1
156-60-5	trans-1,2-Dichloroethene	-	12 U	1
67-66-3	Chloroform		12 U	1
107-06-2	1,2-Dichloroethane		12 U	1
78-93-3	MEK (2-Butanonė)		12 U	1
71-55-6	1,1,1-Trichloroethane		12 U	1
56-23-5	Carbon Tetrachloride		12 U	1
75-27-4	Bromodichloromethane		12 U	1
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	1
71-43-2	Benzene		12 U	4
10061-02-6			12 U	1
75-25-2	trans-1,3-Dichloropropene		12 U	+
108-10-1	MIBK (4-Methyl-2-pentanone)		12 U	+
591-78-6				-
127-18-4	2-Hexanone			1
	Tetrachloroethene		12 U	-
79-34-5	1,1,2,2-Tetrachloroethane		12 U	1

108-88-3

106-42-3/108-38-3

108-90-7

100-41-4

100-42-5

95-47-6

Toluene

Styrene

o-Xylene

Chlorobenzene

p-Xylene/m-Xylene

Ethylbenzene

U

U

U

U

U

U

12

12

12

12

12

12

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

		1	1
Lab Name:		Contract:	
Lab Code:	Case No.:	SAS No.: SDG No.:	_
Matrix: (soil/water)	·	Lab Sample ID: 162601-54	•
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:	<b>G</b>	CONCENTRATION UNITS:	Conf

reamber 1103 found		(pg/L 0/ pg//g/_/	<del>) ( )</del>	V
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.94	17	
2.		5.04	7	
-3.		5.46	14	
4:		20.52	9	1
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMPL	E NO
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•	OLATILE GROANIOG ANAL	TOIO BATA OF IL	-'		
ab Name: FRIEND	LABORATORY, INC.	Contract:		TP-18	
_ab Code: 10252	Case No.:	SAS No.:	SDG No.:	PANAM	
Matrix: (soil/water)			ple ID: L62601-		
	5.0 (g/ml) G	Labrile	ID: <u>C3729.D</u>		
evel: (low/med)	LOW	Date Rec	eived: 01/1/1/01	eil 3/12	101
% Moisture: not dec.	12.8	Date Ana	alyzed: 01/18/01		
GC Column: RTX-62	24 ID: 0.53 (mm)	Dilution F	actor: 1.0		
			<del></del>		`
Soil Extract Volume: _	(u.)	Soil Aliqu	ot Volume:	(ul	.)
		CONCENT	RATION UNITS		
CASNO	COMBOLIND				
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		12
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-Dichloropropen	ie	11	U	1
75-25-2	Bromoform		11	U	
108-10-1	MIBK (4-Methyl-2-pentar	ione)	11	U	
591-78-6	2-Hexanone		11	U	
127-18-4	Tetrachloroethene		11	U	
79-34-5	1,1,2,2-Tetrachloroethan	e	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	4
106-42-3/108-38-	3 p-Xylene/m-Xylene		11	U	1

o-Xylene

95-47-6

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC	SAMPLE	NO

Lab Name:			Contract:			<u> </u>
Lab Code:				•	SDG No.:	
Matrix: (soil/water)			Lat	Sample ID:	626015)	
Sample wt/vol:	(g/mL)					•
Level: (low/med)		<del></del>				
% Moisture: not dec.						,144171
GC Column:		(mm)				144171 13-11
		('''''')			e: (µL)	13-11
Soil Extract Volume:	(μι)			•		1/23
Number TICs found:	3			NCENTRATION pg/L or pg/Kg) <u>1</u>	1.4	·
CAS NUMBER	CC	OMPOUND NAME		RT	EST. CONC.	Q
1.	Unlenous	^		1.91	15	
2.				5.01	9	
-3.	y.			5.4	21	
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# 1A NYSDEC SAMPLE NO. VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEN	D LABORA	TORY, INC.	Contract:		RII	NSATE	
Lab Code:	10252	C	ase No.:	SAS No.:	SDG	No.:	PANAM	
Matrix: (soil/	water)	WATER		Lab Samp	le ID: L6	2601-7	0	
Sample wt/v	ol:	5.0	(g/ml) ML	Lab File II	D: <u>C3</u>	704.D		
Level: (low/	med)	LOW	<del></del>	Date Rece	ived: 01	17/01	ear 3	3/12/0
% Moisture:	not dec.			Date Analy	yzed: <u>01</u>	/17/01		
GC Column:	: <u>RTX-</u> 6	324 ID: 0	.53 (mm)	Dilution Fa	actor: 1.0			
Soil Extract	Volume:		(uL)	Soil Alique	t Volume	:		(uL)
				CONCENT	RATION L	JNITS:		
CAS NO	0.	COMP	POUND	(ug/L or ug/l	Kg) <u>UG/L</u>		_ Q	
74.07		Obla				40	1.1	

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	C
79-01-6	Trichloroethene	10	C
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	Ū
100-41-4	Ethylbenzene	10	Ü
100-42-5	Styrene	10	Ū
106-42-3/108-38-3		10	Ū
95-47-6	o-Xylene	10	Ū

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC	SAMPLE	<u>NO.</u>
1		I

Lab Name:		С	ontract:				
Lab Code:	Case No.:		SAS No.:	_	SDG No.:		
Matrix: (soil/water)					.62601-70		
Sample wt/vol:	(g/mL)		Lab	File ID:	3704.2		
Level: (low/med)			Dat	e Received:			
% Moisture: not dec.			Dat	e Analyzed:	·	12439	9/3
GC Column:	ID:	(mm)				VC 1 2 .	
Soil Extract Volume: _		` ,			e:(µL)	Bill	
Number TICs found:			CO	NCENTRATION	I UNITS:	1/18	
CAS NUMBER	СОМРОИ	ND.NAME		RT	EST. CONC.	Q	
1.	Unknown			\$1.95	8.	7	
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#### 1A

**VOLATILE ORGANICS ANALYSIS DATA SHEET** 

N	Y.S	DE	C	SA	MP	1 F	NO.
ľ	10		$\cdot$	27	IVIT		NO.

	,	VOLATILE C	DRGANICS ANA	ILTSIS DATA SHI	== 1			
_ab Name:	FRIEND	LABORAT	ORY, INC.	Contract:		TRIF	BLANK	
_ab Code:	10252	Cas	se No.:	SAS No.:	SD	G No.:	PANAM	_
Matrix: (soil/	water)	WATER	_	Lab San	nple ID: L	62601-7	71	_
Sample wt/v	oi:	5.0	(g/ml) ML	Lab File	ID:	3705.D		
_evel: (low/	med)	LOW		Date Re	ceived: 0	1/17/01	ecip 3/1	zlo
% Moisture:	not dec.			Date An	alyzed: 0	1/17/01		
GC Column:	RTX-6	24 ID: 0.5	3_ (mm)	Dilution	Factor: 1	.0		
Soil Extract	Volume:		_ (uL)	Soil Aliq	uot Volum	ne:	(	uL)
				CONCEN	TRATION	UNITS:		
CAS NO	<b>)</b> .	COMPO	DUND	(ug/L or ug	g/Kg) <u>UG</u>	/L	Q	
74-87-	-3	Chloro	methane			10	U	]

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		10	U
95-47-6	o-Xylene	10	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUND

IFIED COMPOUNDS	NYSDEC SAMPLE NO.
	1
Contract:	<u> </u>
SAS No.:	SDG No.:
Lab Sample ID: 1	62601-71
Lab File ID:	-370.5.2

Sample wt/vol:\_\_\_\_\_(g/mL)\_ Level: (low/med)

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

Date Received:

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

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

Date Analyzed:

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

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

Matrix: (soil/water)

Dilution Factor:\_\_\_\_

Soil Aliquot Volume: \_\_\_\_ (µL)

243915 Bill 1/18

Soil Extract Volume: \_\_\_\_(µL)

CONCENTRATION UNITS:

Number TICs found:	<u> </u>	(µg/L or µg/Kg)_		1/1
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
-3.				
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FORM I-CLP-VOA-TIC //A 1 / 1/4/0 / 0.03 4.8

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORA	TORY, INC.	c	ontract:		BG-NC
Lab Code:	10252	Ca	ase No.:		SAS No.:	_ SE	OG No.: PANAM
Matrix: (soil/v	vater)	SOIL	-		Lab Sampk	e ID:	L62601-1
Sample wt/vo	ol:	30.056	(g/ml) G		Lab File ID:	: <u> </u>	B1793.D
Levei: (low/n	ned)	LOW	_		Date Recei	ved:	01/11/01
% Moisture:	15	de	canted:(Y/N)	N	_ Date Extra	ted:	02/05/01
Concentrated	Extract	Volume:	500 (uL)		Date Analy	zed:	02/22/01
Injection Volu	ıme: <u>2</u>	.0 (uL)			Dilution Fac	ctor.	1.0
GPC Cleanup	o: <b>(Y/N)</b>	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	Ū
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
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

#### 1C

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: F	RIEND	LABORAT	ORY, INC.		Contract:	ВС-ЧС
Lab Code: 1	10252	Cas	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/wa	iter)	SOIL			Lab Sample ID:	L62601-1
Sample wt/vol:	,	30.056	(g/ml) G		Lab File ID:	B1793.D
Level: (low/me	∌d)	LOW			Date Received:	01/11/01
% Moisture:	15	dec	anted:(Y/N) _	N	Date Extracted:	02/05/01
Concentrated E	Extract \	Volume: 5	00 (uL)		Date Analyzed:	02/22/01
Injection Volum	ne: <u>2.0</u>	) (uL)			Dilution Factor:	1.0
GPC Cleanun:	<b>~</b> / <b>k</b> ∩	~	nH: 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	V
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	31004100	ZD
85-68-7	Butylbenzyl phthalate	390	C
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	

413101

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO.

Lab Code:	Lab Name:	-	Contract:				
Sample wolvolf	Lab Code:	Case No.:	SAS No.:		SDG No.:		
Sample wolvolf	Matrix: (saithvate	·)		Lab San	1962 10: Llo2601-	-1	
Level: ( Cow/merc)	Sample w/vol/4	(c/mil)					
M. Miciature:   decanted: (YIN)							
Cancentrated Extract Volume:							
Injection Volume:	•		•				
CAS NUMBER   COMPOUND NAME   RT   SST. CONG.   C    1.							0117716
CAS NUMBER   COMPOUND NAME   RT   SST. CONG.   C    1.				Ulletten a	ic:r		11912
CAS NUMBER   COMPOUND NAME   RT   SST. CONG.   C    1.	GPC Clashup: (Y	(IN) ================================					fr- (
1. Unknown   26.67   310   3   2.   310   3   3.   3.   3.   3.   3.   3.   3.	Number TICs found	d:3					3/1
2.   27.44   400   4.   5.   5.     1.   5.     1.   1.   1.	CAS NUMBER	COMPOUND NAME		RT	EST. CONC.	i e	_
3.		Unknown			310 ·	1 7	
4.       5.         5.						-	-
5.       6.         7.       1         6.       1         7.       1         8.       1         10.       1         11.       1         12.       1         13.       1         15.       1         16.       1         17.       1         16.       1         17.       1         12.       1         20.       1         21.       22.         22.       1         23.       1         24.       1         25.       1         27.       23.         22.       1         23.       1         24.       1         25.       1         26.       1         27.       22.         28.       1         29.       1         21.       1         22.       1         23.       1         24.       1         25.       1         26.       1         27.       1 <td></td> <td>+</td> <td>130</td> <td>0.36</td> <td>300</td> <td><del>  \                                   </del></td> <td></td>		+	130	0.36	300	<del>  \                                   </del>	
6.						1	<u> </u>
7. E. S. 10. 11. 11. 12. 13. 14. 15. 16. 17. 16. 17. 20. 21. 22. 23. 24. 25. 25.				<u> </u>		!	<del> </del>
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11.         12.         13.         14.         15.         16.         17.         16.         19.         20.         21.         22.         23.         24.         25.         25.         27.         23.         27.         23.         25.         27.         23.         25.         25.         27.         23.         25.         27.         23.         25.         27.         28.         29.         21.         22.         23.         24.         25.         26.         27.         28.         29.         21.         22.         23.         24.         25.         26.         27.         28.         29.         21.         2	ç.			1	, ;		
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22.       23.       24.       25.       27.       23.       23.       24.       25.       26.       27.       23.       25.       26.       27.       28.       29.       21.       22.       23.       24.       25.       26.       27.       28.       29.       21.       22.       23.       24.       25.       26.       27.       28.       29.       21.       22.       23.       24.       25.       26.       27.       28.       29.       21.       21.       22.       23.       24.       25.       26.       27.       28.       29.       21.       21.       22.       23.       24.       25.       26.       27.       28.       29. </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>!</td> <td></td>						!	
23.       24.       25.       27.       23.       23.       25.							
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2-95

17,2/25/01

#### 1B

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

			BG-NC DL
Lab Name:	FRIEND LABORATORY, INC.	Contract:	50 52

			<del></del>	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil)	water) SC	M	l ah Sam	nle ID: 1.62601-1.2X

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

CAS NO.	COMPOUND (ug/L or ug/k	(ug/L or ug/Kg) UG/KG		
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	
78-5 <del>9</del> -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	Ū	
88-74-4	2-Nitroaniline	2200	U	
131-11-3	Dimethyl phthalate	890	U	
208-96-8		890	U	
606-20-2	2,6-Dinitrotoluene	890	U	
99-09-2	3-Nitroaniline	2200	Ū	
83-32-9	Acenaphthene	890	Ū	
51-28-5	2,4-Dinitrophenol	2200	Ū	
100-02-7	4-Nitrophenol	2200	U	
132-64-9	Dibenzofuran	890	U	
121-14-2	2,4-Dinitrotoluene	890	Ü	

#### 1C

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORA	TORY, INC.	Cor	ntract:		BG-NC DE	-
Lab Code:	10252	Ca	se No.:	 s	AS No.:	SDO	G No.: PANAN	1
Matrix: (soil/v	vater)	SOIL	_		Lab Sample	e ID: L	.82601-1, 2X	
Sample wt/vo	ol:	30.056	(g/ml) G		Lab File ID	: <u>A</u>	1429.D	
Level: (low/n	ned)	LOW			Date Recei	ved: 0	1/11/01	. /
% Moisture:	25	de	canted:(Y/N)	N	Date Extra	cted: 0	2/05/01	ŗ.
Concentrated	Extract	Volume:	500 (uL)		Date Analy	zed: 0	2/27/01	
Injection Volu	ıme: 2.	.0 (uL)			Dilution Fa	ctor: 2	.0	

Y pH: 7.54

GPC Cleanup: (Y/N)

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	υ
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 NYSDEC SAMPLE NO.

Lat Name:	•	Contract:	<u> </u>	
Lab Code:	Case No.:	SAS No.:		
Matrix: (soilAvater)		· Lab Sar	mpia 10: <u>Llo2601</u>	<u>- 1</u>
Sample wovoils:	(c/:::)	Lab File	10: A1429.d	
Level: (low/med)		•	ceined:	
% Moistura: decanted: (	Y/N)	· Date Es	t===d:	
Concentrated Extract Volu	me:( <u>;::</u> .)	Data An	aiyzed:	
Injection Volume:	<u>(::L)</u>	Oñution i	Factor 2	
GFC Clashup: (Y/N)				
Number TICs found:	12		ENTRATION UNITS:	
CAS NUMBER	COMFICUNO NAME	l sī	EST. CONC.	i e
1.	Unknown	! 27.59	1 260	1 3
2.			1 390	! !
3.			1 320	1
4.		1 28.58		1
5.		1 31.55		!
6.		131.85		! !
7.		133.16		
ε.		133.49 1		
ç.		133.61		
10.		133.84 1		
11.		37.31	740	
12.	Į.	138.22 1	820 .	1
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FORM I-CLF-SV-TIC

18/3/1/01

2.95

21. 22. 23. 24. 25. 27. 23. 23. 23.

10/35

#### 1B

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-SS3 Lab Name: FRIEND LABORATORY, INC. Contract: Case No.: Lab Code: 10252 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 Date Extracted: 02/05/01 decanted:(Y/N) 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

CAS NO.	COMPOUND	(ug/L or ug/Kg) tig/KG	Q
108-95-2	Phenol	390	Ú
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	C
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	J
106-47-8	4-Chloroaniline	390	J
87-68-3	Hexachlorobutadiene	390	٦
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Héxachlorocyclopentadiene	390	٥
88-06-2	/2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	/ 2-Chloronaphthalene	390	J
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	Ü
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

NYSDEC SAMPLE NO.

# 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

T	P.	s	s	3
•	•	_	_	•

Lab Name:	FRIEND	LABORATORY, INC.	(	Contract:		_
Lab Code:	10252	Case No.:		SAS No.: S	SDG No.: PANAM	
Matrix: (soil/	water)	SOIL		Lab Sample ID:	: L62601-2	, d
Sample wt/vo	ol:	30.076 (g/ml) G		Lab File ID:	B1792.D	
Level: (low/n	ned)	LOW		Date Received:	: 01/11/01	
% Moisture:	15.1	decanted:(Y/N) _	_ N	Date Extracted:	02/05/01	
Concentrated	Extract	Volume: <u>500</u> (uL)		Date Analyzed:	02/22/01	
Injection Volu	ıme: <u>2.</u>	0 (uL)		Dilution Factor:	1.0	
GPC Cleanur	o: (Y/N)	Y pH: 749			et e	

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	C
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	ل
207-08-9	Benzo(k)fluoranthene		390	Ū
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	Ü
191-24-2	Benzo(g,h,i)perylene		390	U

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO

Lab Name:		<u> </u>	Contract			1		<u>:</u>
Lab Code:	. Cas	e No.:	SAS N	a.:		SCG No.:		
Matrix: (soil/vater)				· La	فاوشدک د	:io: Lls 21s	2-10	
Sample wdvol.	(c/:::)			Ĺs	à Fiie 10:	B1792.	7	
Level: (law/med)						red:		
	inted: (Y/N)					::4:		
•	act Volume:		•			ed:		-
Injection Volume: _								_
				Out	eca rac	:c		_
GPC Claanup: (Y/	(14)	2H:	*****					
Number TICs found	: <b>O</b>					ration units pg/kg) <b>UG   K</b>		
CAS NUMBER		CMF CUND NAME				EST. CONC.	<u> </u>	G I
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3.								
4.								
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7. £.	-			<u> </u>	!		<del>i</del>	
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1B NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		TP-SS3 RE
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

Lab Name:

#### **CONCENTRATION UNITS:**

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

108-95-2	Phenol	390	U	_\ <b>v</b>
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	- Value
67-72-1	Hexachloroethane	390	U	] {
98-95-30	Nitrobenzene	390	U	] ;
78-59-1	Isophorone	390	U	1
88-75-52	2-Nitrophenol	390	U	] {
105-67-9	2,4-Dimethylphenol	390	U	1
111-91-1	bis(2-Chloroethoxymethane)	390	U	Į.
120-83-2	2,4-Dichlorophenol	390	U	1
120-82-1	1,2,4-Trichlorobenzene	390	U	1
91-20-3	Naphthalene	390	U	1
106-47-8	4-Chloroaniline	390	U	7
87-68-3	Hexachlorobutadiene	390	U	7
59-50-7	4-Chloro-3-methylphenol	390	U	- American
91-57-6	2-Methylnaphthalene	390	U	7
77-47-4	Hexachlorocyclopentadiene	390	U	] ]
88-06-2	2,4,6-Trichlorophenol	390	U	7
95-95-4	2,4,5-Trichlorophenol	980	U	7
91-58-7	2-Chloronaphthalene	390	U	7
88-74-4	2-Nitroaniline	980	U	7
131-11-3	Dimethyl phthalate	390	٥	1
208-96-8	Acenaphthylene	390	U	7
606-20-2	2,6-Dinitrotoluene	390	U	1
99-09-2	3-Nitroaniline	980	U	1
83-32-9	Acenaphthene	390	Ū	1
51-28-5	2,4-Dinitrophenol	980	Ü	1
100-02-7	4-Nitrophenol	980	Ū	
132-64-9	Dibenzofuran	390	Ū	1
121-14-2	2,4-Dinitrotoluene	390	Ü	1,

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NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	Co	ntract:		17-000 RE
Lab Code:	10252	Ca	se No.:	{	SAS No.:	SDO	G No.: PANAM
Matrix: (soil/v	vater)	SOIL	<b></b>		Lab Sample	ID: L	62601-2
Sample wt/vo	ol:	30.076	(g/ml) G		Lab File ID:	В	1811.D
Level: (low/n	ned)	LOW	_		Date Receiv	ed: <u>0</u>	1/11/01
% Moisture:	15.1	ded	canted:(Y/N) _	N	Date Extract	ed: <u>0</u>	2/05/01
Concentrated	Extract	Volume: 5	00 (uL)		Date Analyzo	ed: <u>0</u>	2/27/01
Injection Volu	me: <u>2</u> .	0 (uL)			Dilution Fact	or: <u>1</u>	.0
GPC Cleanup	): (Y/N)	Υ	pH: 7.49				

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q	
84-66-2	Diethyl phthalate	390	U	ひる
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	Pentachiorophenol	980	U	$]\psi$
85-01-8	Phenanthrene	65	J	] = =
120-12-7	Anthracene	390	U	् ज
86-74-8	Carbazole	390	U	] }
84-74-2	Di-n-butyl phthalate	390	U	] [
206-44-0	Fluoranthene	390	Ų	<b>1</b>
129-00-0	Pyrene	190	J	3
85-68-7	Butylbenzyl phthalate	390	U	0.5
91-94-1	3,3'-Dichlorobenzidine	390	U	] <b>J</b>
56-55-3	Benzo(a)anthracene	67	J	3
218-01-9	Chrysene	82	J	र तथवार
117-81-7	bis-2-Ethylhexyl phthalate	65	J	1
117-84-0	Di-n-octyl phthalate	390	U	して
205-99-2	Benzo(b)fluoranthene	390	U	7 }
207-08-9	Benzo(k)fluoranthene	390	U	1
50-32-8	Benzo(a)pyrene	75	J	37
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	」つコ
53-70-3	Dibenzo(a,h)anthracene	390	Ü	*
191-24-2	Benzo(g,h,i)perylene	390	U	

SEMIVOLATILE ORGANICS ANALTOID DATA DITELT TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO. Lat Name:\_\_\_\_ Contract: Lab Code:\_\_\_\_\_ SAS No.:\_\_\_\_\_ 50G No.:\_\_\_\_ Case No.:\_\_\_\_ · Lab Sample ID: <u>LU</u>2601-2 Matrix: (soil/vater) \_\_\_\_ Sample wdvoi!// (c/mi.) Lab Fie 10: A B1811. 2 Levei: (low/med) Date Received: % Moistura: decanted: (Y/N) \_\_\_\_\_ Osta Estracadi\_\_\_\_\_ Concentrated Extract Volume: (%) Data Analyzed:\_\_\_\_ Injection Volume: \_\_\_\_\_(µL) Oilution Factor GPC Cleanup: (Y/N) \_\_\_\_ SH: \_\_\_\_ CONCENTRATION UNITS: Number TICs found: (har as have) CAIRO CAS NUMBER COMPOUND NAME 87 EST. CONC. Unknown 26.87 280 3. ŝ. 7. ε. 10. 11. 12. 13. 15. 1ĉ. 19. 20. 21.

FORM I-CLF-SV-TIC

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25. 25. 27. 23. 23. 1B

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	EDIEND	LABORAT	OBY INC	•	Contract:	1P-1P1,2 DL1
Lab Naine.	FRIEND	POPOLY	OKT, INC.	— `	Jona G	_
Lab Code:	10252	Cas	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/v	water)	SOIL	_		Lab Sample ID:	L62601-4, 10X
Sample wt/vo	ol:	30.014	(g/mľ) G		Lab File ID:	B1810.D
Level: (low/n	ned)	LOW	-		Date Received:	01/11/01
% Moisture:	18.5	dec	anted:(Y/N)	N	Date Extracted:	02/05/01
Concentrated	Extract	Volume: 5	00 (uL)		Date Analyzed:	02/27/01
njection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	10.0
GPC Cleanup	o: (Y/N)	Y	pH: 7.6			

#### **CONCENTRATION UNITS:**

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q	
108-95-2	Phenol	4100	U	フレゴ
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	_ 1
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	$\neg$ $\blacksquare$
59-50-7	4-Chloro-3-methylphenol	4100	U	1
91-57-6	2-Methylnaphthalene	4100	U	$\neg$ !
77-47-4	Hexachlorocyclopentadiene	4100	U	7 1
88-06-2	2,4,6-Trichlorophenol	4100	U	7/
95-95-4	2,4,5-Trichlorophenol	10000	U	7/
91-58-7	2-Chloronaphthalene	4100	U	
88-74-4	2-Nitroaniline	10000	U	1
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	<b>V</b>
83-32-9	Acenaphthene	1500	JD	14-
51-28-5	2,4-Dinitrophenol	10000	U	ユモー
100-02-7	4-Nitrophenol	10000	U	<b>□</b> •
132-64-9	Dibenzofuran	1100	JD	73_
121-14-2	2,4-Dinitrotoluene	4100	U	707

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NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-TP1,2 DL1

Lab Name:	FRIEND	LABORA	TORY, INC.	Co	ontract:		
Lab Code:	10252	Ca	se No.:		SAS No.:	_ SE	OG No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample	ID:	L62601-4, 10X
Sample wt/vo	ol:	30.014	(g/ml) G		Lab File ID:		B1810.D
Level: (low/n	ned)	LOW	_		Date Receiv	ed:	01/11/01
% Moisture:	18.5	de	canted:(Y/N) _	N	_ Date Extrac	ted:	02/05/01
Concentrated	Extract	Volume:	500 (uL)		Date Analyz	ed:	02/27/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Fac	tor:	10.0
GPC Cleanup	o: (Y/N)	Υ	pH: 7.6				

**CONCENTRATION UNITS:** 

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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				_ \
84-66-2	Diethyl phthalate	4100	U	102
7005-72-3	4-Chlorophenylphenylether	4100	U	<u></u>
86-73-7	Fluorene	2600	JD	] ]
100-01-6	4-Nitroaniline	10000	U	JUI
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	1.
87-86-5	Pentachlorophenol	10000	U	
85-01-8	Phenanthrene	3000034000	58	]03
120-12-7	Anthracene	6600	D	_ 3
86-74-8	Carbazole	2300	JD	] 7
84-74-2	Di-n-butyl phthalate	4100	٦	Uゴ
206-44-0	Fluoranthene	29000	ם	7
129-00-0	Pyrene	21000	Δ	<b>J</b>
85-68-7	Butylbenzyl phthalate	4100	٦	しんユ
91-94-1	3,3'-Dichlorobenzidine	4100	U	] ⊻
56-55-3	Benzo(a)anthracene	11000	D	12
218-01-9	Chrysene	13000	D	
117-81-7	bis-2-Ethylhexyl phthalate	4100	٦	10.2
117-84-0	Di-n-octyl phthalate	4100	5	<u> </u>
205-99-2	Benzo(b)fluoranthene	14000	ם	
207-08-9	Benzo(k)fluoranthene	4300	D	<b>」</b>
50-32-8	Benzo(a)pyrene	9100	D	
193-39-5	Indeno(1,2,3-cd)pyrene	4900	D	] <b>[</b>
53-70-3	Dibenzo(a,h)anthracene	1500	JD	
191-24-2	Benzo(g,h,i)perylene	2700	JD	<b>\</b>

-z4<sup>5</sup> 4*6*101 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS IDX Lab Name: Lab Code:\_\_\_\_\_ Case No.: SAS No.:\_\_\_ SCG No.: Matrix: (soil/vater) \_\_\_\_ Lab Sample 10: LL02601-4 Sample wilvality (g/mi.) Lab File 10: B18 10 . d Levei: (low/med) \_\_\_\_\_ Date Received: % Moistura: decanted: (Y/N) \_\_\_\_\_ Date Extraced: Concentrated Extract Volume: (::) Data Analyzed:\_ Injection Volume: (UL) Oilution Factor GPC Clasnup: (Y/N) \_\_\_\_ CONCENTRATION UNITS: (nag as halve) na Ika Number TICs found: 10

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CAS NUMBER	CCMFCUND NAME	l RT l	EST. CONC.	C
1.	Unknown	124.27 !	2000	15
2.	(PAH)	126.22	1900	!
3.	( ")	126.30	2300	1
4.		126.53	3100	
5.		127.22	1700	
5.		30.22	1600	1 1
7.		130.43	1500	
8.		132-13 1	1000	i
ę.		132.25	A	
10.		136.82	7400	1
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LS.
8-95 MB, 2/28/0/
10/55 (Results

#### 1B

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-TP1,2 DL2

Lab Name:	FRIEND	LABORAT	TORY, INC.	Cont	ract:	L	17-17-1,2	
Lab Code:	10252	Ca	se No.:	— SA	 AS No.:	SDG	No.: PAN	AM_
Matrix: (soil/	water)	SOIL			Lab Sample	 D: LE	32601-4, 20>	(
Sample wt/vo	ol:	30.014	(g/ml) G		Lab File ID:	<u>A</u>	1428.D	
Level: (low/r	med)	LOW	_		Date Receiv	ved: <u>0</u> 1	1/11/01	_
% Moisture:	18.5	de	canted:(Y/N) _	N	Date Extrac	ted: <u>02</u>	2/05/01	_
Concentrated	i Extract	Volume:	500 (uL)		Date Analyz	zed: <u>02</u>	2/27/01	نىمىيىيى 
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Fac	tor: <u>20</u>	D.O .	<u> </u>
GPC Cleanu	p: (Y/N)	Y	pH: 7.6				مراجع المراجع	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG/	Q	
108-95-2	Phenoi	£8200	U	
111-44-4	bis(2-Chloroethylether)	3 8200	Ü	
95-57-8	2-Chlorophenol	8200	Ü	
541-73-1	1,3-Dichlorobenzene	8200	Ü	
106-46-7	1,4-Dichlorobenzene	8200	Ü	
95-50-1	1,2-Dichlorobenzene	8200	U	
95-48-7	2-Methylphenol	8200	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	<u>\$ 8200</u>	U	
106-44-5	4-Methylphenol	8200	Ū	
621-64-7		8200	·U	
67-72-1	Hexachloroethane	8200	Ü	
98-95-30	Nitrobenzene	8200	Ü	
78-59-1	Isophorone 🦿	8200	Ü	
88-75-52	2-Nitrophenol	8200	Ü	
105-67-9	2,4-Dimethylphenol	8200	Ü	
111-91-1	bis(2-Chloroethoxymethane)	8200	Ü	
120-83-2	2,4-Dichlorophenol	8200	Ü	
120-83-2	1,2,4-Trichlorobenzene	8200	Ü	
91-20-3	Naphthalene	8200	Ü	
106-47-8	4-Chloroaniline	8200	Ü	
87-68-3	Hexachlorobutadiene	8200	U	
59-50-7	4-Chloro-3-methylphenol	8200	Ü	
91-57-6	2-Methylnaphthalene	8200	Ü	
77-47-4	Hexachlorocyclopentadiene	8200	Ü	
88-06-2	2,4,6-Trichlorophenol	8200	U	
95-95-4	2,4,5-Trichlorophenol	20000	Ü	
	2-Chloronaphthalene	8200	Ü	
91-58-7		20000	Ü	
88-74-4	2-Nitroaniline	8200	Ü	
131-11-3	Dimethyl phthalate		Ü	
208-96-8	Acenaphthylene	8200		
606-20-2	2,6-Dinitrotoluene	8200	U	
99-09-2	3-Nitroaniline	20000	Ü	
83-32-9	Acenaphthene	1900	JD	
51-28-5	2,4-Dinitrophenol	20000	U	
100-02-7	4-Nitrophenol	20000	Ü	
132-64-9	Dibenzofuran	1400	JD	
121-14-2	2,4-Dinitrotoluene	8200	U	

## 1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	С	ontract:		TP-TP1,2 DL2
Lab Code:	10252	Ca	se No.:		SAS No.:	SDO	No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample	ID: L	62601-4, 20X
Sample wt/vo	ol:	30.014	(g/ml) G		Lab File ID:	A	1428.D
_evel: (low/n	ned)	LOW	_		Date Receive	ed: 0	1/11/01
% Moisture:	18.5	dec	canted:(Y/N)	N	Date Extracto	ed: 02	2/05/01
Concentrated	Extract	Volume: 5	500 (uL)		Date Analyze	ed: <u>0</u> 2	2/27/01
njection Volu	ıme: <u>2</u> .	0 (uL)			Dilution Fact	or: <u>2</u> 0	0.0
SPC Cleanur	o.	~	nH· 76				

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

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

Lab Name:		Contract	11
Lab Code:	Case No.:	SAS No.:	. SDG No.:
Matrix: (soil/vater)			Lab Sample 10: 112001 - 4
Sample wovol.	2/mi.)		Lab File 10: <u>A 1428</u> . d
Level: (low/med)			Data Received:
% Moisture: decanted: (Y/N	<del>(</del> )		Oate Estracted:
Concentrated Extract Volume	e:(;=!.)	•	Date Analyzed:
Injection Volume:	(hr)		Offiction Factor 20
GFC Cleanup: (Y/N)	2×		
Number TICs found: 8			CONCENTRATION UNITS:

CAS NUMBER	COMFICUNO NAME	_   st	EST. CONC.	ic
1.	Unknown	25.55!	1900	・ラ
2.		27.51	2300	11
3.		127.59	2800	T
4.		127.84	4100	
5.		128:501	1600	
5.		31.54	3100	
ī.		131.75	2100	
٤.	(PH)	138.21	6200	J ;
9.		1	. :	
10.		1	!	i
11.		1 !	į.	Ţ.
12.			.!	i
13.		1 !	!	i
14.		1	1	į
15.		i · !	l	
16.		1 - 1	i	
17.		!	i	į
15.			:.	
19.		1		i
20.		1		!
21.				
22.				
23.			4	i
24.			_	
25.			1	1
25.		1	1	
27.				
23.		1		
9.		I		i
s.		<u>i</u> .i	i	i

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## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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Lab Name:	FRIEND	LABORATORY, INC.	Cor	ntract:		IP-1P3
Lab Code:	10252	Case No.:		 SAS No.:	SD	G No.: PANAM
Matrix: (soil/	water)	SOIL		Lab Sample	ID: L	_62601-5
Sample wt/ve	ol:	30.048 (g/ml) G		Lab File ID:	<u> </u>	31795.D
Level: (low/r	med)	LOW		Date Receiv	red: (	01/11/01
% Moisture:	14.6	decanted:(Y/N)	_N	Date Extrac	ted: 0	02/05/01
Concentrated	d Extract	Volume: 500 (uL)		Date Analyz	ed: (	02/22/01
Injection Vol	ume: 2	.0 (uL)		Dilution Fac	tor: 1	1.0
GPC Cleanu	p: (Y/N)	Y pH:				

CAS NO.	COMPOUND	(ug/L or ug/Kg	) UG/KG	Q
108-95-2	Phenol		390	U
111-44-4	bis(2-Chloroethylether	r)	390	U
95-57-8	2-Chlorophenol	He.	390	U
541-73-1	1,3-Dichlorobenzene	ŗ	390	U
106-46-7	1,4-Dichlorobenzene	par	390	C
95-50-1	1,2-Dichlorobenzene	اُ و	390	U
95-48-7	2-Methylphenol	uzr.	390	C
108-60-1	2,2'-oxybis(1-Chloropr	opane)	390	C
106-44-5	4-Methylphenol	F	390	C
621-64-7	N-Nitrosodi-n-propylar	mine	390	U
67-72-1	Hexachloroethane	e <sup>r</sup>	390	C
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-Chloroethoxyme	thane)	390	U
120-83-2	2,4-Dichlorophenol		390	U
120-82-1	1,2,4-Trichlorobenzen	e	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-methylphe	nol	390	U
91-57-6	2-Methylnaphthalene		250	J
77-47-4	<ul> <li>Hexachlorocyclopenta</li> </ul>	diene	390	U
88-06-2	2,4,6-Trichlorophenol		390	U
95-95-4	2,4,5-Trichlorophenol		970	U
91-58-7			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	Ū
83-32-9	Acenaphthene		110	J
/51-28-5	2,4-Dinitrophenol		970	U
100-02-7	4-Nitrophenol		970	Ū
132-64-9	Dibenzofuran		390	U
121-14-2	2,4-Dinitrotoluene		390	Ù

#### 1C

NYSDEC SAMPLE NO.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND LABO	RATORY, 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

COMPOUND

Diethyl phthalate

GPC Cleanup: (Y/N) Y pH:

CAS NO.

84-66-2

193-39-5

53-70-3

191-24-2

#### **CONCENTRATION UNITS:**

510

390

390

U

(ug/L or ug/Kg) UG/KG

7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	Ü
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
94.74.9	Di a hutul abtholoto	200	1.1

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	J
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	J
117-84-0	Di-n-octyl phthalate	390	J
205-99-2	Benzo(b)fluoranthene	760	
207-08-9	Benzo(k)fluoranthene	200	J
50-32-8	Benzo(a)pyrene	520	

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS Lab Name: Contract: Lab Code:\_\_\_\_\_ Case No.: SAS No.:\_\_\_\_ SEG No.: Lao Sample 10: LL02601-5 Matrix: (soil/yater) \_\_\_ Sample wovol.

Level: (low/med) % Moisture: decanted: (Y/N)

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

Injection Valume: \_\_\_\_\_(µL)

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

Number TICs found: 20

Lab File 10: 81795.d

Date Received:

Data Extracad:\_

Data Analyzed:\_

Oilution Factor

עם אכבא נרכא ווטא טא	
(pgil ar pgikg) <u>U</u>	Ke.
	1

			<u> </u>	
CAS NUMBER	COMPICUND NAME	RT	EST. CONC.	i e
1.	Unknown	10.89	! (660)	13
2.		11.73	1100	11
3.		12.40	1200	
4.		13.06	1 810	1
5.		1341	820	1
Ĝ.		13.54	610	
7.		14.54	740	
٤.		114.88	780	İ
<u>e</u> .		115.16	780	
10.		15.33	5&O	1
11.		15.71	690	!!!
12.		16.32 1	: ==0.0	1
13.		16.42	580	1 1
14.		17.44	820	
15.		117.68	1200	1
16.		18.67	670	
17.		1950 !	970	
13.		19.67	2200	
19.		122.59	1300	
20.	1	23.41	1800	
21.			1000	
22.				
23.			60	
24.		i		
25.		i	1	
25.		i	i	
27.			1	
23.		<u> </u>	1	
29.				<del></del> i
20.		1 ,1		

FORM I-CLF-SV-TIC

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#### 1B

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORATORY, INC.	Contra	act:	TP-TP3 RE
Lab Code:	10252	Case No.:	SAS	S No.: S	DG No.: PANAM
Matrix: (soil/v	vater)	SOIL		Lab Sample ID:	L62601-5
Sample wt/vo	ol:	30.073 (g/ml) G		Lab File ID:	A1228.D
Level: (low/n	ned)	LOW		Date Received:	01/11/01
% Moisture:	14.6	decanted:(Y/N)	<u>N</u>	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:

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	C
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	Ū
83-32-9	Acenaphthene	340	J
51-28-5	2,4-Dinitrophenol	970	Ü
100-02-7	4-Nitrophenol	970	Ū
132-64-9	Dibenzofuran	72	J
121-14-2	2,4-Dinitrotoluene	390	Ü

GPC Cleanup: (Y/N) Y pH:

COMPOUND

CAS NO.

Q

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	Contract:	IP-IP3 RE
Lab Code:	10252	Cas	se No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/v	vater)	SOIL		Lab Sample	ID: L62601-5
Sample wt/vo	ol:	30.073	(g/ml) G	Lab File ID:	A1228.D
Levei: (low/n	ned)	LOW		Date Receiv	ed: 01/11/01
% Moisture:	14.6	dec	anted:(Y/N)	N Date Extract	ed: 01/15/01
Concentrated	Extract	Volume: 5	00 (uL)	Date Analyz	ed: 01/30/01
njection Volu	ıme: <u>2.</u>	0 (uL)		Dilution Fact	or: <u>1.0</u>

## **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

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	Ú
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	Ū
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	

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	FENTATIVELY IDEN	TIFIED COMPOUNDS	NYSOEC SAMP	LE NO.
Lab Name:	· .	Contract:	· I · · · ·	
Lab Code:	Case No.:	SAS No.:	SCG No.:	
Matrix: (soil/vater)			mpie 10: <u>Llo2601</u>	
Sample wovoils:	_( <u>c/:::</u> )	Lab File	io:A1228.d	
Levei: (low/med)				
% Meistura: decanted: (			tacad:	
Concentrated Extract Volt		•	i)::::::	
Injection Volume:			Ficin	
GPC Claznup: (Y/N)	_ ;*:			
Number TICs (cund:			ENTRATION UNITS:	-
CAS NUMBER	COMFICUND NAME	1 57	EST. CONC.	iς
1.	Unknown	12.13	! 520	13
2.		1 12.40	1 430	!
3.		1 12.76	1 510	
4.		112.92	1 480	
5.		13.06	860	-!-
<u>6.</u>		1 13.49		
7.			1000	
ξ. ς.			570	-!
		14.26		
10.		14.36 1		
12.		14.63		<del>:  -</del>
13.		14.74		· <del>!   -</del>
14.		15.65		<del></del>
15.		115.971	830	<del>¦                                    </del>
15.		16.54!		<del>!   -</del>
17.		1 17.14	1400 680	: i
iā.		17.54	620	<del>:  </del>
19.		17.97	470	11
20.		1 18.27 1	610	
21.		1 [8.51 ]	1500	
22.		118.821		
23.		1 19.04 1	1800	it
24.		1 19.61	450	
25.		1 19.70 1		1 1
25.		20.34		
27.		1 20.50 1	2500	
23.		1 23.46 1	1200	
23.		124.361		
3G.	J	125.78.1	460	1

| 23.46 | | 24.36 | | 25.78 .1 FORM I-CLF-SV-TIC

2-95 -

1B

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORATORY, INC.	Contract:	SS4
Lab Code:	10252	Case No.:	SAS No.: S	DG No.: PANAM
Matrix: (soil/	water)	SOIL	Lab Sample ID:	L62601-8
Sample wt/vo	ol:	30.061 (g/ml) G	_ Lab File ID:	B1794.D
Level: (low/r	ned)	LOW	Date Received:	01/11/01
% Moisture:	20.5	decanted:(Y/N)!	N Date Extracted:	02/05/01
Concentrated	i Extract	Volume: 500 (uL)	Date Analyzed:	02/22/01
Injection Volu	ıme: <u>2</u> .	0 (uL)	Dilution Factor:	1.0

GPC Cleanup: (Y/N) Y pH: 7.79

108-95-2	CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q	
111-44-4   bis(2-Chloroethylether)   420   U   95-57-8   2-Chlorophenol   420   U   106-46-7   1,4-Dichlorobenzene   420   U   106-46-7   1,4-Dichlorobenzene   420   U   95-50-1   1,2-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   106-44-5   4-Methylphenol   420   U   106-44-5   4-Methylphenol   420   U   106-44-5   4-Methylphenol   420   U   106-44-5   4-Methylphenol   420   U   107-72-1   Hexachloroethane   420   U   107-72-1   Hexachloroethane   420   U   108-89-30   Nitrobenzene   420   U   105-87-9   2,4-Dimethylphenol   420   U   105-87-9   2,4-Dimethylphenol   420   U   105-87-9   2,4-Dimethylphenol   420   U   120-83-2   2,4-Dichlorophenol   420   U   120-83-2   2,4-Dichlorophenol   420   U   120-83-1   1,2,4-Trichlorobenzene   420   U   120-83-1   1,2,4-Trichlorobenzene   420   U   120-83-3   Hexachlorobutadiene   420   U   17-47-4   4-Chloro-3-methylphenol   420   U   191-57-6   2-Methylnaphthalene   420   U   191-57-6   2-Methylnaphthalene   420   U   191-57-6   2-Methylnaphthalene   420   U   191-57-6   2-Methylnaphthalene   420   U   191-58-7   2,4-Dirichlorophenol   420   U   191-58-7   2,4-Dirichlorophenol   420   U   191-58-7   2,5-Dirichlorophenol   420   U   191-58-7   2,5-Dirichlorophenol   420   U   191-58-7   2,5-Dirichlorophenol   420   U   191-58-7   2,5-Dirichlorophenol   420   U   191-58-8   Acenaphthylene   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichrophenol   420   U   191-58-5   2,5-Dirichroph	108-95-2	Phenol	420	U O	
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   95-50-1   1,2-Dichlorobenzene   420   U   108-60-1   2,2'-oxybis(1-Chloropropane)   420   U   108-60-1   2,2'-oxybis(1-Chloropropane)   420   U   106-44-5   4-Methylphenol   420   U   106-44-5   4-Methylphenol   420   U   106-44-5   4-Methylphenol   420   U   106-47-1   1   1   1   1   1   1   1   1   1		bis(2-Chloroethylether)	420	U	
106-46-7	95-57-8		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           120-83-2         2,4-Dichlorophenol         420         U           106-47-8         4-Chloroaniline         420         U           87-68-3         Hexachlorobutadiene         420         U           87-68-3         Hexachlorobutadiene         420         U           95-50-7         4-Chloroanjtine         420         U	541-73-1	1,3-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           99-50-7         4-Chloro-3-methylphenol         420         U           195-95-6         2-Methylnaphthalene         420         U </td <td>106-46-7</td> <td>1,4-Dichlorobenzene</td> <td>420</td> <td>U</td>	106-46-7	1,4-Dichlorobenzene	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     120-83-1   1,2,4-Trichlorobenzene   420   U     91-20-3   Naphthalene   420   U     91-8-8-3   Hexachlorobutadiene   420   U     97-57-6   2-Methylnaphthalene   420   U     99-59-7   4-Chloro-3-methylphenol   420   U     77-47-4   Hexachlorocyclopentadiene   420   U     88-06-2   2,4,6-Trichlorophenol   420   U     98-95-4   2,4,5-Trichlorophenol   420   U     91-58-7   2-Chloronaphthalene   420   U     91-58-7   2-Chloronaphthalene   420   U     91-58-7   2-Chloronaphthalene   420   U     91-11-3   Dimethyl phthalate   420   U     91-58-7   2-Chloronaphthalene   420   U     91-58-7   2-	95-50-1	1,2-Dichlorobenzene	420	U	
106-44-5	95-48-7	2-Methylphenol	420	U	
106-44-5	108-60-1	2,2'-oxybis(1-Chloropropane)	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           91-20-3         Naphthalene         420         U           87-68-3         Hexachlorobutadiene         420         U           87-68-3         Hexachlorobutadiene         420         U           99-50-7         4-Chloro-3-methylphenol         420         U           91-57-6         2-Methylnaphthalene         420         U           98-06-2         2,4,8-Trichlorophenol         420         U           95-95-4         2,4,5-Trichlorophenol         1000         U           91-58-7         2-Chloronaphthalene         420         U      <	106-44-5		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           91-20-3         Naphthalene         420         U           87-68-3         Hexachlorobutadiene         420         U           87-68-3         Hexachlorobutadiene         420         U           91-57-6         2-Methylnaphthalene         420         U           91-57-6         2-Methylnaphthalene         420         U           95-95-4         2,4,5-Trichlorophenol         420         U           95-95-4         2,4,5-Trichlorophenol         1000         U           91-58-7         2-Chloronaphthalene         420         U	621-64-7	N-Nitrosodi-n-propylamine	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           95-50-7         4-Chloro-3-methylphenol         420         U           91-57-6         2-Methylnaphthalene         420         U           88-06-2         2,4,6-Trichlorophenol         420         U           88-06-2         2,4,6-Trichlorophenol         1000         U           95-95-4         2,4,5-Trichlorophenol         1000         U           88-74-4         2-Nitroaniline         1000         U           88-74-4         2-Nitroaniline         420         U           208-96-8         Acenaphthylene         420         U	67-72-1		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           87-68-3         Hexachlorobutadiene         420         U           91-57-6         2-Methylnaphthalene         420         U           91-57-6         2-Methylnaphthalene         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           208-96-8         Acenaphthylene         420         U           606-20-2         2,6-Dinitrotoluene         420         U	98-95-30	Nitrobenzene	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           95-50-7         4-Chloro-3-methylphenol         420         U           91-57-6         2-Methylnaphthalene         420         U           91-57-6         2-Methylnaphthalene         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           88-74-4         2-Nitroaniline         420         U           208-96-8         Acenaphthylene         420         U           606-20-2         2,6-Dinitrotoluene         420         U	78-59-1	Isophorone	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           91-57-6         2-Methylnaphthalene         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	88-75-52	2-Nitrophenol	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           51-28-5         2,4-Dinitrophenol         1000         U	105-67-9	2,4-Dimethylphenol	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           51-28-5         2,4-Dinitrophenol         1000         U	111-91-1	bis(2-Chloroethoxymethane)	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           83-32-9         Acenaphthene         420         U           51-28-5         2,4-Dinitrophenol         1000         U           100-02-7         4-Nitrophenol         1000         U	120-83-2		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           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	120-82-1			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           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				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				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		Hexachlorobutadiene		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	59-50-7	4-Chloro-3-methylphenol	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	91-57-6		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	77-47-4		420	Uį	
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	88-06-2			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	95-95-4	2,4,5-Trichlorophenol	1000	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	91-58-7	2-Chloronaphthalene	420	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	88-74-4		1000	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				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				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				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					
51-28-5         2,4-Dinitrophenol         1000         U           100-02-7         4-Nitrophenol         1000         U           132-64-9         Dibenzofuran         420         U					
100-02-7         4-Nitrophenol         1000         U           132-64-9         Dibenzofuran         420         U					
132-64-9 Dibenzofuran 420 U					

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	TORY, INC	<b>C</b> .	Contract:		SS4
Lab Code:	10252	Ca	se No.: _		SAS No.	:s	DG No.: PANAM
Matrix: (soil/	water)	SOIL	_		Lab	Sample ID:	L62601-8
Sample wt/ve	ol:	30.061	(g/ml) <u>(</u>	G	Lab	File ID:	B1794.D
Level: (low/r	med)	LOW	<u> </u>		Date	e Received:	01/11/01
% Moisture:	20.5	ded	canted:(Y/	N)1	l Date	e Extracted:	02/05/01
Concentrated	d Extract	Volume:	500 (ı	ıL)	Date	e Analyzed:	02/22/01
Injection Volu	ume: <u>2</u> .	.0 (uL)			Dilu	tion Factor:	1.0
GPC Cleanu	p: (Y/N)	Y	pH: 7.7	9			

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

84-66-2	Diethyl phthalate	420	U	$\neg \cup Z$
7005-72-3	4-Chlorophenylphenylether	420	U	$\square$ )
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	$\square I$
101-55-3	4-Bromophenylphenylether	420	U	$\Box I$
118-74-1	Hexachlorobenzene	420	U	
87-86-5	Pentachlorophenol	1000	Ü	
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	Ü	3
129-00-0	Pyrene	130	J	
85-68-7	Butylbenzyl phthalate	420	U	ئد ليما
91-94-1	3,3'-Dichlorobenzidine	420	U	18.00
56-55-3	Benzo(a)anthracene	49	J	-
218-01-9	Chrysene	58	J	_
117-81-7	bis-2-Ethylhexyl phthalate	420	U	1.75
117-84-0	Di-n-octyl phthalate	420	U	71
205-99-2	Benzo(b)fluoranthene	420	U	
207-08-9	Benzo(k)fluoranthene	420	U	- X-
50-32-8	Benzo(a)pyrene	69	J	7
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	しょう
53-70-3	Dibenzo(a,h)anthracene	420	Ū	
191-24-2	Benzo(g,h,i)perylene	420	U	



#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO.

Lab Name:		 Contract:_		. l	
Lab Code:	Case No.:	SAS No.:	•	SGG No.:	
Matrix: (sail/vater)				ngia 10: <u>Llo2(o</u> C	
Sample wdvol.	(g/:::.)			10: Bi794.0	
Level: (low/med)				cained:	
% Moistura: dacante	d: (Y/N)		Data Est	taced:	
Concentrated Extract	Yolume:(;:L)		Oata An	iysed:	
Injection Volume:	(24)				
GPC Claanup: (Y/N)	=================================	** **			
Number TICs found:	5			ENTRATION UNITS: or using) Lylleg	
- CAS NUMBER	COMPOUND NAME		ST	EST. CONC.	[ 0 [
1.	Unknown		19.88	200	1 3
3.			23.27	170	
4.			26.95	140	
5.			35.08	200	
6.			35.51	840	!
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25.		1		<u>i</u>	
27.		<del></del>		1	<del></del> i
23.		<del></del>	<del></del>	i	
9.					
g.		1	,	1	i

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#### 1B

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMPI	LE NO.
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Lab Name:	FRIEND	LABORA	TORY, IN	C	Contra	act:		s	S4 RE
Lab Code:	10252	Ca	se No.:		SAS	S No.:	s	DG No.:	PANAM
Matrix: (soil/v	vater)	SOIL				Lab Sampl	e ID:	L62601-	8 ,
Sample wt/vo	ol:	30.015	(g/ml)	G	_	Lab File ID	:	A1241.D	
Level: (low/n	ned)	LOW				Date Recei	ived:	01/11/01	
% Moisture:	20.5	de	canted:(Y	/N)	N	Date Extra	cted:	01/15/01	per la companya di santa di sa
Concentrated	Extract	Volume:	500 (	uL)		Date Analy	zed:	01/31/01	
Injection Volu	ıme: 2.	0 (uL)				Dilution Fa	ctor:	1.0	
GPC Cleanup	o: (Y/N)	Y	pH: 7.7	79			azyorok	Ď	

CAS NO.	COMPOUND	(ug/L or ug/Kg) U		Q
108-95-2	Phenol	/	420	U
111-44-4	bis(2-Chloroethylether)	200	420	U
95-57-8	2-Chlorophenol	1	420	U
541-73-1	1,3-Dichlorobenzene	/	420	U
106-46-7	1.4-Dichlorobenzene	j	420	U
95-50-1	1,2-Dichlorobenzene		420	U
95-48-7	2-Methylphenol		420	U
108-60-1	2,2'-oxybis(1-Chloropropan	e)	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	2)	420	U
120-83-2	2,4-Dichlorophenol		420	U
120-82-1	1,2,4-Trichlorobenzene		420	Ū
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	Ū
91-57-6	2-Methylnaphthalene		420	Ū
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	Ū
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	Ü
121-14-2	2,4-Dinitrotoluene		420	Ü

#### 1C

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORATORY, INC.	Contract:		334 KE
Lab Code:	10252	Case No.:	SAS No	o.: SI	DG No.: PANAM
Matrix: (soil/	water)	SOIL	La	b Sample ID:	L62601-8
Sample wt/vo	ol:	30.015 (g/ml) G	La	b File ID:	A1241.D
Level: (low/r	ned)	LOW	Da	te Received:	01/11/01
% Moisture:	20.5	decanted:(Y/N)	N Da	te Extracted:	01/15/01
Concentrated	i Extract	Volume: 500 (uL)	Da	te Analyzed:	01/31/01
Injection Volu	ıme: <u>2</u> .	<u>0</u> (uL)	Dil	ution Factor:	1.0
GPC Cleanup	o: (Y/N)	Y pH: 7.79			<i>j</i> *

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

		· · ·	
84-66-2	Diethyl phthalate	420	Ú
7005-72-3	4-Chlorophenylphenylether	420	J
86-73-7	Fluorene	420	J
100-01-6	4-Nitroaniline	1000	J
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	42C	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	Ü
205-99-2	Benzo(b)fluoranthene	130	1
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	Ū
191-24-2	Benzo(g,h,i)perylene	110	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO. Lat Name:\_\_\_\_\_ Contract: Lat Code: Case No.:\_\_\_\_ SAS No.:\_\_\_\_ SEG No.:\_\_\_\_ Late Sample 10: <u>L62601-8</u> Mauriz: (soil/vater) Sample withouth: (c/mi.) LES FEE 10: A1241. d Levei: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Date Estraced: Concentrated Extract Volume: \_\_\_\_\_(): Data Analyzedt\_\_\_\_\_\_ Injection Volume: \_\_\_\_\_(pL) Olician Factor GPC Clashup: (Y/N) \_\_\_\_ CONCENTRATION UNITS: CHECK OF DERIVED TO THE COLOR Number TICs found:\_\_\_\_ 4 CAS NUMBER COMPICUND NAME 57 EST. CONC. 101 Unknown 20.59! 158 360 2. 124.00 1 200 | 24.92 | 110 135,94 10. ii. 12. 13. 14. 15. 17. íā. 19. 29. Z!. 22. 23. 24. 25. 27.

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#### 1B

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYS	DEC	SAMP	LE NO

Q

Lab Name:	FRIEND	LABORA	TORY, II	NC.	Contract:			TP5	
Lab Code:	10252	Ca	se No.:		SAS No.:	SD	G No.:	PANAM	معمم فيعوب
Matrix: (soil/	water)	SOIL	_		Lab Samp	le ID: L	62601-1	محر 10	
Sample wt/vo	oi:	30.095	(g/mi)	G	Lab File ID	): A	1418.D	1	

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

Date Extracted: 02/12/01 % Moisture: 15.5 decanted:(Y/N)

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

Dilution Factor: 1.0 Injection Volume: 2.0 (uL)

30.095 (g/ml) G

COMPOUND

GPC Cleanup: (Y/N) Y pH: 7.43

Sample wt/vol:

CAS NO.

#### CONCENTRATION UNITS:

(ug/L or/ug/Kg) UG/KG

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	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	J
106-44-5	4-Methylphenol	390	J
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	Ü
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	59	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	56	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	72	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	67	J
121-14-2	2,4-Dinitrotoluene	390	U

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1C	NYSDEC SAMPLE NO
EMIVOLATILE ORGANICS ANALYSIS DATA SHEET	

Lab Name:	FRIEND	LABORAT	ORY, INC	. (	Contract:	TP5
Lab Code:	10252	Ca	se No.:		SAS No.:S	DG No.: PANAM
Matrix: (soil/	vater)	SOIL	_		Lab Sample ID:	L62601-10
Sample wt/vo	ol:	30.095	(g/ml) G	i	Lab File ID:	A1418.D
Level: (low/n	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	15.5	ded	anted:(Y/N	N N	Date Extracted:	02/12/01
Concentrated	Extract	Volume:	500 (ul	L)	Date Analyzed:	02/22/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
GPC Cleanup	o: (Y/N)	Y	pH: 7.43	1	A Committee of the Comm	

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	

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAME

Lab Name:		_ כמונובכנ			ì	
Lab Code:	Case No.:	SAS No.:		SEG No.:	_	
Matrix: (soil/vater)				mgie i0: <u>LU</u> 2U01		
Sample wdvol			l sh File	10: A1418d		
Level: (low/med)		•		caived:		
% Moisture: decanted:						
•				taced:		
Concentrated Extract Yo			Data An	a)/==d:	-	1117261
Injection Volume:	(ドア)		Oiletion (	Factr		
GPC Clasnup: (Y/N)	_ =====================================					R47261
Number TICs found:	3 .			ENTRATION UNITS: . cr polike) US   Kg		3/2
CAS NUMBER	COMPOUND NAME		RT	EST. CONC.	l c	_
1.	Unknown		17.71	120		1 2
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#### NYSDEC SAMPLE NO.

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	TORY, INC.	C	ontract:		IFS DL
Lab Code:	10252	Ca	se No.:		SAS No.:	SDG	No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample	ID: LE	52601-10, 2X
Sample wt/vo	ol:	30.063	(g/mi) G		Lab File ID:	<u>B</u>	1751.D
_evel: (low/n	ned)	LOW	<del>-</del>		Date Receiv	ed: <u>0</u> 1	1/11/01
% Moisture:	15.5	ded	canted:(Y/N)	N	_ Date Extract	ted: <u>0</u> 1	1/18/01
Concentrated	Extract	Volume:	500 (uL)		Date Analyz	ed: <u>02</u>	2/19/01
njection Volu	ıme: <u>2</u> .	0 (uL)			Dilution Fact	tor: <u>2.</u>	0
GPC Cleanup	o: (Y/N)	Y	pH: 7.43				

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	Ú
98-95-30	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-52	2-Nitrophenol	790	Ū
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	Ü
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl phthalate	790	Ū
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	Ū
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	380	JD
51-28-5	2,4-Dinitrophenol	2000	Ü
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	440	JD
121-14-2	2,4-Dinitrotoluene	790	U

COMPOUND

CAS NO.

Q

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	TORY, INC	c	Contract:	TP5 DL
Lab Code:	10252	Ca	se No.:		SAS No.:S	DG No.: PANAM
Matrix: (soil/	water)	SOIL	_		Lab Sample ID:	L62601-10, 2X
Sample wt/vo	ol:	30.063	(g/ml) G	<u> </u>	Lab File ID:	B1751.D
Level: (low/n	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	15.5	ded	canted:(Y/N	N N	Date Extracted:	01/18/01
Concentrated	i Extract	Volume:	500 (u	L)	Date Analyzed:	02/19/01
Injection Volu	ıme: <u>2</u> .	0 (uL)			Dilution Factor:	2.0
GPC Cleanup	o: (Y/N)	Y	pH: 7.43	<u> </u>		

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

		( 0		
84-66-2	Diethyl phthalate	790	U	7
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	7
206-44-0	Fluoranthene	2700	D	7
129-00-0	Pyrene	3600	D	1
85-68-7	Butylbenzyl phthalate	790	U	70,2
91-94-1	3,3'-Dichlorobenzidine	790	U	U 2
56-55-3	Benzo(a)anthracene	1100	D	7 = 5
218-01-9	Chrysene	1100	D	=
117-81-7	bis-2-Ethylhexyl phthalate	80	JD	7
117-84-0	Di-n-octyl phthalate	790	U	FR.
205-99-2	Benzo(b)fluoranthene	1400	D	7.3
207-08-9	Benzo(k)fluoranthene	720	JD	1
50-32-8	Benzo(a)pyrene	1100	D	7
193-39-5	Indeno(1,2,3-cd)pyrene	790	U	R
53-70-3	Dibenzo(a,h)anthracene	790	Ü	7 1
191-24-2	Benzo(g,h,i)perylene	790	Ū	•

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSO

Lab Name:		Contract:	
Lab Code:	Case No.:	\$A\$ No.:	
Matrix: (soil/vater)		Lab Sample ID: <u>Llo2(o0)</u> -	10
Sample wt/vol.!//	(g/==L)	Lab File 10: 131751.d	
Level: (low/med)		Date Received:	_
% Moistura: dacanted:	(Y/N)	· Data Estracad:	77(
Concentrated Extract Vol		Date Analyzed:	1211110
Injection Valume:		Oiletton Factor.	0://
GPC Claanup: (Y/N)		Beife-angel	- 24770 - B:((
Number TICs found:	<u>6</u>	CONCENTRATION UNITS:	3/13
CAS NUMBER	COMPICUND NAME	RT.   EST. CONC.	9
1.	Unknown	114.87 ! 190 !	J
2.		16.81 200	
3.		77.8+17.18 160	
5.		18.61 260	+
5. I		18.88 160	
7.		19.13 160	
ε.		19.62 170	
<u>e</u> .		123.38   250	
10.		23.41   300	
i.		26.15   200	
2.		26.42   250 .	
3.		26.50 280	
5.		26.64 170	
6.		Zc. 74   400	
7.		27.45 540	
5.			
			!
		i i	
			<u>i</u>
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#### 1B

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SSS

Lab Name:	FRIEND	LABORAT	ORY, INC.		Contract:	
Lab Code:	10252	Cas	se No.:		SAS No.: SE	OG No.: PANAM
Matrix: (soil/v	water)	SOIL	_		Lab Sample ID:	لمحمو L62601-11
Sample wt/vo	ol:	30.039	(g/ml) G		Lab File ID:	A1427.D
Level: (low/n	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	20.1	dec	anted:(Y/N) _	N	Date Extracted:	02/05/01
Concentrated	Extract	Volume: 5	00 (uL)		Date Analyzed:	02/27/01
Injection Volu	ıme: <u>2</u>	.0 (uL)			Dilution Factor.	1.0
GPC Cleanu	p: <b>(Y/N)</b>	<u> </u>	pH: 7.4	-	N rose of the stat	

CAS NO.	COMPOUND	(ug/L_or ug/Kg) UG/KG	Q
108-95-2	Phenol	2 420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	<b>d</b> 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	J
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropa	ne) 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-Chloroethoxymethan		U
120-83-2	2,4-Dichlorophenol	420	Ü
120-82-1	1,2,4-Trichlorobenzene	420	Ū
91-20-3	Naphthalene	420	Ū
106-47-8	4-Chloroaniline	420	Ü
87-68-3	Hexachlorobutadiene	420	Ū
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	Ü
	Hexachlorocyclopentadien		Ü
88-06-2	2,4,6-Trichlorophenol	420	Ū
95-95-4	2,4,5-Trichlorophenol	1000	Ū
91-58-7	2-Chloronaphthalene	420	Ū
88-74-4	2-Nitroaniline	1000	<del>- Ŭ</del>
131-11-3	Dimethyl phthalate	420	Ü
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	Ū
99-09-2	3-Nitroaniline	1000	Ü
83-32-9	Acenaphthene	420	Ū
51-28-5	2,4-Dinitrophenol	1000	Ü
100-02-7	4-Nitrophenol	1000	Ū
132-64-9	Dibenzofuran	420	Ü
121-14-2	2,4-Dinitrotoluene	420	Ü

NYSDEC SAMPLE NO.

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SEMIVOL	ATII F	ORGANICS	S ANALYSIS	DATA	SHEET
SEMIVUL	AIILE	URGANIC	S AIVAL TOIG	UMIA	SHEET

	SEMIN	JLATILE ORGANICS	ANALTSIS DATA SE	1551	gr <sup>an</sup>
Lab Name:	FRIEND LA	BORATORY, INC.	Contract:	SS	35
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PA	ANAM parate

Matrix: (soil/water)	SOIL	Lab Sample ID:	L62601-11	فيد محريم

Sample wt/vol: 30.039 (g/ml) G Lab File ID: A1427.D Level: (low/med) LOW Date Received: 01/11/01 >

Date Extracted: 02/05/01 % Moisture: 20.1 decanted:(Y/N) Ν

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

Dilution Factor: 1.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.4

COMPOUND

CAS NO.

#### CONCENTRÁTION UNITS:

(ug/L or ug/Kg) UG/KG

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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 2	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 A	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE

Lat Name:		Contract:				
Lad Code:	Case No.:					
Matrix: (sailAvater)				imple 10: <u>LL240</u>		
	( <u>c/mi.)</u>			e 10: A1427. d		
Level: (low/med)				acsived:		
% Meistura: dacante	±: (Y/N)			:[2024:		
Concentrated Extract \		•		:aiy::ed:		_
Injection Volume:				Factor		1247216
GPC Clasnup: (Y/N)			Ulleasn	racir		2'00
c. o dieznep. (m)	<del></del>		covo	ENTRATION UNITS:		1247216 Bicc 3/1
Number TICs found:	13			r et hätyä) <b>ra I ko</b> d ser tra II ou gullar		311
CAS NUMBER	COMPOUND NAME		RT RT	EST. CONC.	İG	
1.	Unknown		20.88	! 220	BJ	!
2.			24.30	1 190	13,	
3.			27.99	100		
4.			34.15		-!	
5.			36,17	450	$\bot$	
6. 7.			36.90	580	+	-! /
ε.			37.50	1400		
g.			38.00	230		
10.			38.07	320	-	
11.			39.52 1 40.10	140	++-	· /
12.			42.87	240 130 .	++-	
13.			43.01	140	1	iv
14.			13.01	740	<del>                                     </del>	<u>-</u> 1
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19, 3/1/01

## **1B**

NYSDEC SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.		Contract:	335 KE
Lab Code:	10252	Cas	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/w	vater)	SOIL			Lab Sample ID:	L62601-11
Sample wt/vo	ol:	30.023	(g/ml) G		Lab File ID:	A1236.D
Level: (low/m	ned)	LOW			Date Received:	01/11/01
% Moisture:	20.1	dec	anted:(Y/N) _	N	Date Extracted:	01/15/01
Concentrated	Extract \	Volume: <u>5</u>	00 (uL)		Date Analyzed:	01/31/01
njection Volu	me: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
SPC Cleanus	v. (V/NI)	~	nH: 7.4			

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-Chiorophenol	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	Ū
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	Ū
88-74-4	2-Nitroaniline	1000	Ü
131-11-3	Dimethyl phthalate	420	Ü
208-96-8	Acenaphthylene	420	Ü
606-20-2	2,6-Dinitrotoluene	420	Ŭ
99-09-2	3-Nitroaniline	1000	Ū
83-32-9	Acenaphthene	420	Ü
51-28-5	2,4-Dinitrophenol	1000	Ū
100-02-7	4-Nitrophenol	1000	Ü
132-64-9	Dibenzofuran	420	Ü
121-14-2	2,4-Dinitrotoluene	420	Ü

NYSDEC SAMPLE NO.

1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC	C. (	Contract:	555 KE
_ab Code:	10252	Cas	se No.: _		SAS No.:	SDG No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample ID	: L62601-11
Sample wt/vo	oi:	30.023	(g/ml) <u>(</u>	3	Lab File ID:	A1236.D
_evel: (low/n	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	20.1	dec	anted:(Y/	N) <u>N</u>	Date Extracted	01/15/01
Concentrated	Extract	Volume: 5	00 (u	ıL)	Date Analyzed:	01/31/01
njection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
SPC Cleanur	o- (V/N)	~	nH: 74			

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	C
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

# SEMIVOLATILE ORGANICS ANALYSIS UNITA SICCI TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

Lab Hame:		Contract:	<u> </u>	_ <u>:</u>
Lab Code:	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/vater)		· Lab Sam	::e io: Llo2601-	11
	(c/mi_)		o: A1236.d	
Level: (low/med)				
% Moisture: decante	d: (YNi)		ic:d:	
Concentrated Extract	Volume:(:::)	Data Ana	`````````````````````````````````````	
Injection Volume:	<u>(;:L)</u>	Offiction 7	:c::	
GFC Clasnup: (Y/N)	====================================			
Number TICs found:_		(ne	NTFATION UNITS:	
CAS NUMBER	COMPICUNO NAME			<u>i c</u>
1.	Unknown		1 410	1 38
2.		1 23.98		! +
3.		1 24.91		7
٤.		30.34		-
5.		1 35.90		-
6.		36.98		!
7.		37.21	290	: -
٤.		37.75		
<u>ç.</u>	<u> </u>	1 39.82	190	: +
10.				<u>:</u>
11.		!		-
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#### 1B

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

_ab Name:	FRIEN	LABORAT	ORY, INC.	Contract:	IPS DUP
_ab Code:	10252	Cas	e No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/	water)	SOIL		Lab Sample	e ID: L62601-12
Sample wt/v	ol·	30.067	(a/mi) G	I ah File ID:	B1800 D 🥳

Level: (low/med) LOW Date Received: 01/11/01 Date Received: 02/05/01

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

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.74

CONCENTRATION UNITS:

Dilution Factor: 1.0

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/KG	Q
108-95-2	Phenol	,,25	390	U
111-44-4	bis(2-Chloroethylether)	يق الم	390	U
95-57-8	2-Chlorophenol	f	390	U
541-73-1	1,3-Dichlorobenzene	.2	390	U
106-46-7	1,4-Dichlorobenzene	, gali	390	U
95-50-1	1,2-Dichlorobenzene	<i>‡</i>	390	U
95-48-7	2-Methylphenol		390	U
108-60-1	2,2'-oxybis(1-Chloroprop	ane)	390	U
106-44-5	4-Methylphenol /		390	U
621-64-7	N-Nitrosodi-n-propylamin	e	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-Chloroethoxymetha	ine)	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		ne	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	Ü
99-09-2	3-Nitroaniline		980	Ü
83-32-9	Acenaphthene		81	J
51-28-5	2,4-Dinitrophenol		980	ŭ
100-02-7	4-Nitrophenol		980	Ū
132-64-9	Dibenzofuran		390	Ü
121-14-2	2,4-Dinitrotoluene		390	Ū

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		TP5 DUP
ORY, INC.	Contract:	

Lab Name:	FRIEN	LABORAT	ORY, INC.	_ Contract:	
Lab Code:	10252	Ca	se No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/v	vater)	SOIL	_	Lab Sam	ple ID: L62601-12
Sample wt/vo	ol:	30.067	(g/ml) G	Lab File I	D: <u>B1800.D</u>
_evel: (low/n	ned)	LOW	_	Date Rec	eived: <u>01/11/01</u>
% Moisture:	15.5	dec	canted:(Y/N)	N Date Extr	acted: 02/05/01 📝
Concentrated	Extract	Volume: 5	500 (uL)	Date Ana	lyzed: 02/22/01

Injection Volume: 2.0 (uL) GPC Cleanup: (Y/N) Y pH: 7.74

CONCENTRATION UNITS:

Dilution Factor: 1.0

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

0.000	District and all the	1 200	
84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	330	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	Ü
191-24-2	Benzo(g,h,i)perylene	390	Ü
131-24-2	Denzo(g,n,i)peryiene	350	

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSOEC SAMPLE NO.

- } .

Lab Name:		Contract		1		
Lab Gode:	Case No.t	SAS No.:	•	SCG No.:		
Matrix: (soilAvater			Lab Sampi	= 10: L62601-	12	
Sample wdvol <u>ly -</u>	(c/mi.)			B1800. a		
Level: (low/med)				ved:		
% Meisture: deca	inted: (Y/N)			:ed:		
•	act Volume:(;;;)	•		ed:		
Injection Volume: _			•	::c		R47049
	(N)(54)		Ulicsii Fac			16 100
a. o dicance. (1)						17-16-
Number TICs found	: <u> </u>			FATION UNITS:		7/2/
CAS NUMBER	COMPICUNO NAME		RT	EST. CONC.	i c	
1.	Unknown	! 12	2.72		! 3	!
3.			.86	120	-	
4.			60	220	-	
5.	CPAH		160   150	140		
ĉ.	(PATA)	( <u>)   18.8</u>   19.4		120		~
7.			31	210		~
ε.		İ	i	. !	i	
g			ĺ	:		
10.				!		
11.	1		<u> </u>		!	
13.	1					
14.	1		<del></del>	<u>:</u>		
15.		<u> </u>				
16. <u>.</u>		i	<del></del>	i	i	
17.			1	i		
13.			į			
19.						
20. 21.						
22.			<u> </u>	<u> </u>	<u>i</u>	
1.					<del></del> i	
4.		<del></del>		<i>lt</i>		
5.			<del></del>	!		
s.						
7.			1			
2.			1			
			.1			
	FGRIA I-CLP-	SV-TIC				_

2.95

UB) 2/37/01

NYSDEC SAMPLE NO.

1B

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

_ab Name: FRIE	ND LABORATORY, INC.	Contract:	TP5 DUP RE
Lab Code: 1025	2 Case No.:	SAS No.: SD	G No.: PANAM
Matrix: (soil/water)	SOIL	Lab Sample ID: L	62601-12
Sample wt/vol:	30.045 (g/ml) G	Lab File ID:	A1333.D
_evei: (low/med)	LOW	Date Received: 0	01/11/01
% Moisture: 15	decanted:(Y/N)	N Date Extracted: 0	01/15/01
Concentrated Extra	ct Volume: 500 (uL)	Date Analyzed: 0	02/12/01
njection 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	C
111-91-1	bis(2-Chloroethoxymethane)	390	C
120-83-2	2,4-Dichlorophenol	390	C
120-82-1	1,2,4-Trichlorobenzene	390	C
91-20-3	Naphthalene	94	J
106-47-8	4-Chloroaniline	390	C
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	84	7
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	C
91-58-7	2-Chloronaphthalene	390	C
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	C
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	110	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	96	J
121-14-2	2,4-Dinitrololuene	390	U

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP5 DUP RE

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Lab Name:	FRIEND	LABORA	TORY, INC.	(	Contract:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Lab Code:	10252	Ca	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample ID:	L62601-12
Sample wt/vo	ol:	30.045	(g/ml) G		Lab File ID:	A1333.D
Level: (low/n	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	15.5	de	canted:(Y/N)	N	Date Extracted:	01/15/01
Concentrated	Extract	Volume:	500 (uL)		Date Analyzed:	02/12/01
Injection Volu	me: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
GPC Cleanup	o: (Y/N)	<u> </u>	pH: <u>7.74</u>			

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

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	$\Box$ 1
101-55-3	4-Bromophenylphenylether	- 390	U	
118-74-1	Hexachlorobenzene	390	J	
87-86-5	Pentachlorophenol	980	J	J
85-01-8	Phenanthrene	580		] ]
120-12-7	Anthracene	230	7	] ]
86-74-8	Carbazole	390	U	_\ <b>U</b> '
84-74-2	Di-n-butyl phthalate	170	J	
206-44-0	Fluoranthene	330	J	
129-00-0	Pyrene	1600		J.
85-68-7	Butylbenzyl phthalate	390	U	<b></b>   尺
91-94-1	3,3'-Dichlorobenzidine	390	U	
56-55-3	Benzo(a)anthracene	460		7
218-01-9	Chrysene	450		
117-81-7	bis-2-Ethylhexyl phthalate	120	J	] J
117-84-0	Di-n-octyl phthalate	390	U	_ <b>/</b>
205-99-2	Benzo(b)fluoranthene	590		7
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		\\ <u>\</u>
53-70-3	Dibenzo(a,h)anthracene	390	U	76
191-24-2	Benzo(g,h,i)perylene	550		77

4/3/01

Lab Name:	• -	Contract:_		. 1		
Lab Code:	Case No.:			\$0G No.:		
Matrix: (soit/vater)		•		To: Llo2ld		
	(c/mi.)			ID: A1333.		
Level: (low/med)			Date Re	caived:	•	
% Meisture: decan	ed: (Y/N)			taced:		
•	: Volume:(:::)	•		ilyzed:		
Injection Volume:				ic:r.		
GPC Clasnup: (Y/N						
Number TICs found:				EKTRATION ÙNITS 1 (22/12/12 12 .	21 T	
CAS NUMBER	COMFOUND			EST. CONC.		
2.	Unknown			! <u>92</u>	15	
3.			115.15	92		
4.		14H\	116.55		- $+$ $+$	
5.	T C	777	118.46	130 280		
<b>6</b> .			118.64		<del>-                                    </del>	ーレ
ī.			118.90	270		- /
ε.			19.061	100	1	10
ę.	C	24H)	19.341	90	;	
10.	(	n )	19.431		1	
11.			19.93!			! ~
13.		!	20.09		· <del> </del>	1
14.			70.20!	41b 230	+	
15.		21 1-2	20.601			1/
1ĉ		21.02	22.70	180	<del></del>	i .
17.		I	23 60!		i	1
16.	•		23.75	1500	·	-
19.		1;	25.231	520	1	
20.			26.50	360	+	i i
21.						
23.					<del></del>	
				. it	<del>  </del>	
24.		<del>-</del>			1	
15.			<del></del>		<del> </del>	
7.		—— <u> </u>	i		T	
2.	•	T T	1			
g.					<u>i i</u>	
S.			.1		1	

TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO.

FORMI-CLP-SV-TIC

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10/35

NYSDEC SAMPLE NO.

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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Lab Name:	FRIEND	LABORAT	ORY, INC.	Contra	nct:	TP-1P36
Lab Code:	10252	Cas	se No.:	SAS	S No.: 5	SDG No.: PANAM
Matrix: (soil/	water)	SOIL			Lab Sample ID	L62601-14
Sample wt/vo	ol:	30.025	(g/ml) G		Lab File ID:	A1466.D
Level: (low/r	ned)	LOW			Date Received:	01/11/01
% Moisture:	20.7	dec	anted:(Y/N)	N	Date Extracted	02/05/01
Concentrated	Extract	Volume: 5	00 (uL)		Date Analyzed:	03/01/01
Injection Volu	ıme: <u>2</u> .	.0 (uL)			Dilution Factor:	1.0
GPC Cleanu	p: (Y/N)	Y	pH: <u>7.51</u>			

CAS NO.	COMPOUND (u	g/L or ug/Kg) UG/KG	Q	
108-95-2	Phenol	420	U	$\exists R$
111-44-4	bis(2-Chloroethylether)	420	U	$\exists \upsilon :$
95-57-8	2-Chlorophenol	420	U	
541-73-1	1,3-Dichlorobenzene	420	U	_
106-46-7	1,4-Dichlorobenzene	420	U	<i>∟I</i>
95-50-1	1,2-Dichlorobenzene	420	U	
95-48-7	2-Methylphenol	420	U	R
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U	$\exists v$ :
106-44-5	4-Methylphenol	420	U	R
621-64-7	N-Nitrosodi-n-propylamine	420	U	U.
67-72-1	Hexachloroethane	420	U	
98-95-30	Nitrobenzene	420	U	
78-59-1	Isophorone	420	U	<b>₩</b>
88-75-52	2-Nitrophenol	420	U	R
105-67-9	2,4-Dimethylphenol	420	U	R
111-91-1	bis(2-Chloroethoxymethane)	420	U	$\exists y$
120-83-2	2,4-Dichlorophenol	420	U	R
120-82-1	1,2,4-Trichlorobenzene	420	U	$\exists v$
91-20-3	Naphthalene	420	U	
106-47-8	4-Chloroaniline	420	U	
87-68-3	Hexachlorobutadiene	420	U	V
59-50-7	4-Chloro-3-methylphenol	420	U	J₽.
91-57-6	2-Methylnaphthalene	420	U	70
77-47-4	Hexachlorocyclopentadiene	420	U	7
88-06-2	2,4,6-Trichlorophenol	420	U	R
95-95-4	2,4,5-Trichlorophenol	1000	U	R
91-58-7	2-Chloronaphthalene	420	U	U
88-74-4	2-Nitroaniline	1000	U	7,
131-11-3	Dimethyl phthalate	420	U	7 1
208-96-8	Acenaphthylene	420	Ū	7
606-20-2	2.6-Dinitrotoluene	420	Ū	7 /
99-09-2	3-Nitroaniline	1000	Ū	<b>-</b>
83-32-9	Acenaphthene	52	J	7
51-28-5	2,4-Dinitrophenol	1000	Ü	R
100-02-7	4-Nitrophenol	1000	<del>- ŭ</del>	
132-64-9	Dibenzofuran	420	Ü	U
121-14-2	2,4-Dinitrotoluene	420	Ü	
161-14-6	Z,T-Dimitiotolucite	720		<b>-</b> □ ▼

# 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	c	Contract:			] ~
Lab Code:	10252	Ca	se No.:		SAS No.:	SC	G No.: PANAM	-
Matrix: (soil/v	water)	SOIL	_		Lab Sample	ID:	L62601-14	
Sample wt/vo	oi:	30.025	(g/ml) G		Lab File ID:	4	A1466.D	
Level: (low/n	ned)	LOW	_		Date Receiv	/ed: _	01/11/01	
% Moisture:	20.7	dec	anted:(Y/N) _	N	Date Extrac	ted:	02/05/01	
Concentrated	I Extract	Volume: 5	600 (uL)		Date Analyz	ed:	03/01/01	
Injection Volu	ıme: <u>2</u>	.0 (uL)			Dilution Fac	tor:	1.0	
GPC Cleanur	o: (Y/N)	Y	pH: 7.51					

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	Ý
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U	]8
86-30-6	n-Nitrosodiphenylamine	420	U	] 0
101-55-3	4-Bromophenylphenylether	420	U	
118-74-1	Hexachlorobenzene	420	U	_
87-86-5	Pentachlorophenol	1000	U	R
85-01-8	Phenanthrene	370	J	] -
120-12-7	Anthracene	180	J	] \
86-74-8	Carbazole	420	U	1
84-74-2	Di-n-butyl phthalate	420	U	<u> </u>
206-44-0	Fluoranthene	180	7	] 7
129-00-0	Pyrene	1100		3
85-68-7	Butylbenzyl phthalate	420	U	](
91-94-1	3,3'-Dichlorobenzidine	420	U	J
56-55-3	Benzo(a)anthracene	400	J	7
218-01-9	Chrysene	560		1
117-81-7	bis-2-Ethylhexyl phthalate	420	U	16
117-84-0	Di-n-octyl phthalate	420	U	1
205-99-2	Benzo(b)fluoranthene	380	7	
207-08-9	Benzo(k)fluoranthene	230	J	] [
50-32-8	Benzo(a)pyrene	440		4
193-39-5	Indeno(1,2,3-cd)pyrene	420	C	16
53-70-3	Dibenzo(a,h)anthracene	420	U	P
191-24-2	Benzo(g,h,i)perylene	230	7	

- SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET; TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract: SAS No.:\_\_\_\_ Case No.: SCG No.:\_ Lat Sample 10: Llo2601-14 Matrix: (soil/vater) Sample woval! (c/mi.) Lio File 10: A 1466. d Level: (low/med) Date Received: % Moisture: decanted: (Y/N) Oata Estracad: Concentrated Extract Volume: \_\_\_\_\_\_ Data Analysed:\_\_\_\_\_ Injection Volume: (pt) Oiletion Factor GPC Clashup: (Y/N)\_\_\_\_ Needs continue 5H:\_\_\_\_ CONCENTRATION UNITS: (usi a using) ug Ikg CAS NUMBER COMPOUND NAME ST | EST. CONC. MKnown 12.38 160 2. 16.19 140 3. 190 19.75 120.62 150 j. 20.74 220 122.35 150 122.44  $2\infty$ 123.11 130 ç. 73.74 330 10. 24.59 430 1 i. 125.54 170 135.41 1840 13. 36.39 640 14. 37.32 | 540 15. V 1*3*8.26 1 860 1ĉ. 4 139.29 1840 17. . 140.45 15. 141,77 1740 س v 19. 43.35 | 600 20. 45.20 420 21. 22. 23. 24. 25. 27. 23.

FORM I-CLF-SV-TIC

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1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMP	LE NO
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Lab Name:	FRIEND	LABORATORY, INC	. (	Contract:		TP-TP4 DL
Lab Code:	10252	Case No.:		SAS No.:	SDG	No.: PANAM
Matrix: (soil/	water)	SOIL		Lab Samp	le ID: L6	62601-14, 10X
Sample wt/ve	ol:	30.025 (g/ml) G		Lab File ID	): B	1812.D
Level: (low/r	med)	LOW		Date Rece	ived: 01	1/11/01
% Moisture:	20.7	decanted:(Y/N	) <u>N</u>	Date Extra	cted: 02	2/05/01
Concentrated	Extract	Volume: 500 (ul		Date Analy	zed: 02	2/27/01
Injection Volu	ume: 2	.0 (uL)		Dilution Fa	actor: 10	0.0
GPC Cleanu	p: (Y/N)	 Y pH: 7.51				A STATE OF THE STA

CAS NO.	COMPOUND (ug/L or u	g/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	Ū
208-96-8	Acenaphthylene	4200	Ū
606-20-2	2,6-Dinitrotoluene	4200	Ü
99-09-2	3-Nitroaniline	10000	Ū
83-32-9	Acenaphthene	4200	Ü
<b>/</b> 51-28-5	2,4-Dinitrophenol	10000	Ū
100-02-7	4-Nitrophenol	10000	Ū
132-64-9	Dibenzofuran	4200	Ū
121-14-2	2,4-Dinitrotoluene	4200	Ū

1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC	SAMPL	E NO
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Lab Name:	FRIEND	LABORAT	ORY INC	c	Contract:	TP-TP4 DL
Lab Hamo.	11/15/14	<u> </u>	<u> </u>	`		
Lab Code:	10252	Ca	se No.:		SAS No.: S	DG No.: PANAM /
Matrix: (soil/	water)	SOIL			Lab Sample ID:	L62601-14, 10X
Sample wt/vo	ol:	30.025	(g/ml) G		Lab File ID:	B1812.D
Level: (low/r	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	20.7	dec	anted:(Y/N)	N	_ Date Extracted:	02/05/01
Concentrated	Extract	Volume: 5	00 (uL)		Date Analyzed:	02/27/01
Injection Volu	ıme: <u>2.</u>	.0 (uL)			Dilution Factor:	10.0
GBC Cleanu	o: (V/N)	~	nH: 7.51		م م	

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-Bromophenyiphenylether	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SINCE I TENTATIVELY IDENTIFIED COMPOUNDS Lat Name: Contract: Lab Code:\_\_\_\_ Case No.: SAS No.:\_\_\_\_ SCG No.:\_\_\_ Matrix: (sail/vater) Lat Sample 10: L62601-14 Sample wavoling (g/mil) Lato File 10: B1812 - d Level: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Oats Estraced: Concentrated Extract Volume: \_\_\_\_\_(::1) Data Analyzed: Injection Volume: (ul.) Oilution Factor 10 GPC Clasnup: (Y/N)\_\_\_\_ ;:::<u>\_</u> CONCENTRATION UNITS:

Number TICs found: 15

(upit or uping) (AIKA

	1		<u> </u>		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	i c	
1.	Unknown	1 24.73	1000	17	
2.		29.58	0041	11	
3.		129.71	1300	1	
4.		130.84	1300	l	
5.		131.84	2300	!	
ŝ.		131.94	1800	!!	
7.		133.98	3100	-	
ε.		134.95	4500		
<u>ç</u> .		135.88	20 000	:	
10.		136.78 1	20 000	!	
11.		137.65	17000	į į	
12.		38.57	19000 .		
13.		139.60 !	11 000	!	
14.		140.79 1	7.500	ì	
15.		142.18	5000		
16. <u> </u>		I			
17.		1 !	i		
15.		i			
c.		1			
20.		1			
1.		1			
2.		1	1		
3.		i	fr		
4.		<del>-                                     </del>	l		
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FORM I-CLF-SV-TIC

**SS7** 

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND LABO	RATORY, 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
CAS NO.	COMPOUND	(dg/L or dg/Ng/OG/NG	<b>u</b>

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	Ů
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	Ū
83-32-9	Acenaphthene	460	Ū
51-28-5	2,4-Dinitrophenol	1100	Ū
100-02-7	4-Nitrophenol	1100	Ū
132-64-9	Dibenzofuran	460	Ū
121-14-2	2.4-Dinitrotoluene	460	U

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NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.		Contract:	
Lab Code:	10252	Ca	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/	vater)	SOIL	_		Lab Sample ID:	L62601-16
Sample wt/vo	ol:	30.083	(g/ml) G		Lab File ID:	A1463.D
Level: (low/r	ned)	LOW	_		Date Received:	01/11/01
% Moisture:	27.2	ded	canted:(Y/N)	N	Date Extracted:	02/05/01
Concentrated	Extract	Volume: 5	500 (uL)		Date Analyzed:	03/01/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
GPC Cleanu	p: <b>(Y/N)</b>	Y	pH: 7.71			

CAS NO. COMPOUND		(ug/L or ug/Kg) UG/KG	Q	
84-66-2	Diethyl phthalate	460	U	フリス
7005-72-3	4-Chlorophenylphenylether	460	U	35
86-73-7	Fluorene	49	J	
100-01-6	4-Nitroaniline	1100	U_	702
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U	∟ i
86-30-6	n-Nitrosodiphenylamine	460	U	<b>⊿</b>
101-55-3	4-Bromophenylphenylether	460	U	_
118-74-1	Hexachlorobenzene	460	U	<b>⊿</b>
87-86-5	Pentachlorophenol	1100	U	
85-01-8	Phenanthrene	810		_ <b>₹</b>
120-12-7	Anthracene	88	J	_
86-74-8	Carbazole	110	J	_Ψ_
84-74-2	Di-n-butyl phthalate	460	U	] ] ]
206-44-0	Fluoranthene	1100		<b></b>
129-00-0	Pyrene	1400		<b>□</b>
85-68-7	Butylbenzyl phthalate	460	U	して
91-94-1	3,3'-Dichlorobenzidine	460	U	<b>∃</b>
56-55-3	Benzo(a)anthracene	460		7
218-01-9	Chrysene	590		
117-81-7	bis-2-Ethylhexyl phthalate	130	J	$\exists  oldsymbol{ u}$
117-84-0	Di-n-octyl phthalate	460	U	R
205-99-2	Benzo(b)fluoranthene	1100		コゴ
207-08-9	Benzo(k)fluoranthene	390	J	] Ī
50-32-8	Benzo(a)pyrene	830		] [
193-39-5	Indeno(1,2,3-cd)pyrene	460		<b>∀</b>
53-70-3	Dibenzo(a,h)anthracene	460	U	R
191-24-2	Benzo(g,h,i)perylene	410	J	ユ

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSOEC SAMPLE NO.

		••	
Lab Name:		Contract:	
Lab Code:	Case No.:	SAS No.:	SCG No.:
Matrix: (soil/Avater)			Lab Sample 10: Lb2601-16
Sample w/vol.	(c/mi.)		Lab File 10: A1463.d
Level: (low/med)	-	·	Date Received:
% Moisture: decanted:	(Y/N)		Oats Estraced:
Concentrated Extract Volume	ume: (···)		Data Ansiyzed:
Injection Valume:	(hr)		Oilution Factor
GPC Claanup: (Y/N)	_ =====================================		
Number TICs found:	ζ.		CONCENTRATION UNITS:

CAS NUMBER	COMFIGUND NAME	l st	EST. CONC.	10
1.	Unknown	121-02	170	15
2.		124.43	240	! 1
3.	( PAH)	127.77	140	
4.		128.02	200	1
5.		1 28.16	100	!
Ĝ.		128.74	150	1
7.		30.91	160	
ε.	·	1 33 17 1	110	İ
g.		34.33	M 490 490	:
10.		36.35	410	
11.		138.19	1100	! !
12.		140.35 1	1300 .	<b> </b>
13.		!		ļ i
14.				
15.		i · !		
16.				
17.		!	I	i
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19.				i
20.		1		
21.			i	;
22.		1		į
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25.			T	
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23.		i	i	i
30.			i	1

FORM I-CLF-SV-TIC

NYSDEC SAMPLE NO.

# 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORA	ATORY, INC.	Co	ntract:		SS/ RE
Lab Code:	10252		ase No.:		 SAS No.:	SE	OG No.: PANÁM
Matrix: (soil/	water)	SOIL			Lab Sampl	le ID:	L62601-16
Sample wt/ve	ol:	30.077	(g/ml) G		Lab File ID	):	A1346.D
Level: (low/r	ned)	LOW			Date Rece	ived: (	01/11/01
% Moisture:	27.2	d	ecanted:(Y/N)	N	Date Extra	cted;/[	<u> </u>
Concentrated	Extract	Volume:	<u>500</u> (uL)		Date Analy	zed: (	02/13/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Fa	etor: j	1.0
GPC Cleanu	p: <b>(Y/N)</b>	<u>Y</u>	pH: 7.71	-	- george		

	CONCENTRATION UNITS:		
COMPOUND	(ug/L or ug/Kg) UG/KG	Q	
Phenol 3	460	U	
bis(2-Chloroethylether)	460	U	
2-Chlorophenol	460	U	
1,3-Dichlorobenzene	460	U	
1,4-Dichlorobenzene	460	U	
1,2-Dichlorobenzene	460	U	
2-Methylphenol	460	U	
2,2'-oxybis(1-Chloropropane)	460	U	
4-Methylphenol	460	U	
N-Nitrosodi-n-propylamine	460	U	
Hexachloroethane	460	U	
Nitrobenzene	460	U	
Isophorone	460	U	
2-Nitrophenol	460	U	
2,4-Dimethylphenol	460	U	
	460	U	
	460	U	
		Ū	
		U	
		U	
Hexachlorobutadiene		Ü	
4-Chloro-3-methylphenol		Ū	
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	Phenol bis(2-Chloroethylether) 2-Chlorophenol 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 2-Methylphenol 2,2'-oxybis(1-Chloropropane) 4-Methylphenol N-Nitrosodi-n-propylamine Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2,4-Dimethylphenol bis(2-Chloroethoxymethane) 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloroaniline	COMPOUND         (ug/L or ug/Kg) UG/KG           Phenol         460           bis(2-Chloroethylether)         460           2-Chlorophenol         460           1,3-Dichlorobenzene         460           1,4-Dichlorobenzene         460           1,2-Dichlorobenzene         460           2-Methylphenol         460           2,2'-oxybis(1-Chloropropane)         460           4-Methylphenol         460           N-Nitrosodi-n-propylamine         460           Hexachloroethane         460           Nitrobenzene         460           Isophorone         460           2-Nitrophenol         460           2,4-Dimethylphenol         460           2,4-Dichlorophenol         460           2,4-Dichlorophenol         460           1,2,4-Trichlorobenzene         460           Naphthalene         460           4-Chloroa-illine         460           4-Chloroa-methylphenol         460           4-Chloro-3-methylphenol         460           4-Chloro-3-methylphenol         460           2,4,6-Trichlorophenol         1100           2-A-B-Trichlorophenol         460           2,4,5-Trichlorophenol         1100	

## 1C

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS7	RE

Lab Name:	FRIEND	LABORATORY, INC.	_ Contra	act:	
Lab Code:	10252	Case No.:	_ SAS	S No.: S	DG No.: PANAM
Matrix: (soil/	vater)	SOIL		Lab Sample ID:	L62601-16
Sample wt/vo	ol:	30.077 (g/ml) G	_	Lab File ID:	A1346.D
Level: (low/n	ned)	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 Volu	ıme: <u>2.</u>	<u>0</u> (uL)		Dilution Factor:	1.0
GPC Cleanup	o: (Y/N)	Y pH: 7.71		p. de	

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/KG	Q
84-66-2	Diethyl phthalate	, A <sup>T</sup>	460	U
7005-72-3	4-Chlorophenylphenylet	ther /	460	U
86-73-7	Fluorene		460	U
100-01-6	4-Nitroaniline	ar er	1100	U
534-52-1	2-Methyl-4-6-dinitrophe	nol-"	1100	U
86-30-6	n-Nitrosodiphenylamine	) at '	460	U
101-55-3	4-Bromophenylphenylet	ther	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 d		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 phthala	ite	170	J_
117-84-0	Di-n-octyl phthalate		460	Ü
205-99-2			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

SEMIVOLATILE ORGANICS ANALTOID UNITA JILLET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract: Lab Code:\_\_\_\_\_ Case No.:\_\_\_\_\_ SAS No.:\_\_\_\_ SCG No.:\_\_\_\_ Matrix: (soit/vater) Late Sample 10: <u>Llo</u>2601-16 Sample wilvoling (c/mi.) Lab File 10: A 1346.d Date Received:\_\_\_\_\_\_\_\_\_. Level: (law/med) \_\_\_\_ % Moisture: decanted: (Y/N) \_\_\_\_\_ Ozia Estració: Concentrated Extract Volume: \_\_\_\_\_\_ Data Analyzadi\_\_\_\_\_ Injection Volume: \_\_\_\_\_(pi.) Oiletica Factor GPC Cleanup: (Y/N) \_\_\_\_ pH: \_\_\_\_ CONCENTRATION UNITS: Number TiGs found:\_\_\_8 (ugit or ugiks) UCI/Ka CAS NUMBER COMPOUND NAME RT EST. CONC. !JB! ~ 1. Unknown 120.10! 330 123.42 Z20 3. 124.40 160 24.50 | 100 *5*30 2-32.71 ŝ. 3280 450 ĩ. 35.38 1100 71.0 36.60 1 i. 12. 13. 14. 15. 1ĉ. 17. 13. 19. 2G. 21. 22. 23. 24. 25. 25.

FORM I-CLP-SV-TIC

Jy, 2/14/01

27. 23. 23.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

_ab Name:	FRIEND	LABORAT	ORY, INC.	,	Contract:	333
_ab Code:	10252	Cas	se No.:		SAS No.:	SDG No.: PANAM
Matrix: (soil/v	vater)	SOIL	_		Lab Sample	ID: <u>L62601-17</u>
Sample wt/vo	ol:	30.073	(g/ml) G		Lab File ID:	B1813.D
_evel: (low/n	ned)	LOW	_		Date Receive	ed: 01/11/01
% Moisture:	12.8	dec	anted:(Y/N	) <u>N</u>	Date Extracte	ed: <u>02/05/01</u>
Concentrated	Extract	Volume: 5	00 (ul	-)	Date Analyze	ed: 02/27/01
njection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor	or: <u>1.0</u>
SPC Cleanur	o: (Y/N)	Υ	pH: 7.53			

## **CONCENTRATION UNITS:**

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q	
108-95-2	Phenol	380	U	$\exists R$
111-44-4	bis(2-Chloroethylether)	380	U	03
95-57-8	2-Chlorophenol	380	U	R
541-73-1	1,3-Dichlorobenzene	380	U	_] <i>ં</i> 3
106-46-7	1,4-Dichlorobenzene	380	U	
95-50-1	1,2-Dichlorobenzene	380	U	
95-48-7	2-Methylphenol	380	U	_R
108-60-1	2,2'-oxybis(1-Chloropropane)	380	J	□∪≒
106-44-5	4-Methylphenol	380	J	_R
621-64-7	N-Nitrosodi-n-propylamine	380	J	」して
67-72-1	Hexachloroethane	380	ט	_
98-95-30	Nitrobenzene	380	U	_
78-59-1	Isophorone	380	U	
88-75-52	2-Nitrophenol	380	U	_R
105-67-9	2,4-Dimethylphenol	380	U	R
111-91-1	bis(2-Chloroethoxymethane)	380	U	U
120-83-2	2,4-Dichlorophenol	380	U	]r
120-82-1	1,2,4-Trichlorobenzene	380	U	1)~
91-20-3	Naphthalene	43	J	73
106-47-8	4-Chloroaniline	380	U	77
87-68-3	Hexachlorobutadiene	380	U	7 1
59-50-7	4-Chloro-3-methylphenol	380	U	R
91-57-6	2-Methylnaphthalene	46	L	R
77-47-4	Hexachlorocyclopentadiene	380	Ū	<b>∃</b> ∪̄:
88-06-2	2,4,6-Trichlorophenol	380	U	]R
95-95-4	2,4,5-Trichlorophenol	950	U	R
91-58-7	2-Chloronaphthalene	380	Ū	UZ
88-74-4	2-Nitroaniline	950	Ū	71
131-11-3	Dimethyl phthalate	380	Ü	
208-96-8	Acenaphthylene	380	Ū	
606-20-2	2,6-Dinitrotoluene	380	Ü	
99-09-2	3-Nitroaniline	950	Ü	<b>-</b>
83-32-9	Acenaphthene	46	J	3
51-28-5	2,4-Dinitrophenol	950	Ü	
100-02-7	4-Nitrophenol	950	Ü	RR
132-64-9	Dibenzofuran	380	<del>Ŭ</del>	]შვ
121-14-2	2,4-Dinitrotoluene	380	Ü	ゴン

219 413/01

### 1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS9	
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Q

Lab Name:	FRIEND	LABORATORY	, INC.	Contract:	
Lab Code:	10252	Case No	).:	SAS No.:	SDG No.: PANAM
Matrix: (soil/w	vater)	SOIL		Lab Sample	ID: <u>L62601-17</u>
Sample wt/vo	ol:	30.073 (g/n	nl) G	Lab File ID:	B1813.D
Level: (low/m	ned)	LOW		Date Receive	ed: 01/11/01
% Moisture:	12.8	decanted	d:(Y/N)N	Date Extract	ed: <u>02/05/01</u>
Concentrated	Extract '	Volume: 500	_ (uL)	Date Analyze	ed: <u>02/27/01</u>
Injection Volu	me: <u>2.</u>	0 (uL)		Dilution Fact	or: <u>1.0</u>
GPC Cleanup	o: (Y/N)	Y pH:	7.53		

COMPOUND

CAS NO.

## **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

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	Ü
534-52-1	2-Methyl-4-6-dinitrophenol	950	U
86-30-6	n-Nitrosodiphenylamine	380	Ū
101-55-3	4-Bromophenylphenylether	380	Ū
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

7/3/01

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:	•	Contrac	· ·	· · · · · · · · · · · · · · · · · · ·			
		c.: SAS					
Matrix: (soit/vater				imple 10: Lle 2601			
Sample wt/vol.	( <u>c/mi.</u> )		Lab Fi	e10: B1813. d			
			Date R	ecsived:			
% Moisture: deca	inted: (Y/N)		Oate E	:tac=d:			
	act Volume:	· (::-)	Oata Ai	:ai/c=d:		1)4	7181
Injection Volume: _	(\p\)		Oilution	Factor		/ c	17181 13.'(1
GPC Claanup: (Y	(N)	2 <sup>33</sup>					13 - 11
Number TICs found			CONO (PE	iENTRATION UNITS: T. or perke) ( ) O   KO	<b>)</b>		3/4
CAS NUMBER	CC:	IF CUND NAME	RT	EST. CONC.	ic		
1.	Unk	1000n	12.59	! 80	1 3		
2.			14.72	। 89	11		
3.		: M.	18.46	110	-		
<u>4.</u> 5.		(HAH)	1896	1 81	-		
đ.		(HH)	19.78	320   88	++		
7.		(File)	1 23 16	320	<del>!  </del>	-	
٤.			123.22	110.		· V	
ę.			23.26	140	:	1	
10.		4.	24.07	120			
11.		(PAH)	126.25	81	!		
12.		C " L	126.34	94 .		1	
13.	<u> </u>	CT M	76.47	110			
14.	1		76.56	120		2	
16.		<del>\</del>	29.58	250		1	
17.		1	79.71	240			
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16 12/28/01

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27. 23. 23. 30.

# 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORATORY, INC.	(	Contract:	333 DE
Lab Code:	10252	Case No.:		SAS No.: SE	G No.: PANAM
Matrix: (soil/	vater)	SOIL		Lab Sample ID:	L62601-17, 10X
Sample wt/vo	ol:	30.073 (g/ml) G		Lab File ID:	B1797.D
Level: (low/n	ned)	LOW		Date Received:	01/11/01
% Moisture:	12.8	decanted:(Y/N)	N	Date Extracted:	02/05/01
Concentrated	Extract	Volume: <u>500</u> (uL)		Date Analyzed:	02/22/01
Injection Volu	ıme: <u>2.</u>	0 (uL)		Dilution Factor:	10.0
GPC Cleanur	· (V/N)	V nH⋅ 7.53			

		CONCENT		
CAS NO.	COMPOUND	(ug/L or úg/l	Q	
108-95-2	Phenol		3800	U
111-44-4	bis(2-Chloroethylether)	1	3800	U
95-57-8	2-Chlorophenol	, gar	3800	U
541-73-1	1,3-Dichlorobenzene	يم.	3800	U
106-46-7	1,4-Dichlorobenzene	1	3800	J
95-50-1	1,2-Dichlorobenzene	p. C.	3800	U
95-48-7	2-Methylphenol		3800	J
108-60-1	2,2'-oxybis(1-Chloropro	pane)	3800	U
106-44-5	4-Methylphenol		3800	U
621-64-7	N-Nitrosodi-n-propylami	ne	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-Chloroethoxymeth	ane)	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-methylpheno	l .	3800	U
91-57-6	2-Methylnaphthalene		3800	U
77-47-4	Hexachlorocyclopentadi	ene	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	Ū
100-02-7	4-Nitrophenol		9500	U
132-64-9	Dibenzofuran		3800	U
121-14-2	2,4-Dinitrotoluene		3800	U

1C

NYSDEC SAMPLE NO.

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND LA	ABORATORY, INC.	Contract:	SS9 DL
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/	water) SC	DIL	Lab Samp	le ID: L62601-17, 10X

Sample wt/vol: 30.073 (g/ml) G Lab File ID: B1797.D Level: (low/med) LOW Date Received: 01/11/01-2

% 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

COMPOUND

CAS NO.

CONCENTRATION UNITS:

(ug/L or-úg/Kg) UG/KG

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
53-7043	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.

Lat Name:		Contract:	
Lab Code:	Case No.:	272 No.:	SCG No.:
Matrix: (soib/vater)		•	Lab Sample ID: <u>[[07(00] - 17]</u>
Sample wdvol.	(c/ <u>m</u> :)		Las File 10: 8797. d
Level: (low/med)			Data Raceived:
% Moistura: decanted:	(Y/N)		Date Estraced:
Concentrated Extract Vol	ume:(;=:)	•	Data Analytect
Injection Volume:	<u>(ul.)</u>		Oilution Factor 10
GPC Cleanup: (Y/N)	_ #		
	١.		CONCENTRATION UNITS:

Number TiCs found:

CONCENTRATION UNITS:

			$\cup$ $f$	
CAS NUMBER	COMPICUNO NAME	ST	EST. CONC.	ic
1.	Unknown	35.62	6700	7
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11.		1 !		
12.		1	. !	
13.			!	i
14.				
15.		1 . 1	i	
16.			i	
17.		1 !	i	i
18.		1 1	:	
19.			I	i
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21.				
22.		1	1	į
23.		1	ly	
24.				i
25.		1	!	-
25.			- 1	
27.		1	1	
23.		1		
75.		1 1	1	i
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FORM I-CLF-SV-TIC

# 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORA	TORY, INC.	c	ontract:		SS10 DL
Lab Code:	10252		ase No.:		SAS No.:	SI	DG No.: PANAM
Matrix: (soil/v	vater)	SOIL			Lab S	Sample ID:	L62601-18, 2X
Sample wt/vo	ol:	30.059	(g/ml) G		Lab F	ile ID: 🃝	A1430.D
Level: (low/n	ned)	LOW			Date	Received:	01/11/01
% Moisture:	22.5	de	ecanted:(Y/N)	N	_ Date	Extracted:	02/05/01
Concentrated	Extract '	Volume:	500 (uL)		Date	Analyzed:	02/27/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Diluti	on Factor:	2.0
GPC Cleanup	o: <b>(Y/N)</b>	Y	pH: 7.42		, age		
					CONC	ENTRATIO	N UNITS:

		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-Chloroproproproproproproproproproproproprop	pane) 860	U	
106-44-5	4-Methylphenol	860	U	
621-64-7	N-Nitrosodi-n-propylami	ne 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-Chloroethoxymeth	ane) 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		860	U	
87-68-3	Hexachlorobutadiene	860	U	
59-50-7	4-Chloro-3-methylpheno	860	U	
91-57-6	2-Methylnaphthalene	860	U	
77-47-4	Hexachlorocyclopentadi	ene 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	J	
88-74-4	2-Nitroaniline	2100	٦	
131-11-3	Dimethyl phthalate	860	٦	
208-96-8	Acenaphthylene	860	C	
606-20-2	2,6-Dinitrotoluene	860	c	
/99-09-2	3-Nitroaniline	2100	<b>C</b>	
83-32-9	Acenaphthene	190	JD	
51-28-5	2,4-Dinitrophenol	2100	U	
100-02-7	4-Nitrophenol	2100	Ü	
132-64-9	Dibenzofuran	150	JD	
121-14-2	2,4-Dinitrotoluene	860	U	

NYSDEC SAMPLE NO.

# 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORATOR	Y, INC.	Contra	ct:	SS10 DL
Lab Code:	10252	Case	No.:	 SAS	No.: S	DG No.: PÁNAM
Matrix: (soil/	water)	SOIL			Lab Sample ID:	L62601-18, 2X
Sample wt/ve	ol:	30.059 (g	/ml) G		Lab File ID:	A1430.D
Level: (low/r	med)	LOW			Date Received:	01/11/01
% Moisture:	22.5	decant	ed:(Y/N)	N	Date Extracted:	02/05/01
Concentrated	Extract	Volume: 500	(uL)		Date Analyzed:	02/27/01
Injection Vol	ume: 2	.0 (uL)			Dilution Factor:	2.0
CBC Clooner	 (V/N)		. 742		y'	

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	Ü
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	Ų
191-24-2	Benzo(g,h,i)perylene	770	JD

# SEMIVOLATILE ORGANICS ANALYSIS UNIN SINCE I TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

Lab Name:		Contract:	•	.1
Lab Code:	Case No.:			_
Matrix: (soil/vater)			mgie 10: LL/2601-18	
	(c/:::\)		10: A1430.d	_
Level: (low/med)			caived:	
% Moistura: decanted			laced:	•
•		•		_
	/alume:(;;;)		siysed:	
Injection Volume:		Oilution	Factor	_
GPC Claanup: (Y/N)_				
Number TICs found:	20		ENTRATION UNITS:	101
CAS NUMBER	COMPOUND NAME	l st	I EST. CONO. I	Ģ
1.	Unknown	1 24.31	1 110 2/2!	J
2.	0.40:	25.33	170 2401	+-
4.	(PAH)	27.52	1 160 340	+
5.	(11)	127.84	250 510	
€.		28.02	120 2401	
7.		28.52	140 280	
٤.		28.60	280 570	
ç.		29.57	VID: 210:	1
10.		30.89	10 220	1
11.		31.56	180 270	+
13.	( 21.1)	33.51   33.62	160 320	+
14.	(PAri)	134.16	190 380	
15.			20 4101	<del>-</del>
1 <b>ĉ.</b> .		37.31	300 590!	
17.		138.01	470 9301	i
16.	,	138.08	290 570:	
19.	(PAH)	38.23	460 9301	i
20.	<u> </u>	40.11	290 580 1	<u>'</u>
21.			1	<u>_</u>
23.				<del></del> ;
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NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	Contract:		SS10 DLRE
Lab Code:	10252	Cas	se No.:	SAS No.:	SD	G No.: PANAM
Matrix: (soil/	water)	SOIL	_	Lab S	Sample ID: <u>I</u>	_62601-18, 2X
Sample wt/v	ol:	30.058	(g/ml) G	Lab F	File ID:	31740.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

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-Chlorophenoi	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-Chioronaphthalene	860	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl phthalate	860	Ū
208-96-8	Acenaphthylene	860	Ū
606-20-2	2,6-Dinitrotoluene	860	U
99-09-2	3-Nitroaniline	2100	Ū
83-32-9	Acenaphthene	210	JD
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	Ü
132-64-9	Dibenzofuran	860	Ŭ
121-14-2	2,4-Dinitrotoluene	860	Ü

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND L	ABORATORY, INC.	Contract:	SS10 DLRE
I ah 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	Ð
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	םנ
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	Ū
191-24-2	Benzo(g,h,i)perylene	1000	D

4/5/01

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSON

Lat Name:		Co.	mract				•	
Lab Code:	Case N				SCG No.:			
Matrix: (soil/vater) _							3	
Sample wdvol.	(c/:::)			しょう デジャ	10: B1740.	9		
Levei: (low/med)			•		ceived:			
% Moisture: decant	ted: (Y/N)	not		Date Ex	taced:			
Concentrated Extrac		الناء	ible	Date Ac	عاريسرن			
Injection Volume:		•••		Oilution	7 A		-	
GPC Clasnup: (Y/N		2H:					•	
Number TICs found:_	<u> </u>	-			ENTRATION UNITS . et legike). La			
CAS NUMBER	cc	MECUNO NAME	1	RT	I EST. CONC.	i	G i	
1.	1 Unkn	WO	120	0.03	! 270		5 !	سنه
2.		(P4H)		.59		! 1		_
3.		(")		.82			1 1	L.
4.			127	.57				سسن
5.			129	.ල3	760		1	رسم
δ.		(PAH)	130.	25	270	;	!	.رست
7.			131.	09	190			س.
٤.			132	.ο <b>7</b> i	660	i	i	/ //
<u>ç.</u>			132	18	Z00	;		
10.		CPAH)	32.	56 1	200	!		<u> </u>
11.			134.	23 !	2SD	į		
12.			135.	26	360	. !	10	
13.			136		1900	!		<u>_</u>
14.			136	54 1	1400	i		
15.		1	137	03!	2900	İ	-	
16.		(AH)	37.	11	2600	i	1 2	
17.		1	138.1	<u>ا ٦ ز</u>	1800	i 🖠		
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74.				. 1		1		
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s.			1			1		
7.			1			1	1	
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			1	1		i	i	
				, [		i		

FORM I-CLF-SV-TIC

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.57

# NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORAT	ORY, INC.	Contract:		TP7,9
Lab Code:	10252	Cas	se No.:	SAS N	o.: S	DG No.: PANAM
Matrix: (soil/	water)	SOIL		La	ab Sample ID:	L62601-19
Sample wt/vo	ol:	30.078	(g/ml) G	La	ab File ID:	A1438.D
Level: (low/r	ned)	LOW		D	ate Received:	01/11/01
% Moisture:	22.4	dec	anted:(Y/N) _	N Da	ate Extracted:	02/05/01
Concentrated	t Extract	Volume: 5	00 (uL)	Da	ate Analyzed:	02/28/01

Dilution Factor: 1.0

		CONCENTRATION U	NITS:
CAS NO.	COMPOUND	(ug/L or ug/Kg) UှှG/KG	
108-95-2	Phenol	4:	30 U
111-44-4	bis(2-Chloroethylether)	/ 4:	30 U
95-57-8	2-Chlorophenol	4:	30 U
541-73-1	1,3-Dichlorobenzene	<i>*</i> 4:	30 U
106-46-7	1,4-Dichlorobenzene	<i>A</i> 4:	30 U
95-50-1	1,2-Dichlorobenzene	, m 4:	30 U
95-48-7	2-Methylphenol	/ 4:	30 U
108-60-1	2,2'-oxybis(1-Chloropropane	4:	30 U
106-44-5	4-Methylphenol a	ý 4:	30 U
621-64-7	N-Nitrosodi-n-propylamine		30 U
67-72-1	Hexachloroethane 💉	4:	30 U
98-95-30	Nitrobenzene	4:	30 U
78-59-1	Isophorone	4:	30 U
88-75-52	2-Nitrophenol	4:	30 U
105-67-9	2,4-Dimethylphenol	4:	30 U
111-91-1	bis(2-Chloroethoxymethane)	43	30 U
120-83-2	2,4-Dichlorophenol	43	30 U
120-82-1	1,2,4-Trichlorobenzene	43	30 U
91-20-3	Naphthalene	43	30 U
106-47-8	4-Chloroaniline	43	30 U
87-68-3	Hexachlorobutadiene	43	30 U
59-50-7	4-Chloro-3-methylphenol	43	30 U
91-57-6	2-Methylnaphthalene	43	30 U
77-47-4	Hexachlorocyclopentadiene	43	30 U
88-06-2	2,4,6-Trichlorophenol	43	30 U
95-95-4	2,4,5-Trichlorophenol	110	00 U
91-58-7	2-Chloronaphthalene	43	30 U
88-74-4	2-Nitroaniline	110	00 U
131-11-3	Dimethyl phthalate	43	30 U
208-96-8	Acenaphthylene	43	30 U
606-20-2	2,6-Dinitrotoluene	43	10 U
99-09-2	3-Nitroaniline	110	0 U
83-32-9	Acenaphthene		i1 J
51-28-5	2,4-Dinitrophenol	110	0 U
100-02-7	4-Nitrophenol	110	
/ 132-64-9	Dibenzofuran	43	0 U
121-14-2	2,4-Dinitrotoluene	43	10 U

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NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

 TP7,9	ار اکستان
	, <b>&gt;</b> 0

Lab Name:	FRIEND	LABORA	TORY, INC.	c	ontract:	
Lab Code:	10252	Ca	se No.:		SAS No.: S	DG No.: PANAM
Matrix: (soil/	water)	SOIL	_		Lab Sample ID:	L62601-19
Sample wt/vo	ol:	30.078	(g/ml) G		Lab File ID:	A1438.D
Level: (low/n	ned)	LOW	<u> </u>		Date Received:	01/11/01
% Moisture:	22.4	de	canted:(Y/N)	N	_ Date Extracted:	02/05/01
Concentrated	Extract	Volume:	500 (uL)		Date Analyzed:	02/28/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
GPC Cleanur	o: <b>(Y/N)</b>	Y	pH: 7.57		p c c c c c c c c c c c c c c c c c c c	

CAS NO.	COMPOUND	(ug/L or ug	Q	
84-66-2	Diethyl phthalate	J.	430	U
7005-72-3	4-Chlorophenylphenylether	·	430	U
86-73-7	Fluorene	e de la companya de l	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 <sup>-</sup>		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
	Benzo(k)fluoranthene		98	١
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 NYSDEC SAMPLE NO.

Lab Name:	· - C		
Lab Code:	Case No.:	SAS No.: SEG No.:	
Matrix: (soil/vater)		Lao Sample 10: Llo2601 - 19	
Sample wovol.	(g/mL)	Lab File ID: A1438 d	
Level: (low/med)		Date Received:	
% Maisture: decanted	d: (Y/N)	· Date Esternad:	
Concentrated Extract \		Data Analyzed:	779
Injection Volume:		Oilution Factor 1	00
GFC Clasnup: (Y/N)		3	779
		CONCENTRATION UNITS:	2/1
Number TICs found:	4.	(hair as haive) na Tra	>1-
CAS NUMBER	COMPOUND NAME	RT   EST. GONC.   Q	
1.	Unknown	17.73 91 5	
2.	J	120.84   180   1	
3.		124.25   200	
4.		128.42   90	
5.			
6.			
7.			
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g.			
10.			
11.			
12.		.!	
13.			
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NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	FRIEND	LABORA	TORY, INC.	(	Contract:	TP7,9 RE
Lab Code:	10252		ise No.:			DG No.: PANAM
Matrix: (soil/	water)	SOIL			Lab Sample ID:	L62601-19
Sample wt/vo	ol:	30.064	(g/ml) G		Lab File ID:	A1237.D
Level: (low/r	med)	LOW	_		Date Received:	01/11/01
% Moisture:	22.4	de	canted:(Y/N)	N	Date Extracted:	01/15/01
Concentrated	Extract	Volume:	500 (uL)		Date Analyzed:	01/31/01
Injection Volu	ıme: <u>2.</u>	0 (uL)			Dilution Factor:	1.0
GPC Cleanu	p: <b>(Y/N)</b>	Y	pH: 7.57			

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	430	ŭ
95-57-8	2-Chlorophenol	430	Ū
541-73-1	1,3-Dichlorobenzene	430	Ü
106-46-7	1,4-Dichlorobenzene	430	Ü
95-50-1	1,2-Dichlorobenzene	430	Ü
95-48-7	2-Methylphenol	430	Ü
108-60-1	2,2'-oxybis(1-Chloropropa		U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitrosodi-n-propylamin	e 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-Chloroethoxymetha		Ū
120-83-2	2,4-Dichlorophenol	430	Ū
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	Hexachlorocyclopentadie		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	Ü
208-96-8	Acenaphthylene	430	Ū
606-20-2	2,6-Dinitrotoluene	430	Ū
99-09-2	3-Nitroaniline	1100	Ü
83-32-9	Acenaphthene	430	Ū
51-28-5	2,4-Dinitrophenol	1100	Ū
100-02-7	4-Nitrophenol	1100	Ü
132-64-9	Dibenzofuran	430	Ü
121-14-2	2,4-Dinitrotoluene	430	Ū

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

 Lab Name:
 FRIEND LABORATORY, INC.
 Contract:
 TP7,9 RE

 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
ONO ITO.	SOM SOM	(ug/L or ug/Ng) co/Nc	~

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	٦
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	<b>C</b>

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CENTACCALLET OLICANICALE .T TENTATIVELY IDENTIFIED COMPOUNDS . HYSDEC SAMPLE NO. Contract: Lab Code:\_\_\_\_\_ Case No.:\_\_\_\_ . SOG No.:\_\_\_ SAS No.:\_\_\_\_ Las Sample 10: Llo2601-19 Motrix: (soilAvater) Sample word (c/mi.) Lab File 10: A1237. d Levei: (low/med) \_\_\_\_\_ Date Received:\_\_\_\_\_ % Moisture: decanted: (Y/N) \_\_\_\_ Oats Estraced:\_\_\_\_\_ Concentrated Extract Volume: (31) Data Analyzadz Injection Volume: (pL) Oilutina Factor GPC Cleanupt (YIN) \_\_\_\_\_ SH: \_\_\_\_\_ CONCENTRATION UNITS: Number TiCs found: (ugil or ugika) LOICO CAS NUMEER COMPICUND NAME RT EST. CONC. i G 1 20.57 ! 420 JB! Unknown 2. 23.981 230 3. 1 3 124-90 170 25.03 92 | 27.75 | 35.31 150 7. 10. 11. 12. 13. 15. 1£. 17. iŝ. 19. 2G. 21. 22. 23. 24. 25. 27. 23.

FORMI-CLP-SV-TIC

23.

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	Name: FRIEND LABORATORY, INC.		Contra	act:	1710	
Lab Code:	10252	Са	se No.:	SAS	S No.:	SDG No.: PANAM
Matrix: (soil/	water)	SOIL	-		Lab Sample ID	): <u>L62601-20</u>
Sample wt/vo	ol:	28.627	(g/ml) G		Lab File ID:	A1478.D
Level: (low/n	ned)	LOW	_		Date Received	l: <u>01/11/01</u>
% Moisture:	15.6	de	canted:(Y/N) _	N	Date Extracted	i: <u>02/05/01</u>
Concentrated	i Extract	Volume:	500 (uL)		Date Analyzed	: 03/02/01
Injection Volu	ıme: <u>2</u> .	.0 (uL)			Dilution Factor	1.0
GPC Cleanup	p: <b>(Y/N)</b>	Y	pH: <u>7.76</u>			

# **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	C
105-67-9	2,4-Dimethylphenol	410	J
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	Ú
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	Ū
208-96-8	Acenaphthylene	410	Ū
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	Ü
83-32-9	Acenaphthene	410	Ü
51-28-5	2,4-Dinitrophenol	1000	Ü
100-02-7	4-Nitrophenol	1000	Ü
132-64-9	Dibenzofuran	410	Ü
121-14-2	2,4-Dinitrotoluene	410	<del>ŭ</del> ,

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## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP10 Contract: Lab Name: FRIEND LABORATORY, INC. SAS No.: SDG No.: PANAM Lab Code: 10252 Case No.: SOIL Lab Sample ID: L62601-20 Matrix: (soil/water) 28.627 Sample wt/vol: (g/ml) G Lab File ID: A1478.D Level: (low/med) LOW Date Received: 01/11/01 % Moisture: 15.6 decanted:(Y/N) Date Extracted: 02/05/01 Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/02/01 Dilution Factor: 1.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.76

COMPOUND

CAS NO.

### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

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	] <b>!</b>
84-74-2	Di-n-butyl phthalate	410	U	
206-44-0	Fluoranthene	410	U	
129-00-0	Pyrene	410	U	7
85-68-7	Butylbenzyl phthalate	410	C	7
91-94-1	3,3'-Dichlorobenzidine	410	U	7
56-55-3	Benzo(a)anthracene	410	7	7
218-01-9	Chrysene	410	C	7
117-81-7	bis-2-Ethylhexyl phthalate	410	כ	
117-84-0	Di-n-octyl phthalate	410	U	7
205-99-2	Benzo(b)fluoranthene	410	U	
207-08-9	Benzo(k)fluoranthene	410	U	7
50-32-8	Benzo(a)pyrene	410	J	71
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	7
53-70-3	Dibenzo(a,h)anthracene	410	U	7 ]
191-24-2	Benzo(g,h,i)perylene	410	Ü	J

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#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO. Lab Name: Contract: Lab Code:\_\_\_\_ SAS No.:\_\_\_\_\_ SUG No.:\_\_\_\_ Case No.:\_\_\_\_ Late Sample 10: LC 2001-20 Matrix: (soil/vates) Sample wt/vol. (c/mi.) Level: (low/med) Oata Raceived:\_\_\_\_\_ N47628 12-71 3/8 % Meistura: dacanted: (Y/N) Date Estraced: Concentrated Extract Volume: \_\_\_\_\_(::-) Data Analyzed:\_\_\_\_\_ Injection Volume: \_\_\_\_\_(pt.) Oilution Factor GPC Claanup: (Y/N) \_\_\_\_\_ 5#: \_\_\_\_ CONCENTRATION UNITS: (ugil or uging) Ugike CAS NUMBER COMPICIONO NAME EST. CONC. Unknown n.24 100J 2. 17.79 91 3. 19.15 86 19.60 95 120:62 ŝ. 120.93 140 7. 2289 120 ε. 123.60 130 24.34 330 10. 24.41 230 11. 2445 430

25.84

128.52

32.08

77.21

29.76!

30.95 | 960

230

240

ZSD

220

830

FGPM I-CLF-SV-TIC

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15. 19. 20. 21. 22. 23. 24. 25. 27. 23. 27. 23.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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|--------|------|-------|---|
|--------|------|-------|---|

| Lab Name:       | FRIEND | LABORAT | ORY, INC.   | Contr | act:            | TP10               | RE               |
|-----------------|--------|---------|-------------|-------|-----------------|--------------------|------------------|
| Lab Code:       | 10252  | Cas     | se No.:     | SA    | S No.: S        | DG No.: <u>PAN</u> | IAM              |
| Matrix: (soil/v | vater) | SOIL    |             |       | Lab Sample ID:  | L62601-20          | يخ بحقر الأ      |
| Sample wt/vo    | ol:    | 28.627  | (g/ml) G    | _     | Lab File ID:    | A1452.D            |                  |
| Level: (low/n   | ned)   | LOW     |             |       | Date Received:  | 01/11/01           | ). <sup>45</sup> |
| % Moisture:     | 15.6   | dec     | anted:(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

| 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                   | J        |
| 106-44-5 | 4-Methylphenol                                | 410                   | C        |
| 621-64-7 | N-Nitrosodi-n-propylamine                     | 410                   | U        |
| 67-72-1  | Hexachloroethane -                            | 410                   | <b>C</b> |
| 98-95-30 | Nitrobenzene -                                | 410                   | J        |
| 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  | <ul> <li>Hexachlorocyclopentadiene</li> </ul> | 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                   | Ū        |
| 99-09-2  | 3-Nitroaniline                                | 1000                  | U        |
| 83-32-9  | Acenaphthene                                  | 410                   | Ū        |
| 51-28-5  | 2,4-Dinitrophenol                             | 1000                  | Ū        |
| 100-02-7 | 4-Nitrophenol                                 | 1000                  | Ū        |
| 132-64-9 | Dibenzofuran                                  | 410                   | Ū        |
| 121-14-2 | 2,4-Dinitrotoluene                            | 410                   | U        |

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP10 RE Lab Name: FRIEND LABORATORY, INC. Contract: Case No.: SAS No.: SDG No.: PANAM

SOIL Matrix: (soil/water) 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

Dilution Factor: 1.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.76

Lab Code: 10252

| CAS NO.   | COMPOUND                   | (ug/L or ug/K | (ug/L or ug/Kg) UG/KG |    |
|-----------|----------------------------|---------------|-----------------------|----|
| 84-66-2   | Diethyl phthalate          | 6             | 410                   | U  |
| 7005-72-3 | 4-Chlorophenylphenylether  | 2.00          | 410                   | U  |
| 86-73-7   | Fluorene                   | er'           | 410                   | U  |
| 100-01-6  | 4-Nitroaniline             |               | 1000                  | U  |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | a*            | 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 3        |               | 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 HYSDEC SAMPLE NO.

| Lab Code:                 | Case No.:     | SAS No.:   | SCG No.:                   |
|---------------------------|---------------|--|----------------------------|
| Matrix: (soil/vater)      |               | · Lat Sa   | mpia i0: <u>LU2601-7</u> 0 |
| Sample wt/voil <u>fr </u> | (c/:::)       | Lab File   | 10: A1452.d                |
| Level: (low/med)          |               |  | iceired:                   |
| % Moisture: decante       | ed: CVN)      |  | tac2d:                     |
| •                         | <del></del>   | •  |                            |
|                           | Volume: (;::) | Data An  | aiyz <del>a</del> d:       |
| Injection Volume:         | •             | Oilutisa .   | Factr                      |
| GPC Clasnup: (Y/N)        |               |  |                            |
|                           |               |  | באדד אזוכא טאָוד:          |
| Number TICs found:_       | 20            | (::=:  |                            |
| CAS NUMBER                |               |  |                            |
| 1.                        | COMPOUND NAME |  | EST. CONC.                 |
| 2.                        | Unknown       |  | 1 100 3                    |
| 3.                        |               | 17.03  | 87    <br>  110            |
| 4.                        |               | 119.47   | 110                        |
| 5.                        |               | 120.49   | 110                        |
| ĉ                         |               | 20.80  |                            |
| 7.                        |               | 21.16  | 130                        |
| ε.                        |               | 122.75   | 140.                       |
| .                         |               | 1 23.46 1  |                            |
| 1.                        |               | 124.20   | 370                        |
|                           |               | 24.27  | 270 !                      |
|                           |               | 24.31  |                            |
|                           |               | 25.70  |                            |
|                           |               | 1 27.06  |                            |
| .                         |               | 1 28.36!   | 240                        |
|                           |               | 129.591  | · •                        |
|                           |               | 30.64  | 760                        |
|                           |               | 130.78   | 1100                       |
|                           |               | 131.92   | 840                        |
|                           |               | 1 93.01  | <i>65</i> 0 ↓ ↓            |
| ĺ                         |               |  |                            |
|                           |               |  | le .                       |
|                           |               | <u> </u>   |                            |
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|                           |               |  |                            |
|                           |               | i  | <u>-</u>                   |
|                           |               | <del></del>  |                            |
|                           |               | <del>- i - i - i - i - i - i - i - i - i - i</del> |                            |

10/35

### NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND         | LABORATORY, INC. | Contract | :               | 3312          |
|----------------|----------------|------------------|----------|-----------------|---------------|
| Lab Code:      | 10252          | Case No.:        | SAS N    | lo.: S          | DG No.: PANAM |
| Matrix: (soil/ | vater)         | SOIL             | L        | ab Sample ID:   | L62601-35     |
| Sample wt/vo   | oi:            | 30.062 (g/ml) G  | L        | ab File ID:     | A1283.D       |
| Level: (low/n  | ned)           | LOW              | D        | ate Received:   | 01/12/01      |
| % Moisture:    | 28.1           | decanted:(Y/N)   | N D      | ate Extracted:  | 01/17/01      |
| Concentrated   | Extract        | Volume: 500 (uL) | D        | ate Analyzed:   | 02/07/01      |
| Injection Volu | ıme: <u>2.</u> | 0 (uL)           | D        | ilution Factor: | 1.0           |

GPC Cleanup: (Y/N) Y pH: 7.57

| 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-Chloroprop | ane) 460              | U |
| 106-44-5 | 4-Methylphenol           | 460                   | U |
| 621-64-7 | N-Nitrosodi-n-propylamir | 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-Chloroethoxymetha  | ine) 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  | Hexachlorocyclopentadie  |                       | Ü |
| 88-06-2  | 2,4,6-Trichlorophenol    | 460                   | Ü |
| 95-95-4  | 2,4,5-Trichlorophenol    | 1200                  | U |
| 91-58-7  | 2-Chloronaphthalene      | 460                   | U |
| 88-74-4  | 2-Nitroaniline           | 1200                  | Ū |
| 131-11-3 | Dimethyl phthalate       | 460                   | Ü |
| 208-96-8 | Acenaphthylene           | 460                   | Ü |
| 606-20-2 | 2,6-Dinitrotoluene       | 460                   | Ū |
| 99-09-2  | 3-Nitroaniline           | 1200                  | Ü |
| 83-32-9  | Acenaphthene             | 83                    | J |
| 51-28-5  | 2,4-Dinitrophenol        | 1200                  | U |
| 100-02-7 | 4-Nitrophenol            | 1200                  | Ū |
| 132-64-9 | Dibenzofuran             | 64                    | J |
| 121-14-2 | 2,4-Dinitrotoluene       | 460                   | Ü |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:     | FRIEND LAB  | ORATORY, INC. | Contract: | 5512              |
|---------------|-------------|---------------|-----------|-------------------|
| Lab Code:     | 10252       | Case No.:     | SAS No.:  | SDG No.: PANAM    |
| Matrix: (coil | water) SOII |               | I ah Samn | NA ID: 1 62601-35 |

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

| 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 |          | the    |
| 117-84-0  | Di-n-octyl phthalate       | 460  | U | シス       | 4/3/01 |
| 205-99-2  | Benzo(b)fluoranthene       | 1200 |   | 2        | 41510  |
| 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  |   | <b>V</b> |        |
| 53-70-3   | Dibenzo(a,h)anthracene     | 460  | Ü | UI       |        |
| 191-24-2  | Benzo(g,h,i)perylene       | 560  |   | J        |        |
|           |                            |      |   | -        |        |

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAME

| Lab Name:              |               | Cantract. | -          |                                      | <del></del> |            |
|------------------------|---------------|-----------|------------|--------------------------------------|-------------|------------|
| Lab Code:              | Case No.:     | _LON 2A2  | <u> </u>   | \$0G No.:                            |             |            |
| Matrix: (soil/vater)   |               |           | Lac Sam    | pia 10: 162601                       | <u>-35</u>  |            |
| Sample wdvol.          | (c/mi.)       |           | Lab File l | 10:A1283. d                          |             |            |
| Levai: (low/med)       |               |           | Date Res   | eired:                               |             |            |
| % Moistura: dacanted   |               |           | Ozia Est   | acad:                                |             |            |
| Concentrated Extract V |               | •         | Data Ans   | ;;==±:                               |             | 12         |
| Injection Volume:      |               |           | •          | :c:r                                 |             | <i>[</i> ( |
|                        |               |           |            |                                      |             |            |
| GPC Cleanup: (Y/N) _   |               |           |            |                                      |             |            |
| Number TICs found:     | 20            |           |            | INTRATION UNITS:<br>or young) UNITS: |             |            |
| CAS NUMBER             | COMPIUND NAME |           | 87         | EST. CONC.                           | i c         | -1         |
| 1.                     | Unknown       |           | ודו        | 120                                  | 13          |            |
| 2.                     | Onchowin      |           | 20.26      | 320                                  | 1JB         |            |
| 3.                     |               |           | 123 65     |                                      | 1 1         |            |
| 4.                     |               |           | 124.54     | 130                                  | 13          | 12         |
| 5.                     |               |           | 24.59      |                                      | JB          |            |
| ē.                     |               |           | 24.70      | 190                                  | 15_         | -          |
| 7.                     |               | l         | 26.72      |                                      |             | - W        |
| ĉ.                     |               |           | 27.02      | 150                                  | <u> </u>    |            |
| g.                     |               |           | 27.27      |                                      | -           | -          |
| 10.                    |               |           | 27.41      |                                      | -           | 6          |
| 11.                    |               |           | 27.79      |                                      |             | · ·        |
| 12.                    |               |           | 29.861     |                                      | 138         |            |
| 13.                    |               |           | 29.99!     | 150<br>150                           | 1 7         | V          |
| 14.                    |               | <u>_</u>  | 30.13      | 180                                  | 1 1         | 10         |
| 15.                    |               | <u> </u>  | 30.95!     | 140                                  |             | 10         |
| 16.                    |               |           | 32.75!     |                                      | i           | 1          |
| 17.                    |               |           | 35.57      | 710                                  | 1.          | ~          |
| 15.                    |               | <u>_</u>  | 36.86      | 840                                  | ī           |            |
| 20.                    |               |           | 39,36      | 550                                  | J           | 1 /        |
| 21.                    |               | i         |            |                                      | i           | į          |
| 22.                    |               |           |            |                                      |             | į          |
| 23.                    |               |           |            | lt.                                  |             | İ          |
| 24.                    |               |           | - j        |                                      | <u> </u>    | ;          |
| 25.                    |               |           | 1          |                                      | <u> </u>    | 1          |
| 25.                    |               |           |            |                                      | i           | :          |
| 27.                    |               |           |            |                                      | <u> </u>    |            |
| 23.  <br>23.           |               |           |            |                                      |             |            |
|                        |               |           |            |                                      |             |            |
| 3C.                    | _             |           | !          |                                      |             |            |

FORM I-CLF-SV-TIC

115, 2/7/01

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name: | FRIEND LABORATORY, INC. | Contract: |
|-----------|-------------------------|-----------|
| Lab Name. | PRIEND LABORATORT, INC. | Contract. |

SS12 RE

| Lab Code: 10252 | MAM |
|-----------------|-----|
|-----------------|-----|

(g/ml) G

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-35

Sample wt/vol: Level: (low/med) LOW Lab File ID: A1272.D Date Received: 01/12/01

28.1 % Moisture:

Concentrated Extract Volume: 500 (uL)

decanted:(Y/N)

Date Extracted: 01/17/01

Injection Volume: 2.0 (uL)

Date Analyzed: 02/06/01

GPC Cleanup: (Y/N)

Y pH: 7.57

30.062

Dilution Factor: 1.0

| CAS NO.  | COMPOUND                    | (ug/L or ug/Kg) UG/KG |      | Q |
|----------|-----------------------------|-----------------------|------|---|
| 108-95-2 | Phenol                      |                       | 460  | U |
| 111-44-4 | bis(2-Chloroethylether)     | ď                     | 460  | U |
| 95-57-8  | 2-Chlorophenol              |                       | 460  | U |
| 541-73-1 | 1,3-Dichlorobenzene         | 1                     | 460  | U |
| 106-46-7 | 1,4-Dichlorobenzene         | i                     | 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 | Ò, |
|------------------|----|
|------------------|----|

| Lab Name:       | FRIEND        | LABORATOR          | RY, INC.       | _ Contra | ct:              |                   |
|-----------------|---------------|--------------------|----------------|----------|------------------|-------------------|
| Lab Code:       | 10252         | Case               | No.:           | SAS      | 6 No.: S         | DG No.: PANÂM     |
| Matrix: (soil/v | vater)        | SOIL               |                |          | Lab Sample ID:   | L62601-35         |
| Sample wt/vo    | ol:           | 30.062 (           | g/ml) <u>G</u> |          | Lab File ID:     | A1272.D           |
| Level: (low/n   | ned)          | LOW                |                |          | Date Received:   | 01/12/01          |
| % Moisture:     | 28.1          | decan              | ted:(Y/N)      | N        | Date Extracted:  | , <u>Ó1/17/01</u> |
| Concentrated    | Extract \     | Volume: <u>500</u> | (uL)           |          | Date Analyzed:   | 02/06/01          |
| Injection Volu  | me: <u>2.</u> | 0 (uL)             |                |          | Dilution Factor: | 1.0               |
| GPC Cleanup     | o: (Y/N)      | Ypl                | H: <u>7.57</u> |          |                  |                   |

| 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                  | J |  |
| 86-30-6   | n-Nitrosodiphenylamine     | 460                   | J |  |
| 101-55-3  | 4-Bromophenylphenylether   | 460                   | U |  |
| 118-74-1  | Hexachlorobenzene          | 460                   | U |  |
| 87-86-5   | Pentachlorophenol          | 1200                  | 5 |  |
| 85-01-8   | Phenanthrene               | 1500                  |   |  |
| 120-12-7  | Anthracene                 | 150                   | 7 |  |
| 86-74-8   | Carbazole                  | 200                   | J |  |
| 84-74-2   | Di-n-butyl phthalate       | 460                   | 5 |  |
| 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                   |   |  |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSON

HYSDEC SAMPLE NO. Confirmation

| Lat Name:           | •                | •            | Contract: |                         |                                      | -1   |
|---------------------|------------------|--------------|-----------|-------------------------|--------------------------------------|--|
| Lat Code:           | _ Case No.:_     |              | SAS No.:  | •                       | SEG No.:                             |  |
| Matriz: (soit/vater |                  |              |           |                         | ngie io: Llo20                       |  |
|                     | (c/mi_)          |              |           |                         | 10: A1272.                           |  |
| Levei: (low/med)    |                  | _            |           |                         | cined:                               |  |
|                     | anted: (Y/N)     |              |           |                         |                                      |  |
| •                   |                  |              |           |                         | tradi                                |  |
|                     | ract Yolume:(SE) | }            |           |                         | ווֹיְכּיּל:                          |  |
|                     | (FT)             |              |           | Oŭetisa i               | ic:r                                 |  |
| GPC Cleanup: (Y     | (N)              | ==           |           |                         |                                      |  |
| Number TICs found   | d: <u>70</u>     |              |           |                         | ENTRATION UNITS:<br>COURTE OF STREET | •  |
| CAS NUMBER          | CCUIT            | EUNO NAME    |           | I                       | EST. CONC.                           | <u> </u>   |
| 1.                  |                  | JONO VANE    |           |                         | ! 120                                | 1 5  |
| 2.                  | UIL              | <u>ICCI</u>  |           | 20.36                   |                                      | ! JB   |
| 3. *                |                  |              |           |                         | Z50                                  | 110  |
| 4.                  |                  |              |           | 24.68                   | 240                                  | 1 +  |
| 5.                  |                  |              | 1         | 2480 1                  | <del>110</del>                       | 13   |
| ĉ.                  |                  |              |           | 26.83                   | 110                                  |  |
| 7.<br>E.            |                  |              |           | 26.92                   | 100                                  |  |
| <u>c.</u>           |                  | <u> </u>     |           | <u> 27.14 i</u>         | 160                                  | 13   |
| 10.                 |                  |              |           | 27.361                  |                                      | 75   |
| 11.                 |                  | +            |           | <u>27.55  </u><br>27.90 |                                      | <del>-                                    </del> |
| 12.                 |                  | <del> </del> |           | 29.971                  | 160                                  |  |
| 13.                 |                  | 1            |           | 30.11                   | 150                                  | JB   |
| 14.                 |                  |              |           |                         | 760                                  | 15   |
| 15.                 |                  |              | İЗ        | 30.66!                  | 150                                  | 11:  |
| 15.                 |                  |              |           | 31.06                   | 170                                  | 1 1  |
| 17.                 |                  |              |           | 31.53 !                 | 230                                  |  |
| 19.                 |                  |              |           | 32.48                   | 1020                                 |  |
| 20.                 |                  |              | 1 5       | 32.67                   | 180<br>180                           | 1  |
| 21.                 |                  |              |           | 34.691<br>35.671        | Z70                                  | +++  |
| 22.                 |                  |              |           | 36.97                   | 1100                                 |  |
| 23.                 |                  |              |           | 37.51                   | 780                                  | 11   |
| 24.                 | 0                |              |           | 39.50                   | 970                                  |  |
| 25.                 |                  |              | 1         |                         |                                      | 1 1  |
| 25.                 |                  |              | 1         | I                       |                                      |  |
| 27.                 |                  |              |           |                         |                                      | !  |
| 23.                 |                  |              | !         |                         |                                      | <u> </u>   |
| 10.                 |                  |              | 1         | <u> </u>                |                                      |  |

FORM I-CLF-SV-TIC

14

NYSDEC SAMPLE NO.

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| FRIEND         | LABORAT               | ORY, INC.  | Contract:   | 5513   |
|----------------|-----------------------|--|---|--|
| 10252          |                       |  | SAS No.:  | SDG No.: PANAM   |
| vater)         | SOIL                  | _  | Lab Sample  | e ID: L62601-38  |
| ol:            | 30.013                | (g/ml) G   | Lab File ID:  | A1270.D  |
| ned)           | LOW                   | _  | Date Recei  | ved: 01/12/01  |
| 25.5           | dec                   | anted:(Y/N) _  | N Date Extra  | cted: 01/17/01   |
| Extract        | Volume: 5             | 600 (uL)   | Date Analys   | zed: <u>02/06/01</u>   |
| ıme: <u>2.</u> | 0 (uL)                |  | Dilution Fac  | ctor: <u>1.0</u>   |
| o: (Y/N)       | Y                     | pH: 7.65   | -   |  |
|                | 10252 vater) ol: ned) | 10252 Case vater) SOIL ol: 30.013 ned) LOW25.5 dec Extract Volume: 5 ime: 2.0 (uL) | vater) SOIL  ol: 30.013 (g/ml) G  ned) LOW  25.5 decanted:(Y/N)   Extract Volume: 500 (uL)  ome: 2.0 (uL) | 10252         Case No.:         SAS No.:           vater)         SOIL         Lab Sample           ol:         30.013         (g/ml) G         Lab File ID           ned)         LOW         Date Receive           25.5         decanted:(Y/N) N         Date Extract           Extract Volume:         500 (uL)         Date Analyst           ame:         2.0 (uL)         Dilution Face |

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

Q

(ug/L or ug/Kg) UG/KG

| ( <b>3</b>                   |   |   |
|------------------------------|---|---|
| Phenol                       | 450   | U   |
| bis(2-Chloroethylether)      | 450   | U   |
| 2-Chlorophenol               | 450   | U   |
| 1,3-Dichlorobenzene          | 450   | U   |
| 1,4-Dichlorobenzene          | 450   | U   |
| 1,2-Dichlorobenzene          | 450   | U   |
| 2-Methylphenol               | 450   | U   |
| 2,2'-oxybis(1-Chloropropane) | 450   | U   |
| 4-Methylphenol               | 450   | U   |
| N-Nitrosodi-n-propylamine    | 450   | U   |
| Hexachloroethane             | 450   | U   |
| Nitrobenzene                 | 450   | U   |
| Isophorone                   | 450   | U   |
| 2-Nitrophenol                | 450   | U   |
| 2,4-Dimethylphenol           | 450   | U   |
| bis(2-Chloroethoxymethane)   | 450   | U   |
| 2,4-Dichlorophenol           | 450   | U   |
| 1,2,4-Trichlorobenzene       | 450   | U   |
| Naphthalene                  | 48  | J   |
| 4-Chloroaniline              | 450   | U   |
| Hexachlorobutadiene          | 450   | U   |
| 4-Chloro-3-methylphenol      | 450   | U   |
| 2-Methylnaphthalene          | 450   | U   |
| Hexachlorocyclopentadiene    | 450   | U   |
| 2,4,6-Trichlorophenol        | 450   | U   |
| 2,4,5-Trichlorophenol        | 1100  | U   |
| 2-Chloronaphthalene          | 450   | U   |
| 2-Nitroaniline               | 1100  | U   |
| Dimethyl phthalate           |   | U   |
|                              |   | U   |
|                              |   | U   |
|                              |   | U   |
|                              | 180   | J   |
|                              |   | U   |
|                              |   | Ū   |
|                              |   | J   |
| · Dibciizoldian              | , ,,,   |   |
|                              | bis(2-Chloroethylether)  2-Chlorophenol  1,3-Dichlorobenzene  1,4-Dichlorobenzene  1,2-Dichlorobenzene  2-Methylphenol  2,2'-oxybis(1-Chloropropane)  4-Methylphenol  N-Nitrosodi-n-propylamine  Hexachloroethane  Nitrobenzene  Isophorone  2-Nitrophenol  2,4-Dimethylphenol  bis(2-Chloroethoxymethane)  2,4-Dichlorophenol  1,2,4-Trichlorobenzene  Naphthalene  4-Chloroaniline  Hexachlorobutadiene  4-Chloro-3-methylphenol  2-Methylnaphthalene  Hexachlorocyclopentadiene  2,4,6-Trichlorophenol  2,4,5-Trichlorophenol  2-Chloronaphthalene  2-Nitroaniline  Dimethyl phthalate  Acenaphthylene  2,6-Dinitrotoluene  3-Nitroaniline  Acenaphthene  2,4-Dinitrophenol  4-Nitrophenol | bis(2-Chloroethylether)         450           2-Chlorophenol         450           1,3-Dichlorobenzene         450           1,4-Dichlorobenzene         450           1,2-Dichlorobenzene         450           2-Methylphenol         450           2,2'-oxybis(1-Chloropropane)         450           4-Methylphenol         450           N-Nitrosodi-n-propylamine         450           Hexachloroethane         450           Nitrobenzene         450           Isophorone         450           2-Nitrophenol         450           2,4-Dimethylphenol         450           2,4-Dichlorophenol         450           1,2,4-Trichlorobenzene         450           Naphthalene         48           4-Chloroaniline         450           Hexachlorobutadiene         450           4-Chloro-3-methylphenol         450           2-Methylnaphthalene         450           4-Chioronaphthalene         450           2,4,6-Trichlorophenol         450           2,4,5-Trichlorophenol         450           2-Nitroaniline         1100           Dimethyl phthalate         450           2,6-Dinitrotoluene         450 </td |

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND         | LABORATORY, INC. | c | ontract:         | 3313          |
|-----------------|----------------|------------------|---|------------------|---------------|
| Lab Code:       | 10252          | Case No.:        |   | SAS No.: SI      | DG No.: PANAM |
| Matrix: (soil/v | vater)         | SOIL             |   | Lab Sample ID:   | L62601-38     |
| Sample wt/vo    | ol:            | 30.013 (g/ml) G  |   | Lab File ID:     | A1270.D       |
| Level: (low/n   | ned)           | 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 Volu  | me: <u>2</u> . | 0 (uL)           |   | Dilution Factor: | 1.0           |

### CONCENTRATION UNITS:

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

GPC Cleanup: (Y/N) Y pH: 7.65

| 01.00.0   | D'ab table late            | 450        |          | _   |
|-----------|----------------------------|------------|----------|-----|
| 84-66-2   | Diethyl phthalate          | 450        | <u>U</u> | -   |
| 7005-72-3 | 4-Chlorophenylphenylether  | 450        | U        | -   |
| 86-73-7   | Fluorene                   | 200        | J        | 4   |
| 100-01-6  | 4-Nitroaniline             | 1100       | U        | 4   |
| 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               | 4000 2800  | 2        | 0   |
| 129-00-0  | Pyrene                     | 4800 5400- | سيح      | Ď   |
| 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        | 7   |
| 117-84-0  | Di-n-octyl phthalate       | 450        | Ú        | こい  |
| 205-99-2  | Benzo(b)fluoranthene       | 2400       |          | -3  |
| 207-08-9  | Benzo(k)fluoranthene       | 790        |          | 7   |
| 50-32-8   | Benzo(a)pyrene             | 1500       |          | 7 1 |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 1100       |          | V   |
| 53-70-3   | Dibenzo(a,h)anthracene     | 450        | U        | 703 |
| 191-24-2  | Benzo(g,h,i)perylene       | 1100       |          | z   |

5st 412/01

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|                              |            | ••        |                                     |
|------------------------------|------------|-----------|-------------------------------------|
| Lab Name:                    |            | Contract: |                                     |
| Lab Code: Cas                | := Nc.:    | SAS No.:  |                                     |
| Matrix: (soil/vater)         |            | •         | Lab Sample 10: <u>L/62/601 - 38</u> |
| Sample whyoi! (c/mi.)        |            |           | Lab File 10: A1270.d                |
| Leveit (low/med)             |            | •         | Date Received:                      |
| % Moisture: decanted: (Y/N)  | _          |           | Date Estraced:                      |
| Concentrated Extract Volume: |            | •         | Oata Analyzadi                      |
| Injection Volume:(pL)        |            |           | Oliution Factor                     |
| GPC Claanup: (Y/N)           | ; <u>#</u> |           |                                     |

Number TICs found: 16

CONCENTRATION UNITS:

 $\overline{\mathsf{DD}}$ 

|              |                 |  | <u> </u>     |              |
|--------------|-----------------|--|--------------|--------------|
| CAS NUMBER   | COMPICIUNG NAME | RT I   | EST. CONC.   | i c          |
| 1.           | Unknown         | 20.35  | 250          | <u> 178</u>  |
| 2.           | O IN INCO.      | 123.75   | 240          | 11           |
| 3.           |                 | 124.63   | 190          | 12           |
| 4.           |                 | 124.85   | 270          |              |
| 5.           |                 | 126.87   | 200          | !            |
| 6.           |                 | 126.91   | ZID          |              |
| 7.           |                 | 127.12   | 410          |              |
| ε.           |                 | 127.81   | 200          | i            |
| g.           |                 | 127.901  | 550          | ;            |
| 10.          |                 | 30.22  | 260          |              |
| <del></del>  |                 | 130.84   | 2 <i>8</i> 0 | İ            |
| 11.          |                 | 131.05   | 150          | . !          |
| 12.          |                 | 132.47!  | 240          |              |
| 13.          |                 | 132.86   | 200          | 1            |
| 14.          |                 | 36.97  | 640          | 1            |
| 15.          |                 | 137.44   | 550          | 1            |
| 16. <u>.</u> |                 | 101.44   |              | i            |
| 17.          |                 | - i  |              |              |
| 13.          |                 |  |              | Ī            |
| 19.          |                 | <del>-                                    </del> |              |              |
| 20.          |                 |  |              | 1            |
| 21.          |                 | 1  |              | -            |
| 22.          |                 |  |              | <del>-</del> |
| 23.          |                 |  | t,           | <del></del>  |
| 24.          |                 |  |              |              |
| 25.          |                 |  |              | !            |
| 25.          |                 |  |              | 1            |
| 27.          |                 |  |              | -            |
| 23.          | ·               |  |              | 1            |
| 29.          |                 |  |              | 1            |
| 39.          |                 | 1.   |              |              |
|              |                 |  |              |              |

FORM I-CLF-SV-TIC

√*M* 

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND  | LABORAT | TORY, INC.   | c | ontract:     |       | 88        | 13 DL |
|----------------|---------|---------|--------------|---|--------------|-------|-----------|-------|
| Lab Code:      | 10252   | Ca      | se No.:      |   | SAS No.:     | sc    | OG No.: I | PANAM |
| Matrix: (soil/ | water)  | SOIL    | _            |   | Lab Sample   | e ID: | L62601-3  | 8, 2X |
| Sample wt/vo   | ol:     | 30.016  | (g/ml) G     |   | Lab File ID  | :     | A1281.D   |       |
| Level: (low/n  | ned)    | LOW     | _            |   | Date Recei   | ved:  | 01/12/01  | /     |
| % Moisture:    | 25.5    | de      | canted:(Y/N) | N | _ Date Extra | cted: | 01/17/01  |       |
| Concentrated   | Extract | Volume: | 500 (uL)     |   | Date Analy   | zed:  | 02/07/01  |       |
| njection Volu  | ıme: 2. | 0 (uL)  |              |   | Dilution Fa  | ctor: | 2.0       |       |

GPC Cleanup: (Y/N) Y pH: 7.65

|           |                             | CONCENTRATIONUNITS    |    |
|-----------|-----------------------------|-----------------------|----|
| 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 | Y 890                 | U  |
| 106-44-5  | 4-Methylphenol              | 890                   | U  |
| 621-64-7  | N-Nitrosodi-n-propylaminé   | 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-Trichlórobenzene      | 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                   | Ū  |
| 95-95-4   | / 2,4,5-Trichlorophenol     | 2200                  | Ü  |
| 91-58-7   | 2-Chloronaphthalene         | 890                   | ŭ  |
| 88-74-4   | 2-Nitroaniline              | 2200                  | Ū  |
| 131-11-3  | Dimethyl phthalate          | 890                   | Ü  |
| 208-96-8  | Acenaphthylene              | 890                   | Ü  |
| 606-20-2  | 2,6-Dinitrotoluene          | 890                   | Ü  |
| 99-09-2   | 3-Nitroaniline              | 2200                  | Ü  |
| 83-52-9   | Acenaphthene                | 170                   | JD |
| 51-28-5   | 2,4-Dinitrophenol           | 2200                  | U  |
| /100-02-7 | 4-Nitrophenol               | 2200                  | Ü  |
| 132-64-9  | Dibenzofuran                | 110                   | JD |
| 121-14-2  | 2,4-Dinitrotoluene          | 890                   | U  |

## NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| <b>SS13</b> | DL |
|-------------|----|
|             |    |

| Lab Name:      | FRIEND   | LABORATORY, INC. | C | Contract:        | SS13 DL       |
|----------------|----------|------------------|---|------------------|---------------|
| Lab Code:      | 10252    | Case No.:        |   | SAS No.: S       | DG No.: PANAM |
| Matrix: (soil/ | water)   | SOIL             |   | Lab Sample ID:   | L62601-38, 2X |
| Sample wt/vo   | ol:      | 30.016 (g/ml) G  |   | Lab File ID:     | A1281.D       |
| Level: (low/n  | ned)     | LOW              |   | Date Received:   | 01/12/01      |
| % Moisture:    | 25.5     | decanted:(Y/N)   | N | Date Extracted:  | 01/17/01 محمر |
| Concentrated   | Extract  | Volume: 500 (uL) |   | Date Analyzed:   | 02/07/01      |
| Injection Volu | ıme: 2.  | .0 (uL)          |   | Dilution Factor: | 2.0 /         |
| GPC Cleanu     | p: (Y/N) | Y pH: 7.65       |   | -                | P             |

| CAS NO.   | COMPOUND                   | (ug/L or ug/Kg | ÚG/KG | Q   |
|-----------|----------------------------|----------------|-------|-----|
| 84-66-2   | Diethyl phthalate          | - F            | 890   | U   |
| 7005-72-3 | 4-Chlorophenylphenylether  | 1              | 890   | U   |
| 86-73-7   | Fluorene                   | g gar          | 190   | JD  |
| 100-01-6  | 4-Nitroaniline             | , +4           | 2200  | U   |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | F<br>F         | 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 F               |                | 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   | C   |
| 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   | C C |
| 205-99-2  | Benzo(b)fluoranthene       |                | 2300  | D   |
| 207-08-9  | Benzo(k)fluoranthene       |                | 670   | QL  |
| 50-32-8   | Benzo(a)pyrene             |                | 1400  | D   |
|           | 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 ZXTENTATIVELY IDENTIFIED COMPOUNDS HYSOEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract Lab Code:\_\_\_\_ SAS No.: Case No.: SEG No.: Matrix: (soil/yater) Lab Sample 10: <u>LLB2601-3</u>3 LED FIE 10: A1281- d Sample wdvally (g/mi.) Level: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Oata Estracad: 1245435 Concentrated Extract Volume: \_\_\_\_\_\_(;;;) Oata Analysed: Oliution Factor 2 Injection Volume: \_\_\_\_\_(PL) GPC Clasnup: (Y/N) \_\_\_\_ <u>;∺:\_</u> CONCENTRATION UNITS: Number TICs found: // (mark or marke) ( D/Kg CAS NUMBER COMPICUND NAME 57 EST. CONC. 101 138 1 nknown 1 26.25 ! 190 2. 123.65 1 190 3. 124.73 220 4. 180 126.751 190 27.01 440 27.77 460 230 130.92 700 10. 32.74 1 290 11. 36.86! 1100 13. 15. 1ĉ. 17. 13. 20. 21.

FGRM I-CLF-SV-TIC

115,217/01

22. 23. 24. 25.

27. 23. 23. 39.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| Lab Name:       | FRIEND         | LABORA  | TORY, INC  | <b>C</b> . | Contract | :               | 11311111      |
|-----------------|----------------|---------|------------|------------|----------|-----------------|---------------|
| Lab Code:       | 10252          | Ca      | ase No.:   |            | SAS N    | lo.: S          | DG No.: PANAM |
| Matrix: (soil/v | water)         | SOIL    | _          |            | L        | ab Sample ID:   | L62601-43, 2X |
| Sample wt/vo    | ol:            | 30.055  | (g/ml) (   | 3          | L        | ab File ID:     | B1750.D       |
| Level: (low/n   | ned)           | LOW     |            |            | D        | ate Received:   | 01/12/01      |
| % Moisture:     | 31.4           | de      | canted:(Y/ | N) N       | D        | ate Extracted:  | 01/17/01      |
| Concentrated    | Extract        | Volume: | 500 (L     | ıL)        | D        | ate Analyzed:   | 02/19/01      |
| njection Volu   | ıme: <u>2.</u> | .0 (uL) |            |            | D        | ilution Factor: | 2.0           |
| GPC Cleanur     | o: (Y/N)       | Υ       | pH: 7.5    | 3          |          |                 |               |

| 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          | J  |
| 91-20-3  | Naphthalene                  | 490          | JD |
| 106-47-8 | 4-Chloroaniline              | 970          | U  |
| 87-68-3  | Hexachlorobutadiene          | 970          | ٦  |
| 59-50-7  | 4-Chloro-3-methylphenol      | 970          | J  |
| 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          | Ū  |
| 88-74-4  | 2-Nitroaniline               | 2400         | U  |
| 131-11-3 | Dimethyl phthalate           | 970          | Ū  |
| 208-96-8 | Acenaphthylene               | 970          | Ü  |
| 606-20-2 | 2,6-Dinitrotoluene           | 970          | Ü  |
| 99-09-2  | 3-Nitroaniline               | 2400         | Ü  |
| 83-32-9  | Acenaphthene                 | 1100         | D  |
| 51-28-5  | 2,4-Dinitrophenol            | 2400         | Ū  |
| 100-02-7 | 4-Nitrophenol                | 2400         | Ü  |
| 132-64-9 | Dibenzofuran                 | 790          | JD |
| 121-14-2 | 2,4-Dinitrotoluene           | 970          | U  |
| ·-·      | 1 -1                         |              |    |

#### NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-IPHZOL TATPIS, IL DL

C

| Lab Name:       | FRIEND | LABORATO | ORY, INC. | Contract:   |                       |
|-----------------|--------|----------|-----------|-------------|-----------------------|
| Lab Code:       | 10252  | Cas      | e No.:    | SAS No.:    | SDG No.: PANAM        |
| Matrix: (soil/v | vater) | SOIL     |           | Lab Samp    | ole ID: L62601-43, 2X |
| Sample wt/vo    | ol:    | 30.055   | (g/ml) G  | Lab File II | D: <u>B1750.D</u>     |

Level: (low/med) LOW Date Received: 01/12/01 % Moisture: 31.4 decanted:(Y/N) Ν Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01

Dilution Factor: 2.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.53

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

| 84-66-2   | Diethyl phthalate          | 970  | U  |
|-----------|----------------------------|------|----|
| 7005-72-3 | 4-Chlorophenylphenylether  | 970  | J  |
| 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 | O  |
| 86-74-8   | Carbazole                  | 950  | G  |
| 84-74-2   | Di-n-butyl phthalate       | 970  | 7  |
| 206-44-0  | Fluoranthene               | 5500 | D  |
| 129-00-0  | Pyrene                     | 4400 | ם  |
| 85-68-7   | Butylbenzyl phthalate      | 970  | C  |
| 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  | J  |
| 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  | Ü  |
| 191-24-2  | Benzo(g,h,i)perylene       | 660  | JD |

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC

| Lab Name:                 |                | Contract: |                          | <u>:</u>    |
|---------------------------|----------------|-----------|--------------------------|-------------|
| Lab Code:                 | Case No.:      | SAS No.:  | SCG No.:                 | _           |
| Matrix: (soilAvater)      |                | - Lab S   | ample 10: <u>Llo</u> 260 | 1-43        |
| Sample wilvol!            | <u>(c/=i_)</u> | Lab Fi    | ie 10: B1750. d          |             |
| Level: (low/med)          |                | Date F    | iacamad:                 |             |
| % Moistura: decanted: (   | (Y/N)          | · Date 8  | idaced:                  |             |
| Concentrated Extract Volu | <del></del>    | •         | nsiysed:                 |             |
| Injection Volume:         |                |           | Factor 2                 |             |
| GFC Cleanup: (Y/N)        |                |           |                          |             |
| Number TICs found:        |                |           | ENTRATION UNITS:         | •           |
| CAS NUMBER                | COMPICUNO NAME | RT        | EST. CONC.               |             |
| 1.                        | Unknown        |           | ! 460                    | 13          |
| 3.                        |                |           | 360                      | JB          |
| 4.                        |                |           | 1 430                    | 15          |
| 5.                        |                | 124.45    | 510                      |             |
| ā.                        |                | 126.41    | 1000                     | +           |
| 7.                        |                |           | ! 1000<br>! 380          | <del></del> |
| €.                        |                | 276.73    |                          |             |
| Ç.                        |                | 27.42     |                          | :           |
| 10.                       |                | 30.65     |                          | 11          |
| 11.                       |                |           |                          | <u>!</u>    |
| 12.                       |                |           |                          |             |
| 13.                       |                |           |                          | !           |
| 15.                       |                |           |                          | 1           |
| 6.                        |                |           |                          | <u>'</u>    |
| 7.                        |                |           |                          | ·           |
| ā.                        |                |           |                          |             |
| g.                        |                |           |                          | i           |
| 0.                        |                |           |                          |             |
| 1.                        |                |           |                          |             |
| 2.                        |                |           |                          |             |
| .                         |                |           | is .                     |             |
|                           |                |           | 1                        |             |
|                           |                |           | 1                        |             |
|                           |                |           | 1                        |             |
|                           |                |           | -                        |             |
|                           |                |           |                          |             |
|                           |                |           |                          |             |

01539

#### ΙB

#### NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-TP14,15

| Lab Name:       | FRIEND          | LABORATORY, INC. | С | ontract:         | IP-1P14, C    |
|-----------------|-----------------|------------------|---|------------------|---------------|
| Lab Code:       | 10252           | Case No.:        |   | SAS No.: SI      | DG No.: PANAM |
| Matrix: (soil/v | vater)          | SOIL             |   | Lab Sample ID:   | L62601-44     |
| Sample wt/vo    | ol:             | 30.005 (g/ml) G  |   | Lab File ID:     | A1342.D       |
| Level: (low/n   | ned)            | 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 Volu  | ıme: <u>2</u> . | .0 (uL)          |   | Dilution Factor: | 1.0           |

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

| 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                   | υ |
| 78-59-1  | Isophorone                   | 410                   | J |
| 88-75-52 | 2-Nitrophenol                | 410                   | ٦ |
| 105-67-9 | 2,4-Dimethylphenol           | 410                   | ט |
| 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                  | Ū |
| 100-02-7 | 4-Nitrophenol                | 1000                  | Ū |
| 132-64-9 | Dibenzofuran                 | 410                   | U |
| 121-14-2 | 2,4-Dinitrotoluene           | 410                   | U |

COMPOUND

CAS NO.

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| TP-TP14, 15 |
|-------------|
|-------------|

Q

| Lab Name:       | FRIEND          | LABORAT   | ORY, INC.      | Contract | ·               | TP-TP14, IS   |  |
|-----------------|-----------------|-----------|----------------|----------|-----------------|---------------|--|
| Lab Code:       | 10252           | Cas       | se No.:        | SAS      | lo.: S          | DG No.: PANAM |  |
| Matrix: (soil/v | water)          | SOIL      |                | L        | ab Sample ID:   | L62601-44     |  |
| Sample wt/vo    | ol:             | 30.005    | (g/ml) G       | L        | ab File ID:     | A1342.D       |  |
| Level: (low/n   | ned)            | LOW       |                | D        | ate Received:   | 01/12/01      |  |
| % Moisture:     | 19              | dec       | anted:(Y/N)    | N D      | ate Extracted:  | 01/17/01      |  |
| Concentrated    | Extract         | Volume: 5 | 00 (uL)        | D        | ate Analyzed:   | 02/13/01      |  |
| Injection Volu  | ıme: <u>2</u> . | 0 (uL)    |                | D        | ilution Factor: | 1.0           |  |
| GPC Cleanur     | p: <b>(Y/N)</b> | <u>Y</u>  | pH: <u>7.6</u> |          |                 |               |  |
|                 |                 |           |                |          |                 |               |  |

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

|           | (-3                        |      |      |
|-----------|----------------------------|------|------|
| 84-66-2   | Diethyl phthalate          | 410  | U    |
| 7005-72-3 | 4-Chlorophenylphenylether  | 410  | Ū    |
| 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. V |
| 117-84-0  | Di-n-octyl phthalate       | 410  | J    |
| 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  |      |

201 4/3/01

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSOEC SAMPLE NO. Lab Name:\_\_\_\_\_ SAS No.:\_\_\_\_ Lab Code:\_\_\_\_\_ Case No.:\_\_\_\_ SCG No.: Lao Sample 10: <u>L62601 - 44</u> Matrix: (soilAvater) Sample w/vol.// (g/mi.) Lab File 10: A1342. d Date Received: Level: (low/med) % Moisture: decanted: (Y/N) \_\_\_\_\_ Data Estraced: Concentrated Extract Volume: \_\_\_\_\_(::) Date Analyzed: Injection Volume: (UL) Oilution Factor\_\_\_\_ GFC Cleanup: (Y/N) \_\_\_\_ \_\_\_ ∷ج CONCENTRATION UNITS: Number TICs found: 9 (neir et heixe) FAIRA CAS NUMBER COMFICUND NAME 57 EST. CONC. C 1. Unknown 16.31 180 2. 17.28 140 (A4H) 210 20.08 350 158 5. 20.48 180 160 540 50 23.59 510 13 430 26.38 11. 12. 13. 14. 15.

FORM I-CLF-SV-TIC

10,2/14/01

16. 17. 15. 19. 20. 21. 22. 23. 24. 25. 25. 27. 23.

### 1B

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

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| TD | TD  | 4 4 | RE  |
|----|-----|-----|-----|
| 17 | -17 | 14  | KE. |

| Lab Name:       | FRIEND    | LABORATORY, INC. | C | ontract:         | IP-IP14 RE        |
|-----------------|-----------|------------------|---|------------------|-------------------|
| Lab Code:       | 10252     | Case No.:        |   | SAS No.:         | SDG No.: PANAM    |
| Matrix: (soil/v | water)    | SOIL             |   | Lab Sample ID    | : L62601-44       |
| Sample wt/vo    | ol:       | 30.005 (g/ml) G  |   | Lab File ID:     | A1332.D           |
| _evel: (low/n   | ned)      | LOW              |   | Date Received    | : <u>01/12/01</u> |
| % Moisture:     | 19        | decanted:(Y/N)   | N | _ Date Extracted | : 01/17/01/5      |
| Concentrated    | i Extract | Volume: 500 (uL) |   | Date Analyzed:   | 02/12/01          |
| njection Volu   | ıme: 2.   | .0 (uL)          |   | Dilution Factor: | 1.0               |

| 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          | <b>£</b> 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                   | Ü |
| 88-06-2  | 2,4,6-Trichlorophenol        | 410                   | U |
| 95-95-4  |                              | 1000                  | U |
| 91-58-7  | 2-Chloronaphthalene          | 410                   | U |
| 88-74-4  | 2-Nitroaniline               | 1000                  | U |
| 131-11-3 | Dimethyl phthalate           | 410                   | Ü |
| 208-96-8 | Acenaphthylene               | 410                   | Ū |
| 606-20-2 | 2,6-Dinitrotoluene           | 410                   | Ū |
| 99-09-2  | 3-Nitroaniline               | 1000                  | Ū |
| 83-32-9  | Acenaphthene                 | 47                    | J |
| 51-28-5  | 2,4-Dinitrophenol            | 1000                  | Ü |
| 100-02-7 | 4-Nitrophenol                | 1000                  | Ü |
| 132-64-9 | Dibenzofuran                 | 43                    | J |
| 121-14-2 | 2,4-Dinitrotoluene           | 410                   | Ü |

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

#### NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEN        | LABORATORY, INC.        | Contract:   |                     | TP-TP14 RE           |
|----------------|--------------|-------------------------|-------------|---------------------|----------------------|
| Lab Code:      | 10252        | Case No.:               | SAS No.:    | SDG N               | lo.: PANAM           |
| Matrix: (soil/ | vater)       | SOIL                    | Lab Sam     | ple ID: <u>L626</u> | 601-44 <sup>37</sup> |
| Sample wt/vo   | oi:          | 30.005 (g/ml) G         | Lab File I  | D: <u>A13</u>       | 32.D 💉               |
| Levei: (low/n  | ned)         | LOW                     | Date Rec    | eived: <u>01/1</u>  | 2/01                 |
| % Moisture:    | 19           | decanted:(Y/N)          | N Date Extr | acted: 01/1         | 7/01                 |
| Concentrated   | Extract      | Volume: <u>500</u> (uL) | Date Ana    | lyzed: <u>02/1</u>  | 2/01                 |
| Injection Volu | me: <u>2</u> | .0 (uL)                 | Dilution F  | actor: <u>1.0</u>   |                      |

| CAS NO.   | COMPOUND                   | (ug/L or ug/K | (g) UG/KG | Q |
|-----------|----------------------------|---------------|-----------|---|
| 84-66-2   | Diethyl phthalate          | ,50           | 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       | Ũ |
| 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: | · I               | 1.   |
|------------------------|--------------|-----------|-------------------|--|
| Lab Code:              | Case No.:    |           |                   |  |
| Matrix: (sail/vater) _ |              | Lab S     | ample 10: LU26    | 01-44  |
|                        | (c/-:-)      |           | ie 10: A1332. c   |  |
| Levei: (low/med)       |              |           | Received:         |  |
| % Moistura: dacante    | :d: (Y/N)    |           |                   |  |
| •                      | Volume:(:::) | •         | naiyaed:          |  |
| Injection Volume:      |              |           | Factor            |  |
| GPC Claanup: (Y/N)     |              |           |                   |  |
| Number TICs found:_    |              | CON       | CENTRATION UNITS: |  |
| CAS NUMBER             | COMPOUND NAM | E   RT    | I EST. CONC.      | i ç i  |
| 1.                     | Unknown      |           | ! 380             | 1312   |
| 2.                     | (14)         |           |                   | 1  |
| 3.                     |              | 118.89    |                   | 1  |
| 5.                     | [PA]         |           |                   |  |
| 6.                     | ( "          | 11171     | 83                |  |
| 7.                     |              | 19.90     |                   | JB   |
| ε.                     |              |           |                   | 15 10  |
| g.                     | ·            | 122.17    | 140               |  |
| 10.                    |              |           | 1 370             | 58   |
| 11.                    |              | 123.69    |                   | 15   |
| 12:                    |              | 126.49    | 360               | .11 /  |
| 13.                    |              |           | !                 | ! !  |
| 14.                    |              |           |                   | <u> </u>   |
| 15.                    |              | <u> </u>  |                   | <u> </u>   |
| 16.                    |              |           |                   | !  |
| 15.                    |              | !         |                   |  |
| 19.                    |              |           |                   | <del></del>                                      |
| 20.                    |              |           |                   | <del></del>                                      |
| 21.                    |              |           |                   |  |
| 22.                    |              | İ         |                   | <del>                                     </del> |
| 23.                    |              |           | (r                | T i  |
| 24.                    |              |           |                   |  |
| 25.                    |              | 1 1       |                   | <u> </u>   |
| 25.                    |              |           |                   |  |
| 27.                    |              |           |                   |  |
| 23.                    | •            |           |                   |  |
| 2g.                    |              |           |                   | !  |
| 1                      |              | , ,       |                   |  |

FGRM I-CLF-SV-TIC

1h, 2/13/01

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1B

| Lab Name:       | FRIEND          | LABORA  | TORY, INC.  |    | Contract:     |              | 00-10        |   |
|-----------------|-----------------|---------|-------------|----|---------------|--------------|--------------|---|
| Lab Code:       | 10252           | Ca      | se No.:     |    | SAS No.:      | SD           | G No.: PANAM |   |
| Matrix: (soil/v | vater)          | SOIL    | _           |    | Lab Sample    | ID: L        | .62601-46    | _ |
| Sample wt/vo    | ol:             | 30.027  | (g/ml) G    |    | Lab File ID:  | A            | 1282.D       |   |
| Level: (low/n   | ned)            | LOW     | _           |    | Date Receive  | ed: <u>0</u> | 1/12/01      |   |
| % Moisture:     | 22.3            | de      | canted:(Y/N | )N | Date Extract  | ed: <u>0</u> | 1/17/01      |   |
| Concentrated    | Extract         | Volume: | 500 (uL     | .) | Date Analyze  | ed: <u>0</u> | 2/07/01      |   |
| Injection Volu  | ıme: <u>2</u> . | .0 (uL) |             |    | Dilution Fact | or: <u>1</u> | .0           |   |
| GPC Cleanup     | o: (Y/N)        | Υ       | pH: 7.58    |    |               |              |              |   |

| 108-95-2  |         |     |
|---|---------|-----|
| 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           67-72-1         Hexachloroethane         430         U           98-95-30         Nitrobenzene         430         U           98-95-30         Nitrobenzene         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           106-47-8         4-Chloroaniline         430         U           91-20-3         Naphthalene         430         U <tr< td=""><td>S NO.</td><td>Q</td></tr<> | S NO.   | Q   |
| 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           88-75-9-1         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           106-47-8         4-Chloro-aniline         430         U           87-68-3         Hexachlorobutadiene         430         U <td>08-95-2</td> <td>U</td>     | 08-95-2 | 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           88-75-9-1         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           87-68-3         Hexachlorobutadiene         430         U                              | 11-44-4 | 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-Chloro-3-methylphenol         430         U           87-68-3         Hexachlorobutadiene         430         U                            | 5-57-8  | 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 <td>41-73-1</td> <td>U</td>     | 41-73-1 | 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         87-68-3       Hexachlorobutadiene       430       U         87-68-3       Hexachlorobutadiene       430       U         91-57-6       2-Methylnaphthalene       430       U         77-47-4       Hexachlorocyclopentadiene       430       U  | 06-46-7 | 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           87-68-3         Hexachlorobutadiene         430         U           87-68-3         Hexachlorobutadiene         430         U           91-57-6         2-Methylnaphthalene         430         U           77-47-4         Hexachlorocyclopentadiene         430         U   | 5-50-1  | 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  | 5-48-7  | J   |
| 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           91-57-6         2-Methylnaphthalene         430         U           77-47-4         Hexachlorocyclopentadiene         430         U  | 08-60-1 | J   |
| 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   | 06-44-5 | J   |
| 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  | 21-64-7 | 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  | 7-72-1  | 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   | 8-95-30 | 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  | 8-59-1  | 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  | 8-75-52 | 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  | 05-67-9 | 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  | 11-91-1 | 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  | 20-83-2 | 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  | 20-82-1 | 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   | 1-20-3  | U   |
| 59-50-7         4-Chloro-3-methylphenol         430         U           91-57-6         2-Methylnaphthalene         430         U           77-47-4         Hexachlorocyclopentadiene         430         U   | 06-47-8 | U   |
| 91-57-6 2-Methylnaphthalene 430 U<br>77-47-4 Hexachlorocyclopentadiene 430 U  | 7-68-3  | U   |
| 77-47-4 Hexachlorocyclopentadiene 430 U   | 9-50-7  | U   |
|   | 1-57-6  | U   |
| 99 06 2 2 4 6 Triphiaranhanal 420 11  | 7-47-4  | U   |
| 88-06-2 2,4,6-Trichlorophenol 430 U   | 8-06-2  | U   |
| 95-95-4 2,4,5-Trichlorophenol 1100 U  | 5-95-4  | U   |
| 91-58-7 2-Chloronaphthalene 430 U   | 1-58-7  | U   |
| 88-74-4 2-Nitroaniline 1100 U   | 8-74-4  | U   |
| 131-11-3 Dimethyl phthalate 430 U   | 31-11-3 | U   |
| 208-96-8 Acenaphthylene 430 U   |         | 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   |         |     |

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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  | 7 |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 150  | J |
| 117-84-0  | Di-n-octyl phthalate       | 430  | C |
| 205-99-2  | Benzo(b)fluoranthene       | 210  | 7 |
| 207-08-9  | Benzo(k)fluoranthene       | 67   | 7 |
| 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  | Ü |
| 191-24-2  | Benzo(g,h,i)perylene       | 120  | J |

-13 101

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO.

| Lat Name:            |                | Contract: _                                      |               |                                     |              |          |
|----------------------|----------------|--|---------------|-------------------------------------|--------------|----------|
| Lat Code:            | Case No.:      | LON 2K2  |               | 50G No.:                            |              |          |
| Matrix: (soil/vater) |                |  | · Lat Sa      | mpia 10: L62401                     | -46          |          |
| Sample wovol.        | (c/::)         |  | Lab File      | 10: A1282.d                         |              |          |
| Levei: (low/med)     |                |  |               | caired:                             |              | ()/ICU2C |
| % Moisture: decant   | led: (Y/N)     |  |               | tacet:                              |              | 1245435  |
|                      | t Volume:(;:L) | •  | Data Ac       | iiyaet:                             |              | P66      |
| Injection Volume:    |                |  |               | Factor 1                            |              | -/-      |
| GPC Claznup: (Y/N    |                |  |               |                                     |              | 0//      |
| Number TiCs found:_  | 2              |  |               | entration units:<br>etysiks) UNITS: |              |          |
| CAS NUMBER           | COMPIUND NAME  |  | 1             | EST. CONC.                          | i c          | ī        |
| 1.                   | Unknown        |  |               | 280                                 | JB           |          |
| 3.                   |                |  | 23.66         | 210                                 | <u> </u>     | -        |
| 4.                   |                |  | .             | •                                   | <del> </del> | <u>-</u> |
| 5.                   |                |  |               |                                     |              | <u> </u> |
| 5.<br>7.             |                | !  | !             |                                     | !            | -        |
| €.                   |                | <u> </u>   | <u> </u>      |                                     |              |          |
| g.                   |                |  | 1             | -                                   |              |          |
| 10.                  |                | <del></del>                                      | <del></del> ; |                                     |              |          |
| 11.                  |                | i  | !             | !                                   |              |          |
| 12.                  |                | 1  |               | . !                                 |              |          |
| 15.                  |                |  |               | !                                   |              |          |
| 15.                  |                | <u> </u>   |               | <u> </u>                            |              |          |
| 15.                  |                | <del></del>                                      | <del></del>   | - i                                 |              |          |
| 17.                  |                |  | ì             | i                                   |              |          |
| 16.                  |                |  | i             | :.                                  |              |          |
| 19.                  |                |  |               |                                     |              |          |
| 20.                  |                |  |               | į ,                                 |              |          |
| 2.                   |                |  |               |                                     |              |          |
| 2.                   |                | <del>-                                    </del> |               | 1,                                  |              |          |
| 4.                   |                | <del></del>                                      |               | 1                                   | i            |          |
| 5.                   |                | Ī  |               | 1                                   | i            |          |
| .                    |                |  |               |                                     | !            | -        |
| 7.                   |                | !  |               |                                     |              |          |
| .                    | •              |  |               |                                     |              |          |
|                      |                |  |               |                                     |              |          |
|                      | FORM I-CLF-    | SV-TIC   |               | n1-1/1                              |              | -        |

VO, 2/7/01

#### 1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| NYSDEC SAMPLE NO |
|------------------|
|------------------|

| Lab Name:      | FRIEND         | LABORA  | TORY, INC.   | С | ontract:   | SS-15 DL          |
|----------------|----------------|---------|--------------|---|--|-------------------|
| Lab Code:      | 10252          | Ca      | ise No.:     |   | SAS No.: S   | DG No.: PANAM     |
| Matrix: (soil/ | water)         | SOIL    | _            |   | Lab Sample ID:   | L62601-46, 2X     |
| Sample wt/vo   | ol:            | 30.027  | (g/ml) G     |   | Lab File ID:   | A1269.D           |
| Level: (low/r  | ned)           | LOW     | _            |   | Date Received:   | 01/1 <i>2/</i> 01 |
| % Moisture:    | 22.3           | de      | canted:(Y/N) | N | _ Date Extracted:  | 0.4/17/01         |
| Concentrated   | Extract        | Volume: | 500 (uL)     |   | Date Analyzed  | 02/06/01          |
| Injection Volu | ıme: <u>2.</u> | 0 (uL)  |              |   | Dilution Factor:   | 2.0               |
| GPC Cleanup    | o: (Y/N)       | Y       | pH: 7.58     | _ | A CONTRACTOR OF THE CONTRACTOR |                   |

| CAS NO.   | COMPOUND                     | (ug/£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-Chleropropane) | 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   | Isophororie                  | 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 |  |

NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|           |                         |           | SS-15 DL |
|-----------|-------------------------|-----------|----------|
| Lab Name: | FRIEND LABORATORY, INC. | Contract: | <br>     |

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

Date Received: 01/12/01 Level: (low/med) LOW % Moisture: 22.3 decanted:(Y/N)

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Dilution Factor: 2.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.58

#### CONCENTRATION UNITS:

Date Extracted: 01/17/01

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

| 84-66-2   | Diethyl phthalate          | / 860        | U  |
|-----------|----------------------------|--------------|----|
| 7005-72-3 | 4-Chlorophenylphenylether  | <b>/</b> 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          | J  |
| 101-55-3  | 4-Bromophenylphenylether   | 860          | U  |
| 118-74-1  | Hexachlorobenzene /        | 860          | J  |
| 87-86-5   | Pentachlorophenol /        | 2100         | U  |
| 85-01-8   | Phenanthrene               | 150          | 5  |
| 120-12-7  | Anthracene                 | 860          | U  |
| 86-74-8   | Carbazole                  | 860          | J  |
| 84-74-2   | Di-n-butyl phthalate       | 860          | 5  |
| 206-44-0  | Fluoranthene /             | 270          | JD |
| 129-00-0  | Pyrene /                   | 860          | 3  |
| 85-68-7   | Butylbenzyl phthalate      | 860          | )  |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 860          | ט  |
| 56-55-3   | Benzo(a)anthracene         | 120          | 9  |
| 218-01-9  | Chrysene                   | 140          | 9  |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 860          | U  |
| 117-84-0  | Di-n-octyl phthalate       | 860          | Ù  |
| 205-99-2  | Benzo(b)fluoranthene       | 210          | J  |
| 207-08-9  | Benzo(k)fluoranthene       | 860          | U  |
| 50-32-8   |                            | 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  |

| Lab Name:                   | •                | Contract:   |  | _ !                                |  |
|-----------------------------|------------------|-------------|--|------------------------------------|--|
| Lab Code:                   | Case No.:        | SAS No.:    | •  | SEG No.:                           |  |
| Matrix: (soil/vater)        |                  |             |  | mpia 10: <u>Llo 200</u> 0          |  |
| Sample world!               | ( <u>s/mi.)</u>  |             |  | 10: A1269. d                       |  |
| Level: (low/med)            | •                |             | eszéreső:                                      |                                    |  |
| % Moistura: dacanted: (Y/N) |                  |             |  | drad:                              |  |
| Concentrated Extrac         | at Yolume:(;;i.) | •           | Data Ar  | יני/כוּבל:                         |  |
| Injection Volume:           |                  |             | ·  | Factor 2                           |  |
| GPC Clasnup: (Y/N           |                  |             |  |                                    |  |
| Number TICs found:          |                  |             |  | ENTRATION UNITS:<br>Letygiks) YNKO | j.   |
| CAS NUMBER                  | COMPICUNO NAME   |             | l st   | EST. CONC.                         | iο   |
| 1-                          | Unknown          |             | 20.35  | ! 89                               |  |
| 2.                          |                  |             | 123.75   |                                    | 14   |
| 3.                          | 1                |             | 32.48  | 190                                | 1 5  |
| 5.                          |                  |             | 1 .  | 1                                  |  |
| 5.                          | 1                |             | 1  | !                                  | !  |
| 7.                          |                  | <del></del> | <u> </u>                                       | <u>!</u>                           | !  |
| ε.                          |                  |             |  | :i                                 |  |
| ç.                          | İ                |             | <u>'                                      </u> |                                    |  |
| 10.                         |                  |             |  |                                    |  |
| 11.                         |                  | ·           |  |                                    | i i  |
| 12.                         |                  |             |  |                                    | .  |
| 13.                         |                  |             | ļ  |                                    | <u> </u>   |
| 14.                         |                  |             |  |                                    |  |
| 15.                         |                  | <u> </u>    | · !  |                                    |  |
| 15.                         |                  | !           |  |                                    |  |
| 15.                         | 1                |             | !  |                                    | <del>!</del> !                                   |
| 19.                         |                  |             |  |                                    | <del></del>                                      |
| 20.                         |                  |             |  |                                    | +  |
| 21.                         |                  | <del></del> |  |                                    | †  |
| 22.                         |                  | i           | i  |                                    |  |
| 23.                         |                  | Ť           | 1  | í;                                 | I  |
| 24.                         | -                |             |  |                                    | 1  |
| 25.                         |                  |             | 1  |                                    | 1  |
| 25.                         |                  |             |  |                                    |  |
| 27.                         |                  |             |  |                                    |  |
| 23.                         |                  |             |  |                                    | <del>                                     </del> |
| 29.                         |                  |             |  |                                    |  |

FORM I-CLF-SV-TIC

### NYSDEC SAMPLE NO.

## 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND         | LABORAT   | ORY, INC.   | Co | ontract:        | SS16                |
|-----------------|----------------|-----------|-------------|----|-----------------|---------------------|
| Lab Code:       | 10252          | Cas       | se No.:     |    | SAS No.:        | SDG No.: PANAM      |
| Matrix: (soil/v | water)         | SOIL      |             |    | Lab Sample II   | D: <u>L62601-49</u> |
| Sample wt/vo    | ol:            | 30.036    | (g/ml) G    |    | Lab File ID:    | A1307.D             |
| Level: (low/n   | ned)           | LOW       | _           |    | Date Received   | d: <u>01/12/01</u>  |
| % Moisture:     | 18.4           | dec       | anted:(Y/N) | N_ | _ Date Extracte | d: 01/17/01         |
| Concentrated    | Extract        | Volume: 5 | 00 (uL)     |    | Date Analyzed   | d: <u>02/09/01</u>  |
| Injection Volu  | ıme: <u>2.</u> | 0 (uL)    |             |    | Dilution Facto  | r: 1.0              |
| CDC 01          | A/AD           | V         | -U. 7.00    |    |                 |                     |

|          |                             | 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                   | 5 |  |  |
| 91-57-6  | 2-Methylnaphthalene         | 410                   | ٦ |  |  |
| 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                  | Ü |  |  |
| 131-11-3 | Dimethyl phthalate          | 410                   | U |  |  |
| 208-96-8 | Acenaphthylene              | 410                   | Ū |  |  |
| 606-20-2 | 2,6-Dinitrotoluene          | 410                   | Ü |  |  |
| 99-09-2  | 3-Nitroaniline              | 1000                  | ŭ |  |  |
| 83-32-9  | Acenaphthene                | 410                   | Ū |  |  |
| 51-28-5  | 2,4-Dinitrophenol           | 1000                  | Ü |  |  |
| 100-02-7 | 4-Nitrophenol               | 1000                  | Ü |  |  |
| 132-64-9 | Dibenzofuran                | 410                   | U |  |  |
| 121-14-2 | 2,4-Dinitrotoluene          | 410                   | U |  |  |

NYSDEC SAMPLE NO.

Q

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND        | LABORAT | FORY, INC.     | ( | Contract:        | 5516          |
|-----------------|---------------|---------|----------------|---|------------------|---------------|
| Lab Code:       | 10252         | Ca      | se No.:        |   | SAS No.: SI      | DG No.: PANAM |
| Matrix: (soil/v | vater)        | SOIL    | _              |   | Lab Sample ID:   | L62601-49     |
| Sample wt/vo    | ol:           | 30.036  | (g/ml) G       |   | Lab File ID:     | A1307.D       |
| _evel: (low/n   | ned)          | LOW     | _              |   | Date Received:   | 01/12/01      |
| % Moisture:     | 18.4          | de      | canted:(Y/N) _ | N | Date Extracted:  | 01/17/01      |
| Concentrated    | Extract       | Volume: | 500 (uL)       |   | Date Analyzed:   | 02/09/01      |
| njection Volu   | me: <u>2.</u> | 0 (uL)  |                |   | Dilution Factor: | 1.0           |
| SPC Cleanup     | o: (Y/N)      | Υ       | pH: 7.62       |   | -                |               |

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

|           | (10                        | 0 0, |          |                             |
|-----------|----------------------------|------|----------|-----------------------------|
| 84-66-2   | Diethyl phthalate          | 410  | U        |                             |
| 7005-72-3 | 4-Chlorophenylphenylether  | 410  | J        |                             |
| 86-73-7   | Fluorene                   | 410  | U        |                             |
| 100-01-6  | 4-Nitroaniline             | 1000 | U        |                             |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | 1000 | ٦        |                             |
| 86-30-6   | n-Nitrosodiphenylamine     | 410  | U        |                             |
| 101-55-3  | 4-Bromophenylphenylether   | 410  | U        | $\neg$                      |
| 118-74-1  | Hexachiorobenzene          | 410  | U        |                             |
| 87-86-5   | Pentachlorophenol          | 1000 | U        |                             |
| 85-01-8   | Phenanthrene               | 240  | J        |                             |
| 120-12-7  | Anthracene                 | 61   | J        | 7                           |
| 86-74-8   | Carbazole                  | 410  | Ū        |                             |
| 84-74-2   | Di-n-butyl phthalate       | 410  | U        | $\neg$                      |
| 206-44-0  | Fluoranthene               | 420  |          | 7                           |
| 129-00-0  | Pyrene                     | 920  |          | 72                          |
| 85-68-7   | Butylbenzyl phthalate      | 410  | Ū        | $\exists o$                 |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 410  | U        | ٦٠                          |
| 56-55-3   | Benzo(a)anthracene         | 280  | J        | 7                           |
| 218-01-9  | Chrysene                   | 270  | J        | 71                          |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 150  | J        | $\dashv$ $oldsymbol{\iota}$ |
| 117-84-0  | Di-n-octyl phthalate       | 410  | Ū        | <b></b>                     |
| 205-99-2  | Benzo(b)fluoranthene       | 340  | J        | 72                          |
| 207-08-9  | Benzo(k)fluoranthene       | 130  | <u>_</u> | 71                          |
| 50-32-8   | Benzo(a)pyrene             | 260  | J        | 71                          |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 190  | J        | ٦IJ                         |
| 53-70-3   | Dibenzo(a,h)anthracene     | 410  | Ū        | $\exists R$                 |
| 191-24-2  | Benzo(g,h,i)perylene       | 190  | J        | $\exists$                   |

TAT 413101

- SEMIVOLATILE ORGANICS ANALTONS STITLE TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO. Contract: \_\_\_\_\_\_ i \_\_\_\_ i . SUG No.:\_\_\_\_ SAS No.:\_\_\_\_ Casa No.:\_\_\_\_ Lab Code:\_\_\_\_ . Lata Sample 10: <u>Llo 2601-</u>49 אובנהב: (מסולאישנפנ) Lat File 10: A1307. d Sample withouth, (c/mL) Date Received: Levei: (low/med) Oate Estraced:\_\_\_\_\_ % Moistura: decanted: (Y/N) \_\_\_\_\_ 145667 B.11 Oata Analyzadi\_\_\_\_ Concentrated Extract Volume: \_\_\_\_\_(;:L) Diliction Factor Injection Valume: (µL) GPC Cleanup: (Y/N) \_\_\_\_ SH: \_\_\_\_ CONCENTRATION UNITS: (upit or upition) (College Number TICs lound: 2 RT EST. CONC. C CAS NUMBER COMFIGUND NAME JB -240 7027 Unknown ZZU 23.66 2. 3. 4. 7. 10. 11. 15.

FORM I-CLF-SV-TIC

1 pg

17.

19. 20. 21. 22.

24.

25. 27. 22. 23.

#### 1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| NYSDEC    | SAMPL | E NO. |
|-----------|-------|-------|
| IA I ODEO |       |       |

SS16 RE

| Lab Name:      | FRIEND          | LABORAT   | ORY, INC.       | Con | tract:   | 5516 RE          |
|----------------|-----------------|-----------|-----------------|-----|--|------------------|
| Lab Code:      | 10252           | Ca        | se No.:         | S/  | AS No.:  | SDG No.: PANAM   |
| Matrix: (soil/ | water)          | SOIL      | _               |     | Lab Sample ID  | : L62601-49      |
| Sample wt/vo   | ol:             | 30.036    | (g/ml) G        |     | Lab File ID:   | A1284.D          |
| Level: (low/n  | ned)            | LOW       | _               |     | Date Received:   | 01/12/01         |
| % Moisture:    | 18.4            | dec       | anted:(Y/N)     | N   | Date Extracted:  | 01/17/01         |
| Concentrated   | Extract         | Volume: 5 | 00 (uL)         |     | Date Analyzed:   | <i>02/</i> 07/01 |
| Injection Volu | ıme: <u>2.</u>  | 0 (uL)    |                 |     | Dilution Factor.   | <sup>2</sup> 1.0 |
| GPC Cleanup    | o: <b>(Y/N)</b> | <u>Y</u>  | pH: <u>7.62</u> |     | e de la companya della companya della companya de la companya dell |                  |

| CAS NO.  | COMPOUND                     | (ug/L of ug/Kg) UG/KG  | ·  |
|----------|------------------------------|--|----|
| CACITO.  | CONT COND                    | refined the second seco | •  |
| 108-95-2 | Phenol                       | 410  | U  |
| 111-44-4 | bis(2-Chloroethylether)      | <i>i</i> 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  | Ū  |
| 621-64-7 | N-Nitrosodi-n-propylamine    | 410  | U. |
| 67-72-1  | Hexachloroethane             | 410  | Ú  |
| 98-95-30 | Nitrobenzene                 | 410  | U  |
| 78-59-1  | Isophorone                   | 410  | U  |
| 88-75-52 | 2-Nitrophenol                | 410  | C  |
| 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   | Ü  |
| 100-02-7 | 4-Nitrophenol                | 1000   | Ü  |
| 132-64-9 | Dibenzofuran                 | 410  | Ü  |
| 121-14-2 | 2,4-Dinitrotoluene           | 410  | Ū  |

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| NYSDEC SA | MPLE NO |
|-----------|---------|
|-----------|---------|

**SS16 RE** 

| Lab Name:      | FRIEN  | LABORA | TORY, INC. | Contract:    |             |        |      |          |
|----------------|--------|--------|------------|--------------|-------------|--------|------|----------|
| Lab Code:      | 10252  | Ca     | ase No.:   | SAS No.:     | SD          | G No.: | PANA | ٩M       |
| Matrix: (soil/ | water) | SOIL   | _          | Lab Sample I | D: <u>L</u> | 62601- | 49   | يتوجي إر |
| Sample wt/v    | ol:    | 30.036 | (g/ml) G   | Lab File ID: | A           | 1284.0 | ) ,  | à F      |

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

| CAS NO. COMPOUND |                                    | (ug/L or uç | (ug/L og/ug/Kg) UG/KG |    |  |
|------------------|------------------------------------|-------------|-----------------------|----|--|
| 84-66-2          | Diethyl phthalate                  | 1           | 410                   | U  |  |
| 7005-72-3        | 4-Chlorophenylphenylether          | ng gr       | 410                   | J  |  |
| 86-73-7          | Fluorene                           | 1           | 410                   | J  |  |
| 100-01-6         | 4-Nitroaniline                     | , page      | 1000                  | Ü  |  |
| 534-52-1         | 2-Methyl-4-6-dinitrophenol         |             | 1000                  | ٦  |  |
| 86-30-6          | n-Nitrosodiphenylamine             |             | 410                   | כ  |  |
| 101-55-3         | 4-Bromophenylphenylether           | •           | 410                   | ٦  |  |
| 118-74-1         | Hexachlorobenzene                  |             | 410                   | U  |  |
| 87-86-5          | Pentachlorophenol                  |             | 1000                  | ٦  |  |
| 85-01-8          | Phenanthrene 🗸                     |             | 250                   |    |  |
| 120-12-7         | Anthracene /                       |             | 65                    | 7  |  |
| 86-74-8          | Carbazole 💉                        |             | 410                   | 5  |  |
| 84-74-2          | Di-n-butyl phthalate               |             | 410                   | כ  |  |
| 206-44-0         | Fluoranthene                       |             | 330                   | J  |  |
| 129-00-0         | Pyrene <sup>r</sup>                |             | 1300                  |    |  |
| 85-68-7          | Butylbenzyl phthalate              |             | 410                   | U  |  |
| 91-94-1          | 3,3 <sup>2</sup> 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' |  |
|                  | Di-n-octyl phthalate               |             | 410                   | U  |  |
| 205-99-2         | Benzo(b)fluoranthene               |             | 400                   | J  |  |
| 207-08-9         | Benzo(k)fluoranthene               |             | 100                   | ر  |  |
| 50-32-8          | Benzo(a)pyrene                     |             | 280                   | Ĵ  |  |
| 193-39-5 /       | Indeno(1,2,3-cd)pyrene             |             | 210                   | J  |  |
| 53-70-3 /        | Dibenzo(a,h)anthracene             |             | 410                   | Ū  |  |
| 191-24-2         | Benzo(g,h,i)perylene               |             | 220                   | J  |  |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

Contract\_

Lab Name:

| Lab Code:                  | Case No.:       | یه کنی      | •              | STG No.:        |  |
|----------------------------|-----------------|-------------|----------------|-----------------|--|
| Matrix: (soitAvater)       |                 |             |                | pie 10: Llo2lo( |  |
| Sample without             | (c/= <u>:</u> ) |             |                | o: A1284 d      |  |
| Level: (low/med)           |                 |             |                | ::/ed:          |  |
|                            | <del></del>     |             |                |                 |  |
| % Meisture: decanted: ()   |                 |             | Oata Estr      | ics;            |  |
| Concentrated Extract Volum | Te:(;i.)        |             | Data Ansi      | L::<;           |  |
| Injection Volume:          | ():1)           |             | Oiletten F     | c:c             |  |
| GPC Clashup: (Y/N)         |                 |             |                |                 |  |
| Number TICs found:         |                 |             | EDNOD<br>Figu) | NTFATION UNITS: | r  |
| CAS NUMBER                 | COMPOUND NAME   |             | ET             | EST. CONC.      | i e  |
| 1.                         | Unknown         |             | 20.27!         | 330             | 12B  |
| 3.                         | <u> </u>        |             | 23.66          | 240             | ! }  |
| 4.                         |                 |             |                | •               | 1  |
| 5.                         |                 |             |                |                 | 1  |
| ā.                         |                 |             | ;              |                 | <u>-!</u>                                      |
| 7.                         |                 |             | <u>:</u>       |                 | <del></del>                                    |
| ε.                         |                 | i           | i              |                 | i  |
| ç.                         |                 | 1           | i              |                 | ;  |
| 10.                        |                 |             |                |                 | !  |
| 11.                        |                 | · !         |                |                 | į .  |
| 13.                        |                 | <u> </u>    |                |                 | !  |
| 14,                        |                 |             |                |                 | !  |
| 15.                        |                 | <u> </u>    |                |                 | i  |
| 16.                        |                 | <del></del> | <del></del>    |                 | <u>'</u>                                       |
| 17.                        |                 | <u>-</u>    | <del></del>    |                 | <u>.                                      </u> |
| 15.                        |                 | i           | i              |                 |  |
| 19.                        |                 |             |                |                 | 1 :  |
| 2C.                        |                 |             | 1              |                 |  |
| 21.                        |                 | 1           | i              |                 | <u> </u>                                       |
| 22.                        |                 |             |                |                 |  |
| 23.                        |                 |             |                | į.              |  |
| 24.                        |                 |             |                |                 |  |
| 25.                        |                 |             | i              |                 |  |
| 27.                        |                 |             |                | <u> </u>        |  |
| 23.                        |                 |             |                | 1               |  |

FGRM I-CLF-SV-TIC

#### NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND          | I ARORA    | TORY, INC.      | C | ontract:             |               | 5517         |
|-----------------|-----------------|------------|-----------------|---|----------------------|---------------|--------------|
| Lab Haine.      | TRICING         | , LABOI VA | 101(1, 11(0.    |   |                      |               |              |
| Lab Code:       | 10252           | Ca         | se No.:         |   | SAS No.:             | _ SD          | G No.: PANAM |
| Matrix: (soil/v | vater)          | SOIL       | _               |   | Lab Sample           | ID: L         | 62601-53     |
| Sample wt/vo    | ol:             | 30.052     | (g/ml) G        |   | Lab File ID:         | 4             | A1289.D      |
| _evel: (low/n   | ned)            | LOW        | _               |   | Date Receive         | ed: C         | 01/12/01     |
| % Moisture:     | 24.4            | de         | canted:(Y/N)    | N | _ Date Extract       | ed: C         | 1/17/01      |
| Concentrated    | Extract         | Volume:    | 500 (uL)        |   | Date Analyze         | ed:. <u>C</u> | 02/07/01     |
| njection Volu   | ıme: <u>2.</u>  | .0 (uL)    |                 |   | Dilution Fact        | or: <u>1</u>  | .0           |
| GPC Cleanup     | o: <b>(Y/N)</b> | Y          | pH: <u>7.62</u> | _ | , 25°<br>26°<br>1800 |               |              |

|                  | CONCENTRATION UNIT           |                       |   |
|------------------|------------------------------|-----------------------|---|
| 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- <u>59</u> -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                   | J |
| 91-57-6          | 2-Methylnaphthalene          | 440                   | J |
| 77-47-4          | Hexachlorocyclopentadiene    | 440                   | U |
| 88-06-2          | 2,4,6-Trichlorophenol        | 440                   | 5 |
| 95-95-4          | 2,4,5-Trichlorophenol        | 1100                  | ٦ |
| 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                  | Ū |
| 132-64-9         | Dibenzofuran                 | 440                   | U |
| 121-14-2         | 2,4-Dinitrotoluene           | 440                   | Ū |

NYSDEC SAMPLE NO.

Q

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name: | FRIEND | ABORATORY, INC. | Contract: | 3317           |
|-----------|--------|-----------------|-----------|----------------|
| 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 / 1.0

COMPOUND

GPC Cleanup: (Y/N) Y pH: 7.62

CAS NO.

### CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

|           | 6                          |      |   |  |  |  |
|-----------|----------------------------|------|---|--|--|--|
| 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               | 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  | 7 |  |  |  |
| 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 NYSO

| Lac Hame:            |                | Contract:      |                |                          | ;                |               |
|----------------------|----------------|----------------|----------------|--------------------------|------------------|---------------|
| Lat Code:            | Case No.:      | _:_ON 2K2      | · .            | \$2G No.:                | _                | 12 1 -        |
| Macriz: (soilAvater) |                |                | Lab Sa         | imple 10: <u>Uo2ldOl</u> | - <del>5</del> 3 | R45612        |
| Sample wt/vol//      | (c/:::\)       |                | Lab Fã         | e10: A 1289.d            |                  | R45617<br>199 |
| Levei: (low/med)     |                | •              | Date R         | ecsived:                 |                  | 7/9           |
| % Meisture: decante  | d: (Y/N)       |                |                | itaced:                  |                  |               |
| •                    | Volume: (;;;)  |                |                | :ai/c:=d:                |                  |               |
| Injection Volume:    |                |                |                | Facen                    |                  |               |
|                      |                |                |                |                          |                  |               |
| Number TICs found:   | _              |                |                | ENTRATION UNITS:         | ,                |               |
| CAS NUMBER           | COMFIGUNO NAME |                | 87             |                          | ic               | =             |
| 1.                   | Unknown        |                | 17.08          |                          |                  |               |
| 3.                   |                |                | 20.17          |                          | JB               |               |
| 4.                   |                |                | 23.56<br>24,47 | 740                      | 15               | 1             |
| 5.                   |                |                | 24.59          | 1 140                    | ITB              | -             |
| 6.                   |                |                | 27-30          |                          | 12P              | V             |
| 7.                   | <b>.</b>       |                | 32.28          |                          | 1                |               |
| ε.                   |                | 1              |                |                          | i .              |               |
| 10.                  |                |                |                |                          | <u></u>          |               |
| 11.                  |                |                |                |                          | <del>!</del> :   |               |
| 12.                  |                |                |                |                          | <u>:</u>         |               |
| 13.                  |                |                | 1              | •                        |                  |               |
| 14.                  |                | <del></del>    | i              |                          |                  |               |
| 15.                  |                | i              | . !            |                          | i                |               |
| 15.                  |                | -1             |                |                          |                  |               |
| 17.                  |                |                | !              |                          |                  |               |
| 15.                  |                |                | 1              |                          |                  |               |
| 20.                  |                |                | [              |                          |                  |               |
| 21.                  |                |                |                |                          |                  |               |
| 22.                  |                | <del>- i</del> | <del></del>    | 1                        |                  |               |
| 23.                  |                | İ              | i              | ír l                     | Ī                |               |
| 24.                  |                |                | ŀ              | 1                        |                  |               |
| 25.                  |                | 1              | 1              | }                        |                  |               |
| 25.                  |                |                |                |                          |                  | -             |
|                      |                |                |                |                          |                  |               |
|                      |                |                | 1              |                          |                  |               |
|                      |                |                |                | 1                        |                  |               |
| 27.                  | SC2ULCE 2      | SV TIC         |                |                          |                  | _             |

2-95

11/9/01

10/35

18

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND  | LABORATORY, INC. | Contract: |            | SS17 RE       |
|-----------------|---------|------------------|-----------|------------|---------------|
| Lab Code:       | 10252   | Case No.:        | SAS No.:  | s          | DG No.: PANAM |
| Matrix: (soil/v | vater)  | SOIL             | Lab S     | Sample ID: | L62601-53     |
| Sample wt/vo    | ol:     | 30.052 (g/ml) G  | _ Lab F   | ile ID:    | A1301.D       |
| Level: (low/n   | ned)    | 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      |

GPC Cleanup: (Y/N) Y pH: 7.62

Injection Volume: 2.0 (uL)

#### CONCENTRATION UNITS:

Dilution Factor: 1.0

| CAS NO.    | COMPOUND                     | (ug/L or ug/Kg) UG/KG | Q   |
|------------|------------------------------|-----------------------|-----|
| 108-95-2   | Phenoi                       | 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                   | Ū   |
| 88-75-52   | 2-Nitrophenol                | 440                   | U   |
| 105-67-9   | 2,4-Dimethylphenol           | 440                   | Ū   |
| 111-91-1   | bis(2-Chloroethoxymethane)   | 440                   | U   |
| 120-83-2   | 2,4-Dichlorophenol           | 440                   | U   |
| 120-82-1   | 1,2,4-Trichlorobenzene       | 440                   | ٠U  |
| 91-20-3    | Naphthalene                  | 440                   | U   |
| 106-47-8   | 4-Chloroaniline              | 440                   | U   |
| 87-68-3    | Hexachlorobutadiene          | 440                   | Ū   |
| 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                   | Ū   |
| 95-95-4    | 2,4,5-Trichlorophenol        | 1100                  | Ū   |
| 91-58-7    | 2-Chloronaphthalene          | 440                   | U   |
| 88-74-4    | 2-Nitroaniline               | 1100                  | Ü   |
| 131-11-3   | Dimethyl phthalate           | 440                   | Ū   |
| 208-96-8   | Acenaphthylene               | 440                   | Ū   |
| 606-20-2   | 2,6-Dinitrotoluene           | 440                   | Ū   |
| 99-09-2    | 3-Nitroaniline               | 1100                  | U   |
| 83-32-9    | Acenaphthene                 | 440                   | Ü   |
| 51-28-5    | 2,4-Dinitrophenol            | 1100                  | Ü   |
| 100-02-7   | 4-Nitrophenol                | 1100                  | U   |
| 132-64-9   | Dibenzofuran                 | 440                   | Ü   |
| 121-14-2   | 2,4-Dinitrotoluene           | 440                   | - U |
| 1407 17 46 | E, T Dillit otoldorio        | <del></del>           |     |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND         | LABORAT          | ORY, INC.   | Co | ntract:      |        | 3517 RE      |
|-----------------|----------------|------------------|-------------|----|--------------|--------|--------------|
| Lab Code:       | 10252          | Cas              | se No.:     |    | SAS No.:     | SE     | G No.: PANAM |
| Matrix: (soil/v | water)         | SOIL             | _           |    | Lab Sample   | e ID:  | L62601-53    |
| Sample wt/vo    | ol:            | 30.052           | (g/ml) G    |    | Lab File ID: | :      | A1301.D      |
| _evel: (low/r   | ned)           | LOW              | _           |    | Date Recei   | ved:   | 01/12/01     |
| % Moisture:     | 24.4           | dec              | anted:(Y/N) | N  | Date Extra   | ted:   | 01/17/01     |
| Concentrated    | Extract        | Volume: <u>5</u> | 00 (uL)     |    | Date Analys  | zed: ( | 02/08/01     |
| njection Volu   | ıme: <u>2.</u> | 0 (uL)           |             |    | Dilution Fac | ctor:  | 1.0          |
| SPC Cleanur     | o: (Y/N)       | Υ                | 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  | J |
| 86-73-7   | Fluorene                   | 440  | U |
| 100-01-6  | 4-Nitroaniline             | 1100 | J |
| 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  |   |

w 4/3/01

TENTATIVELY IDENTIFIED COMPOUNDS NYSGEC SAMPLE NO. Contirmation Contract: Lab Code: Case No.: SAS No.: . SEG No.:\_\_\_ · Lat Sample 10: <u>L62601-53</u> Motriat (soithvater) Sample worrolling (c/mil) Lab File 10: A 1301.d Level: (low/med) \_\_\_\_\_ Date Received:\_\_\_\_ % Moisture: decanted: (Y/N) \_\_\_\_\_ Osta Estracadi\_\_\_\_\_ Concentrated Extract Volume: \_\_\_\_\_(;;i) Data Analyzect Injection Volume: \_\_\_\_\_(µL) Olictica Factor GPC Claanup: (Y/N) \_\_\_\_ ==:<u>-</u>\_\_\_\_ CONCENTRATION UNITS: المال المالات المالات المالات CAS NUMBER COMPICUNO NAME EST. CONC. | G | RT | Unknown 120.17! 1600-320 JB 1/ 2. 123.55 | 1000-210!1 3. 140 124.46 1 158 1 136 25.58 | 1 27.28 200 3683 180 280 10. 11. 12. 13. 15. 15. 17. 13. 19. 20. 21. 22. 23. 24.

FORM I-CLF-SV-TIC

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NYSDEC SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND          | LABORA  | TORY, IN  | IC    | Contract: |              | 17-10         |
|----------------|-----------------|---------|-----------|-------|-----------|--------------|---------------|
| Lab Code:      | 10252           | Ca      | se No.:   |       | SAS No.   | .: s         | DG No.: PANAM |
| Matrix: (soil/ | water)          | SOIL    | _         |       | Lab       | Sample ID:   | L62601-56     |
| Sample wt/vo   | ol:             | 30.071  | (g/ml)    | G     | Lab       | File ID:     | A1329.D       |
| Level: (low/r  | ned)            | LOW     | _         |       | Dat       | e Received:  | 01/12/01      |
| % Moisture:    | 12.6            | de      | canted:(Y | (/N)N | Dat       | e Extracted: | 01/17/01      |
| Concentrated   | Extract         | Volume: | 500       | (uL)  | Dat       | e Analyzed:  | 02/12/01      |
| Injection Volu | ıme: <u>2.</u>  | 0 (uL)  |           |       | Dilu      | tion Factor: | 1.0           |
| GPC Cleanu     | p: <b>(Y/N)</b> | Y       | pH: 7.    | 52    |           |              |               |

**CONCENTRATION UNITS:** 

| CAS NO.  | COMPOUND                     | (ug/L or ug/Kg) UG/KG | Q        |
|----------|------------------------------|-----------------------|----------|
| CAG NO.  | COMIT COME                   | (ug/L or ug/Ng/ oG/NG |          |
| 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        |
| 108-60-1 | 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                   | UF       |
| 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                  | 86                    | 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          | 95                    | 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 1      |
| 91-58-7  | 2-Chloronaphthalene          | 380                   | U D      |
| 88-74-4  | 2-Nitroaniline               | 950                   | U        |
| 131-11-3 | Dimethyl phthalate           | 380                   | U        |
| 208-96-8 | Acenaphthylene               | 380                   | Ü        |
| 606-20-2 | 2,6-Dinitrotoluene           | 380                   | Ü        |
| 99-09-2  | 3-Nitroaniline               | 950                   | U        |
| 83-32-9  | Acenaphthene                 | 75                    | J        |
| 51-28-5  | 2,4-Dinitrophenol            | 950                   | Ü        |
| 100-02-7 | 4-Nitrophenol                | 950                   | U        |
| 132-64-9 | Dibenzofuran                 | 86                    | J        |
| 121-14-2 | 2,4-Dinitrotoluene           | 380                   | U        |
| 121-14-2 | 2,4-011111101011111111       | 300                   | <u> </u> |

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#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

| OAO 140.  | COM COND                   | (ug/E or ug/Ng/Co/NC | _ |             |
|-----------|----------------------------|----------------------|---|-------------|
| 84-66-2   | Diethyl phthalate          | 380                  | U | 703         |
| 7005-72-3 | 4-Chlorophenylphenylether  | 380                  | U | 3           |
| 86-73-7   | Fluorene                   | 110                  | J |             |
| 100-01-6  | 4-Nitroaniline             | 950                  | ٦ | コレゴ         |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | 950                  | U | $\exists R$ |
| 86-30-6   | n-Nitrosodiphenylamine     | 380                  | υ | 07          |
| 101-55-3  | 4-Bromophenylphenylether   | 380                  | U | 7 J         |
| 118-74-1  | Hexachlorobenzene          | 380                  | U | <b>]</b> ✔  |
| 87-86-5   | Pentachlorophenol          | 950                  | U | R           |
| 85-01-8   | Phenanthrene               | 890                  |   |             |
| 120-12-7  | Anthracene                 | 240                  | J | <b>□ ↓</b>  |
| 86-74-8   | Carbazole                  | 380                  | U | Vコ          |
| 84-74-2   | Di-n-butyl phthalate       | 96                   | J | ユ           |
| 206-44-0  | Fluoranthene               | 460                  |   | ]}          |
| 129-00-0  | Pyrene                     | 1700                 |   | コレ          |
| 85-68-7   | Butylbenzyl phthalate      | 380                  | U | 7 A         |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 380                  | Ū | 7           |
| 56-55-3   | Benzo(a)anthracene         | 490                  |   | 7           |
| 218-01-9  | Chrysene                   | 450                  |   | 7           |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 380                  | U | ŢŖ          |
| 117-84-0  | Di-n-octyl phthalate       | 380                  | U | <b>J</b>    |
| 205-99-2  | Benzo(b)fluoranthene       | 480                  |   | 7           |
| 207-08-9  | Benzo(k)fluoranthene       | 160                  | J | 7 ]         |
| 50-32-8   | Benzo(a)pyrene             | 390                  |   | 7 /         |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 340                  | J | 71          |
| 53-70-3   | Dibenzo(a,h)anthracene     | 380                  | U | R           |
| 191-24-2  | Benzo(g,h,i)perylene       | 450                  |   | ZΓ          |

4/5/01

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS Lab Name: Contract: \_\_ Lab Code:\_\_\_\_ SAS No .:\_\_\_\_ Case No.:\_\_\_\_ SCG No.:\_\_\_ Lat Sample 10: <u>Lle 2601-5</u>6 Matrix: (soil/vater) Lab File 10: A1329 . d Sample wovol.4, (c/mi.) Level: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Oats Extracted:\_\_\_\_\_ Concentrated Extract Volume: \_\_\_\_\_(::1) Data Analyzed:\_\_\_\_\_ Injection Volume: \_\_\_\_\_(pL) Oilution Factor GPC Claanup: (Y/N) \_\_\_\_ pH:\_\_\_\_ CONCENTRATION UNITS: (peril or perike) UQ

|            | -              |                  | $\cup$ 0       |
|------------|----------------|------------------|----------------|
| CAS NUMBER | COMPICUNO NAME | I ST I           | EST. CONC.   G |
| 1.         | Unknown        | 113.76 !         | 360 ! 5        |
| 2.         |                | 17.341           | 130            |
| 3.         |                | 118.851          | 8.9            |
| 4.         |                | 19.04            | 94             |
| 5.         |                | 119.28           | 110            |
| ô.         |                | 1 19.36 !        | 77             |
| 7.         |                | 19.63            | 78             |
| ٤.         |                | 20.14            | 320 58         |
| ç.         |                | 120.541          | 77 5           |
| 10.        |                | 123.531          | 200 58         |
| 11.        |                | 123.64           | 87 J           |
| 12.        |                | 124.59           | 250            |
| 13.        |                | 126.45           | 120            |
| 14.        |                |                  |                |
| 15.        |                | i · !            |                |
| 1 <b>ĉ</b> |                |                  |                |
| 17.        |                | <del>- i i</del> |                |
| 1ā.        |                | i i              | :              |
| 19.        |                | <del></del>      |                |
| 20.        |                | i i              | 1              |
| 21.        |                | 1 1              |                |
| 22.        |                | <del></del>      |                |
| 23.        |                | i                | 4              |
| 24.        |                |                  |                |
| 25.        |                | 1                |                |
| 25.        |                |                  |                |
| 27.        |                |                  |                |
| 23.        |                | <del></del>      |                |
| 29.        |                |                  | <del></del>    |
| ig.        |                |                  |                |
|            |                | 1 1              | , ,            |

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2-95

#### IB .

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| .ab Name:        | FRIEND  | LABORAT   | ORY, INC.   | Contra | act:            | TP-18 DL       |
|------------------|---------|-----------|-------------|--------|-----------------|----------------|
| .ab Code:        | 10252   | Cas       | se No.:     | SAS    | S No.: S        | DG No.: PANAM  |
| ∕latrix: (soil/\ | water)  | SOIL      | _           |        | Lab Sample ID:  | L62601-56, 10X |
| Sample wt/vo     | oi:     | 30.071    | (g/ml) G    |        | Lab File ID:    | A1319.D 25000  |
| evel: (low/r     | ned)    | LOW       | _           |        | Date Received:  | 01/12/01       |
| 6 Moisture:      | 12.6    | dec       | anted:(Y/N) | N      | Date Extracted: | 01/17/0,1      |
| :oncentrated     | Extract | Volume: 5 | .00 (ul.)   |        | Date Analyzed:  | กว/กซ์เกา      |

GPC Cleanup: (Y/N) Y pH: 7.52

Injection Volume: 2.0 (uL)

CONCENTRATION UNITS:

Dilution Factor: 10.0

| CAS NO.   | COMPOUND (L                  | ıg/L or ug/Kg) UG/KG | Q |
|-----------|------------------------------|----------------------|---|
| 108-95-2  | Phenoi                       | 3800                 | U |
| 111-44-4  | bis(2-Chloroethylether)      | <i>f</i> 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                 | Ū |
| 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                 | Ū |
| 91-20-3   | Naphthalene                  | 3800                 | Ū |
| 106-47-8  | /4-Chloroaniline             | 3800                 | U |
| 87-68-3   | Hexachlorobutadiene          | 3800                 | U |
| 59-50-7   | 4-Chloro-3-methylphenol      | 3800                 | Ū |
| 91-57-6   | 2-Methylnaphthalene          | 3800                 | Ū |
| 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                 | Ū |
| 131-1/1-3 | Dimethyl phthalate           | 3800                 | Ū |
| 208-96-8  | Acenaphthylene               | 3800                 | Ū |
| 606-20-2  | 2,6-Dinitrotoluene           | 3800                 | U |
| 99-09-2   | 3-Nitroaniline               | 9500                 | Ü |
| 83-32-9   | Acenaphthene                 | 3800                 | Ū |
| 51-28-5   | 2,4-Dinitrophenol            | 9500                 | Ū |
| 100-02-7  | 4-Nitrophenol                | 9500                 | Ü |
| 132-64-9  | Dibenzofuran                 | 3800                 | Ū |
| 121-14-2  | 2.4-Dinitrotoluene           | 3800                 | Ü |

#### 1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-18 DL

| Lab Name:       | FRIEND         | LABORATORY, INC. | Contract: |               | 17-10-02         |
|-----------------|----------------|------------------|-----------|---------------|------------------|
| Lab Code:       | 10252          | Case No.:        | SAS No.:  | SD            | G No.: PANAM     |
| Matrix: (soil/v | water)         | SOIL             | Lab       | Sample ID: L  | _62601-56, 10X 📝 |
| Sample wt/vo    | ol:            | 30.071 (g/ml) G  | Lab       | File ID:      | A1319.D          |
| Level: (low/n   | ned)           | LOW              | Date      | Received: 0   | 01/12/01 🝠       |
| % Moisture:     | 12.6           | decanted:(Y/N) _ | N Date    | Extracted: 0  | 01/17/01         |
| Concentrated    | Extract        | Volume: 500 (uL) | Date      | Analyzed: 0   | 02/09/01         |
| Injection Volu  | ıme: <u>2.</u> | 0 (uL)           | Dilut     | ion Factor: 1 | 0.0              |
| GPC Cleanur     | o: (Y/N)       | Y pH: 7.52       |           | See Age of    | •                |

|            |                            | CONCENT         | £            |     |
|------------|----------------------------|-----------------|--------------|-----|
| CAS NO.    | COMPOUND                   | (ug/L or ug/f   | (g) UG/KG    | Q   |
| 84-66-2    | Diethyl phthalate          | gi <sup>k</sup> | 3800         | U   |
| 7005-72-3  | 4-Chlorophenylphenylether  | Z. Krazi        | 3800         | U   |
| 86-73-7    | Fluorene                   | Sec.            | 3800         | U   |
| 100-01-6   | 4-Nitroaniline             | A. Kr           | 9500         | U   |
| 534-52-1   | 2-Methyl-4-6-dinitrophenol | 1               | 9500         | U   |
| 86-30-6    | n-Nitrosodiphenylamine /   | Ĥ               | 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*              |                 | <i>38</i> 00 | U   |
| 129-00-0   | Pyrene /                   |                 | 3800         | U   |
| 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      |                 | 500          | ۵Ľ  |
| 207-08-9   | Benzo(k)fluoranthene       |                 | 3800         | Ū   |
| 50-32-8    | Benzo(a)pyrene             |                 | 480          | JD  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     |                 | 3800         |     |
| 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 HYSDEO

NYSDEC SAMPLE NO.

Confirmation

| Lab Name:                    | · ·            | Contract:   |                                       | · · · · · ·                             | ï            |
|------------------------------|----------------|-------------|---------------------------------------|---|--------------|
| Lab Code:                    | Case No.:      |             |                                       |   |              |
| Matrix: (soil/vater)         |                |             |                                       | mpia i0: <u>Llo2(o</u> 0)               |              |
| Sample w/vol. //. (c/m       | : <u>.</u> )   |             |                                       | 10:A1319.d                              |              |
| Level: (low/med)             |                |             |                                       | Iceired:                                |              |
| % Moisture: decanted: (Y/N)  | _              |             |                                       | taced:                                  |              |
| Concentrated Extract Volume: |                | •           |                                       | ijest                                   |              |
| Injection Volume:            |                |             |                                       |   |              |
|                              |                |             | UNCISA                                | Factor                                  |              |
| GPC Clashup: (Y/N)           |                |             | CONC.<br>Fee)                         | ENTRATION UNITS:<br>. or years) US 1 kg |              |
| CAS NUMBER                   | COMPICUNO NAME |             | RT.                                   | EST. CONC.                              | 101          |
| 1.                           |                |             |                                       | !                                       |              |
| 2.                           |                |             |                                       |   |              |
| 3.                           |                |             |                                       |   | 1            |
| 5.                           |                |             |                                       | 1                                       |              |
| ā.                           |                |             |                                       |   |              |
| 7.                           |                | i           |                                       |   |              |
| ε.                           | ·              | i           | j                                     | •                                       | i            |
| ę.                           |                | . 1         |                                       | ·                                       |              |
| 10.                          |                | 1           |                                       |   |              |
| 12.                          |                |             | <u> </u>                              |   |              |
| 13.                          |                |             |                                       | · !                                     |              |
| 14.                          |                | — i         | i                                     | i                                       |              |
| 15.                          |                | j           | . !                                   |   | 1            |
| 16.                          |                |             | 1                                     | !                                       | !            |
| 17.                          |                |             | <u> </u>                              | İ                                       |              |
| 19.                          |                | !           | · · · · · · · · · · · · · · · · · · · | <u>:</u>                                | <del></del>  |
| 20.                          |                | <del></del> |                                       |   | <del>i</del> |
| 21.                          |                | i           | i                                     | l                                       |              |
| 22.                          |                |             |                                       |   | j            |
| 23.                          |                |             |                                       | ie                                      |              |
| 24.                          |                | <del></del> |                                       |   |              |
| 25.                          |                | <u> </u>    | <u> </u>                              |   | !            |
| 27.                          |                |             |                                       |   | <del></del>  |
| 23.                          |                | <del></del> | <del></del>                           |   |              |
| 23.                          |                | i           |                                       |   | i            |
| 30.                          |                |             | .1                                    |   | í            |

FGRMI-CLF-SV-TIC

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND  | LABORAT   | ORY, INC.   | Contract:    | PG-5WI            |
|-----------------|---------|-----------|-------------|--------------|-------------------|
| _ab Code:       | 10252   | Cas       | se No.:     | SAS No.:     | SDG No.: PANAM    |
| Matrix: (soil/v | vater)  | SOIL      | _           | Lab Samp     | ole ID: L62601-58 |
| Sample wt/vo    | ol:     | 30.059    | (g/ml) G    | Lab File I   | D: A1341.D        |
| _evel: (low/m   | ned)    | LOW       | _           | Date Rece    | eived: 01/12/01   |
| % Moisture:     | 22.7    | dec       | anted:(Y/N) | N Date Extra | acted: 01/17/01   |
| Concentrated    | Extract | Volume: 5 | 00 (uL)     | Date Anal    | yzed: 02/13/01    |
| niection Volu   | ıme: 2. | 0 (uL)    |             | Dilution Fa  | actor: 1.0        |

GPC Cleanup: (Y/N) Y pH: 7.57

| 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                   | Ū |  |
| 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                   | Ū |  |
| 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                  | Ü |  |
| 83-32-9  | Acenaphthene                 | 95                    | J |  |
| 51-28-5  | 2,4-Dinitrophenol            | 1100                  | Ü |  |
| 100-02-7 | 4-Nitrophenol                | 1100                  | Ū |  |
| 132-64-9 | Dibenzofuran                 | 77                    | J |  |
| 121-14-2 | 2,4-Dinitrotoluene           | 430                   | Ü |  |

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

PG-SM

| Lab Name:       | FRIEND          | L'ABOKA | TORY, INC.    |   | ontract:         |               |
|-----------------|-----------------|---------|---------------|---|------------------|---------------|
| Lab Code:       | 10252           | c       | ase No.:      |   | SAS No.:S        | DG No.: PANAM |
| Matrix: (soil/v | vater)          | SOIL    |               |   | Lab Sample ID:   | L62601-58     |
| Sample wt/vo    | ol:             | 30.059  | (g/ml) G      |   | Lab File ID:     | A1341.D       |
| Level: (low/n   | ned)            | LOW     |               |   | Date Received:   | 01/12/01      |
| % Moisture:     | 22.7            | de      | ecanted:(Y/N) | N | Date Extracted:  | 01/17/01      |
| Concentrated    | Extract         | Volume: | 500 (uL)      |   | Date Analyzed:   | 02/13/01      |
| Injection Volu  | ıme: <u>2.</u>  | 0 (uL)  |               |   | Dilution Factor: | 1.0           |
| GPC Cleanup     | o: <b>(Y/N)</b> | Y       | pH: 7.57      |   |                  |               |

#### **CONCENTRATION UNITS:**

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

| 84-66-2   | Diethyl phthalate          | 430  | J |             |
|-----------|----------------------------|------|---|-------------|
| 7005-72-3 | 4-Chlorophenylphenylether  | 430  | כ |             |
| 86-73-7   | Fluorene                   | 79   | J |             |
| 100-01-6  | 4-Nitroaniline             | 1100 | כ |             |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | 1100 | ٦ |             |
| 86-30-6   | n-Nitrosodiphenylamine     | 430  | ט |             |
| 101-55-3  | 4-Bromophenylphenylether   | 430  | כ |             |
| 118-74-1  | Hexachlorobenzene          | 430  | J | $\Box$      |
| 87-86-5   | Pentachlorophenol          | 1100 | J |             |
| 85-01-8   | Phenanthrene               | 1000 |   |             |
| 120-12-7  | Anthracene                 | 250  | 7 |             |
| 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 |   | $\exists$   |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 450  |   | ٦V          |
| 117-84-0  | Di-n-octyl phthalate       | 430  | U |             |
| 205-99-2  | Benzo(b)fluoranthene       | 1600 |   | 7           |
| 207-08-9  | Benzo(k)fluoranthene       | 480  |   | 7           |
| 50-32-8   | Benzo(a)pyrene             | 1300 |   | $\exists 1$ |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 1400 |   | ٦٧          |
| 53-70-3   | Dibenzo(a,h)anthracene     | 430  | U | 1           |
| 191-24-2  | Benzo(g,h,i)perylene       | 1700 |   | 7-          |

785 1/13/01

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name:              |         |  | entracti    |             |   |                |        |              |
|------------------------|---------|--|-------------|-------------|---|----------------|--------|--------------|
| Lab Code:              | Case No | .:                                     | NO. 2 A.Z   |             | \$0G No.:                               |                |        |              |
| Matrix: (soil/vater) _ |         |  |             |             | mpie 10: <u>LU</u> 260                  |                |        |              |
| Sample wt/vol.4        |         |  |             |             | 10: A1341 d                             |                |        |              |
| Level: (low/med)       |         |  |             |             | cained:                                 |                |        |              |
| % Moisture: decant     |         |  |             |             |   |                |        |              |
| •                      |         |  | •           |             | tradi                                   |                |        | /            |
|                        | Yolume: | <u>:-</u> ;                            |             |             | aiyaed:                                 |                | DU     | 594\$        |
| Injection Volume:      |         |  |             | Oilution .  | Facin                                   |                | /C ( - | 194          |
| GPC Cleanup: (Y/N)     | )       | ====================================== |             |             |   |                |        | 594¢<br>B-11 |
| Number TICs found:_    | 15      |  |             |             | ENTRATION UNITS:<br>. or points) LOI KO | _              |        | 2/14         |
| CAS NUMBER             | CCM     | FOUND NAME                             |             | RT.         | I EST. CONC.                            | 10             | _i     |              |
| 1.                     | Unkno   | wn (94#                                | 1) 117      | .27         | 1 120                                   |                | 10     |              |
| 3.                     |         |  |             | 78_         | 96                                      | 17             | _      |              |
| 4.                     |         |  |             | 206         |   | JB             |        |              |
| 5.                     |         |  |             | .45         | 130                                     | $\frac{1}{1}$  | 10     |              |
| 5.                     |         |  |             | .570<br>.94 |   |                |        |              |
| 7.                     |         |  |             |             | 98                                      | :              | ~      |              |
| ε.                     |         |  |             |             | 180                                     | JB             |        |              |
| <u>c.</u>              |         |  | 124.        | 49 1        | Z60                                     | ゴ              | •      |              |
| 10.                    |         |  |             | .81 1       | 96.                                     | <del>!  </del> |        |              |
| 12.                    |         | (PAH)                                  | 26.         | 35          | 150<br>110                              | +              | 2      |              |
| 13.                    |         | (4)                                    |             | <u>54 !</u> |   | !              | U      |              |
| 14.                    |         | (")                                    |             | 64          | 94                                      |                | V      |              |
| 15.                    | 1       |  |             | 89!         | 110                                     | 1              | 4      |              |
| 16.                    |         |  | 1           |             |   | !              |        |              |
| 17.                    |         |  |             |             |   | <u> </u>       |        |              |
| 16.                    |         |  |             |             |   |                |        |              |
| 20.                    |         |  |             |             |   |                |        |              |
| 21.                    |         |  |             |             | ĺ                                       | <del></del>    |        |              |
| 22.                    |         |  | j           | i i         |   |                |        |              |
| 23.                    |         |  |             |             | í)                                      |                |        |              |
| 24.                    |         |  |             |             | l                                       |                |        |              |
| 5.  <br>5.             |         |  |             |             | 1                                       |                |        |              |
| 7.                     |         |  |             |             | i                                       |                |        | -            |
| 3.                     |         |  |             |             |   |                |        |              |
| s                      |         |  | <del></del> |             |   | ;              |        |              |
| 3.                     |         |  | <del></del> |             | 1                                       |                |        |              |
| •                      |         | FGRM I-CLF-SV                          | /-TIC       |             |   |                |        |              |

VB, 2/14/01

#### NYSDEC SAMPLE NO. S

| EMIVOLATILE ORGANICS | ANALYSIS DATA SHEET |          |
|----------------------|---------------------|----------|
|                      |                     | PG-SM RE |
| ND LABORATORY, INC.  | Contract:           |          |

| ah Cada   | 10252 | Casa Na : | CACNA    | SDG No.: |          |
|-----------|-------|-----------|----------|----------|----------|
| Lab Code: | 10232 | Case No.: | SAS No.: | SUG NO   | LVIAVIAL |
|           |       |           |          |          |          |

Lab Sample ID: L62601-58 Matrix: (soil/water) SOIL 30.059 Lab File ID: A1331.D 😅 Sample wt/vol: (g/ml) G

Date Received: 01/12/01 Level: (low/med) LOW

% Moisture: 22.7 decanted:(Y/N) Ν Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01 Dilution Factor: 1.0 Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) pH: 7.57

Lab Name: FRIEND LABORATORY, INC.

| 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-Chloropropan | e) 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                   | ับ |
| 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

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| PG-SM | RE |
|-------|----|
|-------|----|

| Lab Name:       | FRIEND          | LABORAT    | ORY, INC.     | C | ontract:      |              |         |            |   |
|-----------------|-----------------|------------|---------------|---|---------------|--------------|---------|------------|---|
| Lab Code:       | 10252           | Cas        | e No.:        |   | SAS No.:      | SDO          | G No.:  | PANAM      |   |
| Matrix: (soil/v | water)          | SOIL       |               |   | Lab Sample    | ID: L        | 62601-  | 58         | " |
| Sample wt/vo    | ol:             | 30.059     | (g/ml) G      |   | Lab File ID:  | A            | 1331.D  |            |   |
| Level: (low/n   | ned)            | LOW        |               |   | Date Receiv   | ed: <u>0</u> | 1/12/01 |            |   |
| % Moisture:     | 22.7            | deca       | anted:(Y/N) _ | N | Date Extract  | ed: <u>0</u> | 1/17/01 | <i>f</i> . |   |
| Concentrated    | Extract         | Volume: 50 | 00 (uL)       |   | Date Analyzo  | ed: 0        | 2/12/01 |            |   |
| njection Volu   | ıme: <u>2</u> . | 0 (uL)     |               |   | Dilution Fact | or: 1        | .0      |            |   |

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 7.57

| 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 4        | 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                   | C |  |
| 206-44-0         | Fluoranthene               | 740                   |   |  |
| 129-00-0         | Pyrene                     | 4000                  | Е |  |
| 85-68-7          | Butylbenzyl phthalate      | 430                   | C |  |
| 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                  |   |  |

SEMIVOLATILE ORGANICS ANALTOIS UNIT SITEL Contination HYSDEC SAMPLE NO. TENTATIVELY IDENTIFIED COMPOUNDS Lab Name: SCG No.:\_\_\_ SAS No.:\_\_\_\_ Case No.:\_\_\_\_\_ Lab Code:\_\_\_\_\_ Lato Sample 10: <u>Llo2601-58</u> Matrix: (soil/vater) Lio File 10: A1331. d Sample w/vol. (c/mL) Data Received:\_\_\_\_\_ Level: (low/med) Date Estraced: % Moistura: dacanted: (Y/N) \_\_\_\_\_ Data Analyzedt\_\_\_\_\_ Concentrated Extract Volume: (;;;) Oilution Factor Injection Volume: \_\_\_\_\_(pL) GPC Claanup: (Y/N) \_\_\_\_ 5H: \_\_\_\_ CONCENTRATION UNITS: Number TICs found: EST. CONC. COMFICUND NAME RT | CAS NUMBER 130 | 17.37 | Unknown 1. 98 18.87 JB\_ 1 20.16 390 3. 20.50 123.561 12B 390 ź. 15 160 ا عاما . 23 ŝ. 100 124.05! 7. 124.29 1 120 ε. JB 330 24.48 280 24.59 10. 124.97  $\omega$ 11. 126.45 190 12. 126.62 CPAH 110 13. 126.701 130 14. 1 26.86! 10015. 27.75 110 16. 110 17. iā. 19. 20. 21. 22. 49 24. 25. 25. 27.

FORM I-CLP-SV-TIC

1 m, 2/15/01

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23.

#### NYSDEC SAMPLE NO.

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND         | LABORAT   | ORY, INC.   |   | Contract:        | PG-NM         |
|-----------------|----------------|-----------|-------------|---|------------------|---------------|
| _ab Code:       | 10252          | Cas       | se No.:     |   | SAS No.:S        | DG No.: PANAM |
| Matrix: (soil/v | water)         | SOIL      |             |   | Lab Sample ID:   | L62601-59     |
| Sample wt/vo    | oi:            | 30.001    | (g/ml) G    |   | Lab File ID:     | A1267.D       |
| _evel: (low/n   | ned)           | LOW       |             |   | Date Received:   | 01/12/01      |
| % Moisture:     | 24.2           | dec       | anted:(Y/N) | N | Date Extracted:  | 01/17/01      |
| Concentrated    | Extract        | Volume: 5 | 00 (uL)     |   | Date Analyzed:   | 02/06/01      |
| njection Volu   | ıme: <u>2.</u> | 0 (uL)    |             |   | Dilution Factor: | 1.0           |
| SPC Cleanur     | o: (Y/N)       | Y         | pH: 7.46    |   |                  |               |

| 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                   | J        |
| 95-50-1  | 1,2-Dichlorobenzene        | 440                   | ٦        |
| 95-48-7  | 2-Methylphenol             | 440                   | J        |
| 108-60-1 | 2,2'-oxybis(1-Chloropropan | e) 440                | U        |
| 106-44-5 | 4-Methylphenol             | 440                   | <b>C</b> |
| 621-64-7 | N-Nitrosodi-n-propylamine  | 440                   | ٦        |
| 67-72-1  | Hexachloroethane           | 440                   | U        |
| 98-95-30 | Nitrobenzene               | 440                   | 5        |
| 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                   | Ū        |
| 51-28-5  | 2,4-Dinitrophenol          | 1100                  | Ü        |
| 100-02-7 | 4-Nitrophenol              | 1100                  | Ū        |
| 132-64-9 | Dibenzofuran               | 440                   | Ü        |
| 121-14-2 | 2,4-Dinitrotoluene         | 440                   | Ü        |

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| _ab Name:      | FRIEND  | LABORAT    | ORY, INC.   | Contra | ct:            | _ [          | PG-NM      |  |
|----------------|---------|------------|-------------|--------|----------------|--------------|------------|--|
| _ab Code:      | 10252   | Cas        | e No.:      | _ SAS  | No.:           | SDG          | No.: PANAM |  |
| اatrix: (soil/ | water)  | SOIL       |             |        | Lab Sample ID  | : <u>L</u> e | 52601-59   |  |
| Sample wt/vo   | ol:     | 30.001     | (g/ml) G    | _      | Lab File ID:   | A            | 1267.D     |  |
| .evel: (low/r  | ned)    | LOW        |             |        | Date Received: | 01           | 1/12/01    |  |
| 6 Moisture:    | 24.2    | deca       | anted:(Y/N) | N      | Date Extracted | : <u>0</u> 1 | 1/17/01    |  |
| Concentrated   | Extract | Volume: 50 | 00 (ul.)    |        | Date Analyzed: | 02           | 2/06/01    |  |

GPC Cleanup: (Y/N) Y pH: 7.46

Injection Volume: 2.0 (uL)

#### **CONCENTRATION UNITS:**

Dilution Factor: 1.0

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  | כ              |
| 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  | Ü              |
| 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 <sup>'</sup> |
| 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  | Ü              |
| 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 HYSDEC SAMPLE NO.

| Lat Name:                 |           | Contract |                                    |
|---------------------------|-----------|----------|------------------------------------|
| Lab Code:                 | Casa No.: | SAS No.: | SDG No.:                           |
| Matrix: (soil/vater)      |           |          | Lab Sample 10: <u>Lle 2601-5</u> 9 |
| Sample w//vol.            | (c/mil)   |          | Lab File 10: A1267-d               |
| Level: (low/med)          |           |          | Data Received:                     |
| % Moisture: decanted: (   | Y/N)      |          | Oate Estraced:                     |
| Concentrated Extract Yolu | me:(;::)  | •        | Date Analysed:                     |
| Injection Volume:         | (21)      |          | Dilution Factor                    |
| GPC Claanup: (Y/N)        | - 25      |          |                                    |
| Number TICs found:        | 3         |          | CONCENTRATION UNITS:               |

| CAS NUMBER | COMFICUND NAME | RT              | EST. CONC. | i e  |
|------------|----------------|-----------------|------------|--|
| 1.         | Unknown        | 11.25           | ! 110      | 15   |
| 2.         |                | 20.33           | 350        | ! 58   |
| 3.         |                | 123.74          | 1 220      | 11   |
| 4.         |                | 124.65          | 130        | 1  |
| 5.         |                | 130.21          | 140        | 13   |
| <u>6.</u>  |                | 134.20          | 100        | 11   |
| 7.         |                | 136.94          | 390        |  |
| €.         |                | 139.46          | 220        |  |
| ç.         |                |                 | ٠ .        | :  |
| 10.        |                |                 |            | !  |
| 11.        |                |                 |            | ! !  |
| 12.        |                |                 |            | .  |
| 13.        |                | 1               |            | ! !  |
| 14.        |                | İ               |            | I i  |
| 15.        |                | i · !           |            | i ;  |
| 16. ·      |                | 1               | •          | <u>i</u>   |
| 17.        |                | 1               |            | 1  |
| 15.        |                | 1 1             |            |  |
| 19.        |                | i               |            | i i  |
| 2G.        |                | i               |            |  |
| 21.        |                | i               |            |  |
| 22.        |                | i               |            | 1  |
| 23.        |                | i               | lt .       |  |
| 24.        |                | <del></del>     |            | <del></del>                                      |
| 25.        |                | <u> </u>        |            | <del> </del>                                     |
| 25.        |                | <del>-ii-</del> |            | <del>                                     </del> |
| 27.        |                | <del></del>     |            | <u>.                                      </u>   |
| 23.        |                | <del></del>     |            |  |
| 23.        |                | 1 1             |            |  |
| 30.        |                | <del> </del>    |            |  |
|            |                | , ,             |            | ^ \  |

FORM I-CLF-SV-TIC

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## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1B NYSDEC SAMPLE NO.

| Lab Name: | FRIEND LABORATORY, INC. | Contract: |
|-----------|-------------------------|-----------|

| TP-TP46 | TPIE |
|---------|------|
|---------|------|

|    |      |   | 1 |
|----|------|---|---|
| TP | 16-1 | 7 |   |

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

| 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                   | C |
| 95-50-1  | 1,2-Dichlorobenzene      | 410                   | C |
| 95-48-7  | 2-Methylphenol           | 410                   | U |
| 108-60-1 | 2,2'-oxybis(1-Chloroprop | ane) 410              | U |
| 106-44-5 | 4-Methylphenol           | 410                   | U |
| 621-64-7 | N-Nitrosodi-n-propylamii | ne 410                | C |
| 67-72-1  | Hexachloroethane         | 410                   | U |
| 98-95-30 | Nitrobenzene             | 410                   | C |
| 78-59-1  | Isophorone               | 410                   | C |
| 88-75-52 | 2-Nitrophenol            | 410                   | U |
| 105-67-9 | 2,4-Dimethylphenol       | 410                   | U |
| 111-91-1 | bis(2-Chloroethoxymetha  | ane) 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  | Hexachlorocyclopentadie  | ene 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                  | Ū |
| 83-32-9  | Acenaphthene             | 410                   | Ū |
| 51-28-5  | 2,4-Dinitrophenol        | 1000                  | Ū |
| 100-02-7 | 4-Nitrophenol            | 1000                  | Ū |
| 132-64-9 | Dibenzofuran             | 410                   | U |
| 121-14-2 | 2,4-Dinitrotoluene       | 410                   | Ū |

#### 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| NYSDEC SAMPLE NO. | -Δ    |
|-------------------|-------|
| T-C               | 11-17 |

| Lab Name:      | FRIEND    | LABORAT  | TORY, INC.     | Co | ntract:         | IP-TP46             | _TP16-11 |
|----------------|-----------|----------|----------------|----|-----------------|---------------------|----------|
| Lab Code:      | 10252     | Ca       | se No.:        |    | SAS No.:        | SDG No.: PANAM      | _        |
| Matrix: (soil/ | water)    | SOIL     | _              |    | Lab Sample ID   | ): <u>L62601-60</u> | _        |
| Sample wt/ve   | ol:       | 30.013   | (g/ml) G       |    | Lab File ID:    | B1752.D             |          |
| Level: (low/r  | med)      | LÓW      | _              |    | Date Received   | i: <u>01/12/01</u>  |          |
| % Moisture:    | 18.8      | de       | canted:(Y/N) _ | N  | Date Extracted  | i: <u>01/17/01</u>  |          |
| Concentrated   | d Extract | Volume:  | 500 (uL)       |    | Date Analyzed   | i: <u>02/19/01</u>  |          |
| Injection Vol  | ume: 2    | .0_ (uL) |                |    | Dilution Factor | 7. <u>1.0</u>       |          |
| GPC Cleanu     | p: (Y/N)  | Y        | pH: 8.32       | _  |                 |                     |          |

**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               | 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  | 7           |
| 85-68-7   | Butylbenzyl phthalate      | 410  | U  | UI          |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 410  | U  | <b>T</b>    |
| 56-55-3   | Benzo(a)anthracene         | 110  | J  | 3           |
| 218-01-9  | Chrysene                   | 150  | J  | $\exists I$ |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 140  | J' | ₩           |
| 117-84-0  | Di-n-octyl phthalate       | 410  | U  | R           |
| 205-99-2  | Benzo(b)fluoranthene       | 130  | J  | 3           |
| 207-08-9  | Benzo(k)fluoranthene       | 87   | 7  |             |
| 50-32-8   | Benzo(a)pyrene             | 150  | J  | •           |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 410  | U  | R           |
| 53-70-3   | Dibenzo(a,h)anthracene     | 410  | U  | ] [         |
| 191-24-2  | Benzo(g,h,i)perylene       | 410  | U  | <b>]</b>    |

4/3/01

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSO

| Lab Name:              |                           | Contract:    |             |   | ī            |
|------------------------|---------------------------|--------------|-------------|---|--------------|
| Lab Code:              | Case No.:                 |              |             | SCG No.:                                |              |
| Matrix: (soil/vater)   |                           |              |             | igie i0: L6260                          |              |
|                        | ( <u>s/<del>mi</del>)</u> |              |             | 10: B1752.d                             |              |
| Level: (law/med)       |                           |              |             | eived:                                  |              |
| % Moisture: decanted   |                           |              |             | :c:4:                                   |              |
| Concentrated Extract V |                           |              |             |   |              |
|                        |                           |              |             | ;y:=d:/                                 |              |
| Injection Volume:      |                           |              | טווניבה ה   | icin                                    |              |
| GPC Clashup: (Y/N)_    | ##                        |              |             |   |              |
| Number TICs lound:     | 3                         |              |             | HTRATION UNITS:<br>H 120 (22 M2) UNITS: |              |
| CAS NUMBER             | COMFICUND NAME            |              | ET I        | EST. CONC.                              | İG           |
| 1.                     | Unknown                   |              |             | 110                                     | 15           |
| 3.                     |                           |              | 19.94       | 160                                     | <u>at!</u>   |
| 4.                     | t                         |              | 23.32       | 160                                     | <u> </u>     |
| 5.                     |                           | <u> </u>     | 1           |   | 1            |
| 6.                     |                           | ·            | 1           |   | i            |
| 7.                     |                           |              |             |   | 1            |
| ε.                     |                           | 1            | i           |   | į            |
| ę.                     |                           | !            |             |   | <del></del>  |
| 10.                    |                           |              |             |   | <del>!</del> |
| 12.                    |                           |              | <u> </u>    |   | !            |
| 13.                    |                           | <del></del>  |             |   | · !          |
| 14.                    |                           |              | <del></del> |   | <u> </u>     |
| 15.                    |                           | <del>i</del> | •           |   | i            |
| 16.                    |                           |              |             |   | !            |
| 17.                    | 10                        |              | !           |   | <u> </u>     |
| 1â. / ·                | $ \sim$                   |              | <u> </u>    |   | <del> </del> |
| 20.                    | (4)                       |              |             |   | !!           |
| 21.                    | 30 p                      |              |             |   | !            |
| 22.                    |                           |              |             |   |              |
| 3.                     | 50                        | —— <u> </u>  | <del></del> | í)                                      |              |
| 4.                     | 7,0                       |              |             |   |              |
| 5.                     | 1                         | }            | 1           |   |              |
| 5.                     |                           |              |             | 1                                       |              |
| 7.                     |                           |              |             |   | !            |
|                        |                           |              |             |   |              |
| €.                     |                           |              |             |   |              |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-TP16 DL

| Lab Name:       | FRIEND        | LABORAT   | ORY, INC.   | Contract:        |                    |
|-----------------|---------------|-----------|-------------|------------------|--------------------|
| Lab Code:       | 10252         | Cas       | e No.:      | SAS No.:         | SDG No.: PANAM     |
| Matrix: (soil/v | vater)        | SOIL      |             | Lab Sample II    | D: L62601-60, 5X   |
| Sample wt/vo    | ol:           | 30.013    | (g/ml) G    | Lab File ID:     | B1742.D            |
| Level: (low/n   | ned)          | LOW       |             | Date Received    | d: <u>01/12/01</u> |
| % Moisture:     | 18.8          | dec       | anted:(Y/N) | N Date Extracted | d: 01/17/01        |
| Concentrated    | Extract '     | Volume: 5 | 00 (uL)     | Date Analyzed    | 1: 02/16/01        |
| njection Volu   | me: <u>2.</u> | 0 (uL)    |             | Dilution Factor  | r. <u>5.0</u>      |

GPC Cleanup: (Y/N) Y pH: 8.32

| CAS NO.  | COMPOUND (ug                 | (ug/L or ug/Kg) UG/KG |   |
|----------|------------------------------|-----------------------|---|
| 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                  | J |
| 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                  | Ú |

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1C

| Lab Name:       | FRIEND        | LABORA  | TORY, INC.   | ( | Contract:       |                    |
|-----------------|---------------|---------|--------------|---|-----------------|--------------------|
| Lab Code:       | 10252         | Ca      | ise No.:     |   | SAS No.:        | SDG No.: PANAM     |
| Matrix: (soil/v | vater)        | SOIL    | _            |   | Lab Sample ID   | ): L62601-60, 5X   |
| Sample wt/vo    | ol:           | 30.013  | (g/ml) G     |   | Lab File ID:    | B1742.D            |
| Level: (low/n   | ned)          | LOW     | _            |   | Date Received   | l: <u>01/12/01</u> |
| % Moisture:     | 18.8          | de      | canted:(Y/N) | N | Date Extracted  | i: <u>01/17/01</u> |
| Concentrated    | Extract       | Volume: | 500 (uL)     |   | Date Analyzed   | : 02/16/01         |
| njection Volu   | ıme: <u>2</u> | .0 (uL) |              |   | Dilution Factor | 5.0                |
| GPC Cleanup     | o: (Y/N)      | Υ       | pH: 8.32     |   | _               |                    |

| 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 NYSDEC SAMPLE NO. 5 X Lab Name:\_\_\_\_\_ Contract: Lab Code:\_\_\_\_\_ Case No.:\_\_\_\_\_ SAS No.:\_\_\_\_ SGG No.:\_\_\_\_ Matrix: (soilAvater) Lab Sample 10: <u>Lle2601-60</u> Sample wt/vol/// (c/mi.) LED FRE 10: B1742.d Levei: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Ozia Estracad: Concentrated Extract Volume: (%1) Data Analyzed:\_\_\_\_ اريا المادة الم Oliution Factor GPC Clasnup: (Y/N) \_\_\_\_ SH: \_\_\_\_ wot reportable CONCENTRATION UNITS: Number TiCs found: (upit or upika) upika) CAS NUMBER COMPICUNO NAME 57 EST. CONC. 1. Unknown 890 **29.85**! 11. 12. 13.

15. 16. 17. 16. 19. 20. 21.

24. 25. 25. 27. 23.

FORM I-CLF-SV-TIC /19/0/

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#### 1B

#### NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| TP TP11 |
|---------|
|         |

TP11-19

| Lab Name:       | FRIEND  | LABORAT   | ORY, INC.     | Cont | ract:       |       |               |   |
|-----------------|---------|-----------|---------------|------|-------------|-------|---------------|---|
| _ab Code:       | 10252   | Cas       | se No.:       | SA   | AS No.:     | \$0   | OG No.: PANAM |   |
| Matrix: (soil/v | vater)  | SOIL      | _             |      | Lab Sample  | e ID: | L62601-61     | _ |
| Sample wt/vo    | ol:     | 30.038    | (g/ml) G      |      | Lab File ID | :     | A1315.D       |   |
| _evel: (low/n   | ned)    | LOW       | -             |      | Date Recei  | ved:  | 01/12/01      |   |
| % Moisture:     | 15      | dec       | anted:(Y/N) _ | N    | Date Extra  | cted: | 01/17/01      |   |
| Concentrated    | Extract | Volume: 5 | 00 (uL)       |      | Date Analy  | zed:  | 02/09/01      |   |

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) Y pH: 8.18

#### **CONCENTRATION UNITS:**

Dilution Factor: 1.0

| 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                   | Ū |
| 95-48-7          | 2-Methylphenol              | 390                   | U |
| 108-60-1         | 2,2'-oxybis(1-Chloropropane | 390                   | U |
| 106-44-5         | 4-Methylphenol              | 390                   | Ü |
| 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 <u>-</u> 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                   | C |
| 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 |

#### 1C

NYSDEC SAMPLE NO.

| SEMIVO | ATII F | ORGANIC | S ANALYSIS | DATA                                    | SHEET |
|--------|--------|---------|------------|---|-------|
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| Lab Name:      | FRIEND          | LABORA  | TORY, INC.     | c | contract:         |               |
|----------------|-----------------|---------|----------------|---|-------------------|---------------|
| Lab Code:      | 10252           | Ca      | ase No.:       |   | SAS No.: S        | DG No.: PANAM |
| Matrix: (soil/ | water)          | SOIL    |                |   | Lab Sample ID:    | L62601-61     |
| Sample wt/vo   | ol:             | 30.038  | (g/ml) G       |   | Lab File ID:      | A1315.D       |
| Level: (low/n  | ned)            | LOW     |                |   | Date Received:    | 01/12/01      |
| % Moisture:    | 15              | de      | canted:(Y/N) _ | N | _ Date Extracted: | 01/17/01      |
| Concentrated   | Extract         | Volume: | 500 (uL)       |   | Date Analyzed:    | 02/09/01      |
| Injection Volu | ıme: <u>2</u> . | 0 (uL)  |                |   | Dilution Factor:  | 1.0           |
| GPC Cleanur    | o: (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                   | 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  | J |
| 191-24-2  | Benzo(g,h,i)perylene       | 460  |   |

413101

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAN

| Lab Name:                  |                    | Contract: |                                  |
|----------------------------|--------------------|-----------|----------------------------------|
| Lab Code:                  |                    |           |                                  |
| Matrix: (soil/vater)       |                    |           | Lao Sample 10: <u>L 62601-61</u> |
| Sample without 1/2         | (c/mil)            |           | Lato File 10: A1315.0            |
| Levei: (low/med)           |                    |           | Date Received:                   |
| % Moisture:  decanted: (Y  | (Ni)               |           | 0:12 Etaced:                     |
| Concentrated Extract Volum | ne:( <u>;;i_</u> ) | •         | Data Analysed:                   |
| Injection Volume:          | <u>(المنز)</u>     |           | Offiction Factor                 |
| GPC Clasnup: (Y/N)         | . # <u>_</u>       |           |                                  |
| Number TICs (cund: 2       |                    |           | CONCENTRATION UNITS:             |
| CAS NUMBER                 | COMPICUNO N        | UME       | RT EST. CONC.                    |

| CAS NUMBER | COMPOUND NAME | RT       | EST. CONC. | i e           |
|------------|---------------|----------|------------|---------------|
| 1.         | Unknown       | 118971   | 130<br>300 | 7             |
| 2.         | I I           | 123.81   | 300        | 1 1           |
| 3.         |               |          | <u> </u>   | <u> </u>      |
| 4.         |               |          |            | <u> </u>      |
| 5.         |               |          |            | !             |
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| 10.        |               |          |            |               |
| 11.        |               |          |            |               |
| 12.        |               |          |            |               |
| 13.        |               |          |            |               |
| 14.        |               |          |            | [             |
| 15.        |               | <u> </u> |            |               |
| 16.        |               |          |            |               |
| 17.        |               |          | <u> </u>   |               |
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| 19.        |               |          |            | <u></u>       |
| 20.        |               |          |            | <del></del> ; |
| 21.        |               |          | i          |               |
| 22.        |               |          |            |               |
| 23.        |               |          | lf 1       |               |
| 24.        |               |          |            |               |
| 25.        |               |          | 1          |               |
| 25.        |               |          | j          | <del></del> ; |
| 27.        |               |          |            |               |
| 23.        | ·             |          | j          |               |
| 23.        |               |          | j          | <del></del>   |
| 10.        |               | ,        |            | i             |

FORM I-CLF-SV-TIC

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1B

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND    | LABORATORY, INC. | С | contract:         | TP-TP11 RE        |
|----------------|-----------|------------------|---|-------------------|-------------------|
| Lab Code:      | 10252     | Case No.:        |   | SAS No.: S        | DG No.: PANAM     |
| Matrix: (soil/ | water)    | SOIL             |   | Lab Sample ID:    | L62601-61         |
| Sample wt/v    | ol:       | 30.038 (g/ml) G  |   | Lab File ID:      | A1290.D           |
| Level: (low/r  | ned)      | LOW              |   | Date Received:    | 01/12/01          |
| % Moisture:    | 15        | decanted:(Y/N) _ | N | _ Date Extracted: | <u>, 61/17/01</u> |
| Concentrated   | d Extract | Volume: 500 (uL) |   | Date Analyzed:    | 02/07/01          |
| Injection Volu | ıme: 2.   | .0 (uL)          |   | Dilution Factor:  | 1.0               |

GPC Cleanup: (Y/N) Y pH: 8.18

| 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                   | Ü |
| 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 |                       | 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                   | c |
| 87-68-3          | Hexachlorobutadiene         | 390                   | U |
| 59-50-7 <i>f</i> | 4-Chloro-3-methylphenol     | 390                   | C |
| 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                   | Ū |
| / 99-09-2        | 3-Nitroaniline              | 980                   | U |
| 83-32-9          | Acenaphthene                | 82                    | J |
| 51-28-5          | 2,4-Dinitrophenol           | 980                   | Ū |
| 100-02-7         | 4-Nitrophenol               | 980                   | Ū |
| 132-64-9         | Dibenzofuran                | 70                    | J |
| 121-14-2         | 2,4-Dinitrotoluene          | 390                   | U |

#### 1C

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| TP-TP11 RE | ٠ |
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|------------|---|

Q

| Lab Name:      | FRIEND    | LABORAT   | ORY, INC.   | Contra | nct:   | 23            |
|----------------|-----------|-----------|-------------|--------|--|---------------|
| Lab Code:      | 10252     | Ca:       | se No.:     | SAS    | S No.: S   | DG No.: PANAM |
| Matrix: (soil/ | water)    | SOIL      | _           |        | Lab Sample ID:   | L62601-61     |
| Sample wt/ve   | ol:       | 30.038    | (g/ml) G    |        | Lab File ID:   | A1290.D       |
| Level: (low/r  | ned)      | LOW       | _           |        | Date Received:   | 01/12/01      |
| % Moisture:    | 15        | dec       | anted:(Y/N) | N      | Date Extracted:  | 01/17/01      |
| Concentrated   | d Extract | Volume: 5 | 00 (uL)     |        | Date Analyzed:   | 02/07/01      |
| Injection Volu | ume: 2.   | .0 (uL)   |             |        | Dilution Factor:   | 1.0           |
| GPC Cleanu     | p: (Y/N)  | Y         | pH: 8.18    |        | de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la |               |

COMPOUND

CAS NO.

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/KG

| 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  | Pyrenė                     | 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  | Ĵ   |
| 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  |     |

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| 15.  | Lat Name:            |   | Contract:   |               | 1           | :  |             |
|--|----------------------|---|-------------|---------------|-------------|--|-------------|
| Las Sample RD: LQ2L001-L01   | Lat Code:            | Case No.:                               | 5.45 No.:   | ٠.            | SCG No.:    | _  |             |
| Sample working   | Matrix: (soil/vater) |   |             |               |             |  | 1           |
| Modesture: decanted: (Y/N)   | Sample woval!        | ( <u>c/=:</u> )                         |             |               |             | •  |             |
| Concentrated Estract Volume:   | Levei: (low/med)     |   | •           | Osta Raca     | ired:       |  |             |
| Injection Volume:  | % Moisture: decan    | ted: (Y/H)                              | •           | Ozta Estra    | =:4:        |  |             |
| CONCENTRATION UNITS:   CONFIDENCE   CONCENTRATION UNITS:   Concentration units:   Concent | Concentrated Extrac  | tt Volume:(;;t)                         | •           | Data Assiy    |             |  |             |
| CAS NUMBER   COMPOUND NAME   RT   EST. CONC.   G   | Injection Volume:    | (pL)                                    |             | Oiletian Fra  | ==::        |  |             |
| CAS NUMBER   COMP DUNO NAME   RT   EST. CONC.   C   C   C   C   C   C   C   C   C  | GFC Claanup: (YIN    | n                                       |             |               |             |  |             |
| 1.       2.       3. <td< td=""><td colspan="5">CONCENTRATION UNITS:</td><td></td></td<>  | CONCENTRATION UNITS: |   |             |               |             |  |             |
| 2.       3.       4.       1. <td< td=""><td>CAS NUMBER</td><td>COMPICUNO NAME</td><td>1</td><td>RT  </td><td>EST. CONC.</td><td>i</td><td>G_</td></td<>   | CAS NUMBER           | COMPICUNO NAME                          | 1           | RT            | EST. CONC.  | i  | G_          |
| 3.   |                      |   |             | !             |             | ļ  |             |
| 4.   |                      |   |             |               |             |  |             |
| 5.   |                      |   |             | <del></del>   | <del></del> | <del>-                                    </del> |             |
| 7.  E.  S.  10.  11.  12.  13.  14.  15.  16.  17.  18.  19.  20.  21.  22.  23.  24.  25.  27.  28.  29.  21.  27.  28.  29.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  21.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  20.  20.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  20.  20.  20.  20.  21.  22.  23.  24.  25.  26.  27.  27.  28.  29.  20.  20.  20.  20.  20.  20.  20   |                      |   | <u>_</u>    |               |             | +  |             |
| £.       5.         10.       11.         11.       12.         13.       14.         15.       15.         16.       17.         15.       18.         17.       18.         19.       19.         20.       19.         21.       19.         22.       19.         23.       19.         24.       19.         25.       19.         26.       19.         27.       19.         28.       19.         29.       19.         21.       19.         22.       19.         23.       19.         24.       19.         25.       19.         26.       19.         27.       19.         28.       19.         29.       19.         21.       19.         22.       19.         23.       19.         24.       19.         25.       19.         26.       19.         27.       19.         28.       19.  | · 6.                 |   |             | <del></del>   |             | <del></del>                                      |             |
| 5.       10.         11.       12.         13.       14.         15.       15.         16.       17.         15.       18.         17.       18.         18.       18.         20.       18.         21.       18.         22.       18.         23.       18.         24.       18.         25.       18.         26.       18.         27.       18.         28.       18.         29.       18.         21.       18.         22.       18.         23.       18.         24.       18.         25.       18.         26.       18.         27.       18.         28.       18.         29.       18.         21.       18.         22.       18.         23.       18.         24.       18.         25.       18.         26.       18.         27.       18.         28.       18.         29.       18  | ī.                   |   | ·i          | i             |             | !  |             |
| 10.  11.  12.  13.  14.  15.  16.  17.  18.  19.  20.  21.  22.  21.  22.  22.  23.  24.  25.  25.  27.  28.  29.  21.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  21.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  28.  29.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  20.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  20.  21.  21.  22.  23.  24.  25.  26.  27.  28.  29.  20.  20.  20.  20.  20.  20.  20   |                      |   | j           | İ             |             | :  | ;           |
| 11.  |                      |   | l           | i             |             | :  |             |
| 12.  |                      |   |             | !_            |             | <u>!</u>   | :           |
| 13.  |                      | 1                                       |             | <u> </u>      |             | <del>!</del>                                     | !           |
| 15.  |                      | 1                                       |             | <del></del>   |             | • !  |             |
| 16.  |                      |   |             | <del></del>   |             | <del>:</del> —                                   | _;          |
| 17.  | 15.                  |   | <del></del> | <del></del>   |             | <del> </del>                                     |             |
| 15. 19. 20. 21. 22. 22. 23. 24. 25. 25. 27. 28. 29. 29. 20. 20. 21. 21. 22. 23. 24. 25. 26. 27. 28. 29. 29. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20   | 16.                  |   |             | <del>-i</del> |             | <del>i</del>                                     | 一           |
| 19.  | 17.                  |   | i           | !             |             | i  |             |
| 20.  | 18.                  |   | l           | į             |             | :,   |             |
| 21.  | 19.                  |   | 1           |               |             | 1  |             |
| 22.  |                      |   |             | !             |             | <u> </u>   | ;           |
| 23.  |                      |   |             | i             |             | <u>i</u>   | _           |
| 24.  |                      |   |             |               |             | <del> </del>                                     | <del></del> |
| 25.  | 24.                  |   | i           | <del></del>   |             | i  | $\dashv$    |
| 27.  | 25.                  |   | 1           | <del>i</del>  |             | <u>.                                      </u>   | _ <u>;</u>  |
| S.   .   .   .   .   .   .   .   .   .   | 25.                  |   |             | Ī             |             |  |             |
| g.   |                      |   |             |               |             | l  |             |
| s. I II  | 23.                  |   |             |               |             |  | _           |
|  |                      |   |             |               |             |  | _!          |
|  |                      | *************************************** |             | .1            |             |  | _:          |

10, 2/9/01

#### NYSDEC SAMPLE NO.

## . 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| BG-N-M |
|--------|
|--------|

| Lab Name:       | FRIEND         | LABORA  | TORY, INC.   |   | Contract:        |                |
|-----------------|----------------|---------|--------------|---|------------------|----------------|
| Lab Code:       | 10252          | Ca      | se No.:      |   | SAS No.:         | SDG No.: PANAM |
| Matrix: (soil/v | vater)         | SOIL    | -            |   | Lab Sample ID    | L62601-64      |
| Sample wt/vo    | ol:            | 30.003  | (g/ml) G     |   | Lab File ID:     | A1288.D        |
| Level: (low/n   | ned)           | LOW     | _            |   | Date Received:   | 01/12/01       |
| % Moisture:     | 20.5           | de      | canted:(Y/N) | N | Date Extracted   | 01/17/01       |
| Concentrated    | Extract        | Volume: | 500 (uL)     |   | Date Analyzed:   | 02/07/01       |
| Injection Volu  | ıme: <u>2.</u> | 0 (uL)  |              |   | Dilution Factor: | 1.0            |
| GPC Cleanur     | o: (Y/N)       | Y       | pH: 8.15     |   |                  |                |

### **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  | J  |
| 95-57-8  | 2-Chlorophenol               | 420  | J  |
| 541-73-1 | 1,3-Dichlorobenzene          | 420  | ٦  |
| 106-46-7 | 1,4-Dichlorobenzene          | 420  | כ  |
| 95-50-1  | 1,2-Dichlorobenzene          | 420  | J  |
| 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  | Ū  |

1C

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| BG-N-JW |  |
|---------|--|
|---------|--|

|       |           |                 |          |                   |        |             |          | BG        | -N-JW |     |
|-------|-----------|-----------------|----------|-------------------|--------|-------------|----------|-----------|-------|-----|
| Lab N | Vame:     | FRIEND          | LABORAT  | ORY, INC.         | _ Cor  | ntract:     |          |           |       |     |
| Lab C | Code:     | 10252           | Ca       | se No.:           | s      | AS No.:     | SI       | DG No.: I | PANAM |     |
| Matri | x: (soil/ | water)          | SOIL     | _                 |        | Lab Sam     | ple ID:  | L62601-6  | 4     |     |
| Samp  | pie wt/v  | ol:             | 30.003   | (g/ml) G          |        | Lab File    | D:       | A1288.D   |       |     |
| Level | l: (low/ı | med)            | LOW      |                   |        | Date Red    | eived:   | 01/12/01  |       |     |
|       | •         | -               |          | -<br>canted:(Y/N) | N      | Date Ext    | racted:  | 01/17/01  |       |     |
|       |           |                 |          |                   |        |             |          |           |       |     |
|       |           |                 | -        | 600 (uL)          |        |             | -        | 02/07/01  |       |     |
| nject | ion Vol   | ume: <u>2</u>   | .0 (uL)  |                   |        | Dilution F  | actor:   | 1.0       |       |     |
| GPC   | Cleanu    | p: (Y/N)        | <u>Y</u> | pH: 8.15          |        |             |          |           |       |     |
|       |           |                 |          |                   |        | CONCENT     | 'D A TIO | MILIKUTO: |       |     |
|       |           |                 |          |                   |        | CONCENT     |          |           |       |     |
| (     | CAS NO    | <b>)</b> .      | COMP     | DUND              |        | (ug/L or ug | /Kg) UG  | /KG       | Q     |     |
| Γ     | 84-66-    | 2               | Diethy   | yl phthalate      |        |             |          | 420       | U     | 7   |
| ۲     | 7005-7    |                 |          | orophenylpheny    | lether |             |          | 420       | U     | ٦   |
| t     | 86-73-    |                 | Fluore   |                   |        |             |          | 420       | U     | 7   |
| r     | 100-01    |                 |          | oaniline          |        |             |          | 1000      | U     | 7   |
|       | 534-52    |                 |          | hyl-4-6-dinitroph | nenol  |             |          | 1000      | U     |     |
|       | 86-30-    |                 | n-Nitr   | osodiphenylami    | ne     |             |          | 420       | U     |     |
| Γ     | 101-55    | 5-3             | 4-Bro    | mophenylpheny     | lether |             |          | 420       | כ     |     |
|       | 118-74    | <b>I-1</b>      | Hexa     | chlorobenzene     |        |             |          | 420       | J     |     |
|       | 87-86-    | ·5              | Penta    | chlorophenol      |        |             |          | 1000      | U     |     |
|       | 85-01-    | -8              | Phena    | anthrene          |        |             |          | 230       | J     |     |
|       | 120-12    | 2-7             | Anthr    | acene             |        |             |          | 48        | J     |     |
|       | 86-74-    | 8               | Carba    | zole              |        |             |          | 420       | U     |     |
|       | 84-74-    | 2               | Di-n-t   | outyl phthalate   |        |             |          | 420       | U     |     |
|       | 206-44    | 1-0             | Fluora   | anthene           |        |             |          | 310       | J     | ⅃.  |
|       | 129-00    | )-0             | Pyren    |                   |        |             |          | 730       |       | ];  |
|       | 85-68-    | 7               | Butylt   | penzyl phthalate  |        |             |          | 420       | U     | ]'· |
|       | 91-94-    | 1               | 3,3'-D   | ichlorobenzidine  | 9      |             |          | 420       | U     | -   |
|       | 56-55-    | 3               |          | (a)anthracene     |        |             |          | 180       | J     |     |
|       | 218-01    | -9              | Chrys    | ene               |        |             |          | 190       | J     |     |
| L     | 117-81    | 1-7             |          | Ethylhexyl phtha  | alate  |             |          | 350       | J     |     |
|       | 117-84    | 1-0             |          | ctyl phthalate    |        |             |          | 420       | U     |     |
|       | 205-99    | 9-2             |          | (b)fluoranthene   |        |             |          | 240       | J     | 1   |
|       | 207-08    |                 |          | (k)fluoranthene   |        |             |          | 66        | 7     |     |
|       | 50-32-    |                 |          | (a)pyrene         |        |             |          | 170       | J     | _\  |
|       | 193-39    | <del>)</del> -5 | Inden    | o(1,2,3-cd)pyren  | ie     |             |          | 420       | Ç     | •   |

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene

53-70-3

191-24-2

420

130

\_ SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS HYSDEC SAMPLE NO. Lab Name:\_\_\_\_\_ Contract: Lab Code:\_\_\_\_\_ SAS No.:\_\_\_\_ STG No.:\_\_\_ Case No.:\_\_\_\_ Maurix: (soil/vater) Sample withouthy (c/mi.) Laid File 10: A 1288.d Level: (low/med) Date Received: % Moisture: decanted: (Y/N) \_\_\_\_\_ Oata Estracad: Concentrated Extract Volume: (21) Data Analyzed:\_\_\_\_\_ Injection Volume: \_\_\_\_\_(pL) Oilution Factor GPC Cleanup: (Y/N) \_\_\_\_ 200 CONCENTRATION UNITS: Number TICs found: D (ucil or ucike)\_\_\_\_\_ CAS NUMBER COMPICIEND NAME EST. CONC. 1. 2. 3. 4. ź. õ. 7. 10. 11. 12. 13. 14. 15. 1ĉ.

FORM I-CLF-SV-TIC

UB, 2/9/01

. 17. 15. 19. 20. 21. 22. 23. 24. 25. 25. 27. 28. 27.

## 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| BG-N | 1-7/ | NI | RE |
|------|------|----|----|

| Lab Name:       | FRIEND          | LABORAT | TORY, INC.  |            | Contract:   |               | 5041-01    |            |
|-----------------|-----------------|---------|-------------|------------|-------------|---------------|------------|------------|
| Lab Code:       | 10252           | Ca      | se No.:     |            | SAS No.:    | SD            | G No.: PAI | NAM .      |
| Matrix: (soil/v | vater)          | SOIL    |             |            | Lab Sampl   | e ID: L       | .62601-64  | , je din s |
| Sample wt/vo    | ol:             | 30.003  | (g/ml) G    |            | Lab File ID | : <u>A</u>    | 1308.D     | <b>3</b>   |
| Level: (low/n   | ned)            | LOW     | _           |            | Date Recei  | ved: 0        | 1/12/01    |            |
| % Moisture:     | 20.5            | ded     | canted:(Y/N | ) <u>N</u> | Date Extra  | cted: 0       | 1/17/01    |            |
| Concentrated    | Extract         | Volume: | 500 (uL     | )          | Date Analy  | zed: <u>0</u> | 2/09/01    |            |
| Injection Volu  | ıme: <u>2</u> . | 0 (uL)  |             |            | Dilution Fa | ctor: 1       | .ຕື້       |            |
| GPC Cleanur     | o: (Y/N)        | Υ       | pH: 8.15    |            |             | ا<br>العيم من | Į.         |            |

| 420<br>420<br>420<br>420 | U                                       |
|--------------------------|---|
| 720                      | U                                       |
| مو 420                   | _                                       |
|                          | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
|                          | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | Ū                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 1000                     | U                                       |
| 420                      | U                                       |
| 1000                     | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
| 1000                     | U                                       |
| 420                      | U                                       |
| 1000                     | U                                       |
| 1000                     | U                                       |
| 420                      | U                                       |
| 420                      | U                                       |
|                          | 420 420 420 420 420 420 420 420 420 420 |

1C

NYSDEC SAMPLE NO.

**BG-N-JW RE** 

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND LA | BORATORY, INC. | Contract:  | 50.000         |
|----------------|-----------|----------------|------------|----------------|
| Lab Code:      | 10252     | Case No.:      | SAS No.:   | SDG No.: PANAM |
| Matrix: (soil/ | water) SC | DIL            | Lab Sample | ID: L62601-64  |

Matrix: (soil/water) SOIL Lab Sample ID: L62601-6
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

| CAS NO.   | COMPOUND                   | (ug/L or ug/Kg) | UG/KG | Q |
|-----------|----------------------------|-----------------|-------|---|
| 84-66-2   | Diethyl phthalate          | , <b>3</b> 7    | 420   | U |
| 7005-72-3 | 4-Chlorophenylphenylether  | 42 2 T          | 420   | U |
| 86-73-7   | Fluorene                   | gigar.          | 420   | U |
| 100-01-6  | 4-Nitroaniline             | ,A*             | 1000  | U |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | d <sup>a</sup>  | 1000  | U |
| 86-30-6   | n-Nitrosodiphenylamine     | ř.              | 420   | U |
| 101-55-3  | 4-Bromophenylphenylether   |                 | 420   | U |
| 118-74-1  | Hexachlorobenzene          |                 | 420   | U |
| 87-86-5   | Pentachlorophenol 3        |                 | 1000  | U |
| 85-01-8   | Phenanthrene /*            |                 | 210   | J |
| 120-12-7  | Anthracene ,               |                 | 45    | J |
| 86-74-8   | Carbazole 3                |                 | 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   | C |
| 56-55-3   | Benzo(a)anthracene         |                 | 170   | J |
| 218-01-9  | Chrysene                   |                 | 180   | J |
| 117-81-7  | bis-2-Ethylhexyl phthalate |                 | 390   | Ĵ |
| 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 ANALTOID UNIV. OILL TENTATIVELY IDENTIFIED COMPOUNDS HYSDECSAMPLE NO. CONTINUATION Contract: 1 : Lat Code:\_\_\_\_ Case No.:\_\_\_\_ SAS No.:\_\_\_\_\_ STG No.:\_\_\_\_ Matur: (scilvastst) Late Sample 10:1102601-64 Sample witrolling (g/mi.) Lais Fire 10: A 1308. d Levei: (low/med) Data Received: % Moisture: decanted: (Y/N) Osia Estracadi Concentrated Extract Volume: \_\_\_\_\_(;:1) Data Analyzedt Injection Volume: (pL) Ofiction Factor CONCENTRATION UNITS: Number TICs found: CAS NUMBER COMPICUND NAME EST. CONC. | G | 2. 7.

ε. ٥. 10. 11. 12. 13. 14. 15. 1£. 17. 15. 19. 20. 21. 22. 23. 24. 25. 25. 27. 23. 23. 35.

FORM I-CLF-SV-TIC

NYSDEC SAMPLE NO.

A1298.D

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1B

|                         |           | BG-SOUTH |
|-------------------------|-----------|----------|
| FRIEND LABORATORY, INC. | Contract: |          |

Matrix: (soil/water) SOIL Lab Sample ID: L62601-65

(g/ml) G

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

30.009

Lab Name:

Sample wt/vol:

#### **CONCENTRATION UNITS:**

Lab File ID:

| 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-Chloroprop | pane) 430             | U |  |
| 106-44-5 | 4-Methylphenol           | 430                   | U |  |
| 621-64-7 | N-Nitrosodi-n-propylami  | ne 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                   | Ū |  |
| 111-91-1 | bis(2-Chloroethoxymeth   | ane) 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-methylpheno   |                       | U |  |
| 91-57-6  | 2-Methylnaphthalene      | 430                   | U |  |
| 77-47-4  | Hexachlorocyclopentadi   |                       | U |  |
| 88-06-2  | 2,4,6-Trichlorophenol    | 430                   | U |  |
| 95-95-4  | 2,4,5-Trichlorophenol    | 1100                  | Ū |  |
| 91-58-7  | 2-Chloronaphthalene      | 430                   | U |  |
| 88-74-4  | 2-Nitroaniline           | 1100                  | Ū |  |
| 131-11-3 | Dimethyl phthalate       | 430                   | Ū |  |
| 208-96-8 | Acenaphthylene           | 430                   | Ū |  |
| 606-20-2 | 2,6-Dinitrotoluene       | 430                   | Ü |  |
| 99-09-2  | 3-Nitroaniline           | 1100                  | Ü |  |
| 83-32-9  | Acenaphthene             | 430                   | Ü |  |
| 51-28-5  | 2,4-Dinitrophenol        | 1100                  | Ü |  |
| 100-02-7 | 4-Nitrophenol            | 1100                  | Ü |  |
| 132-64-9 | Dibenzofuran             | 430                   | Ü |  |
| 121-14-2 | 2.4-Dinitrotoluene       | 430                   | u |  |

NYSDEC SAMPLE NO.

## 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND          | LABORA   | TORY, INC.      | С | ontract:        | BG-SOUTH       |
|-----------------|-----------------|----------|-----------------|---|-----------------|----------------|
| Lab Code:       | 10252           | C        | ase No.:        |   | SAS No.:        | SDG No.: PANAM |
| Matrix: (soil/v | water)          | SOIL     |                 |   | Lab Sample ID   | : L62601-65    |
| Sample wt/vo    | ol:             | 30.009   | (g/ml) G        |   | Lab File ID:    | A1298.D        |
| _evel: (low/n   | ned)            | LOW      | _               |   | Date Received   | : 01/12/01     |
| % Moisture:     | 23              | de       | canted:(Y/N)    | N | Date Extracted  | : 01/17/01     |
| Concentrated    | Extract         | Volume:  | 500 (uL)        |   | Date Analyzed   | 02/08/01       |
| njection Volu   | ıme: <u>2</u> . | .0 (uL)  |                 |   | Dilution Factor | 1.0            |
| GPC Cleanur     | o: (Y/N)        | <u>Y</u> | pH: <u>7.39</u> |   |                 |                |
|                 |                 |          |                 |   |                 |                |

| 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 | 7                    |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 430  | U | 7                    |
| 56-55-3   | Benzo(a)anthracene         | 280  | J | 7                    |
| 218-01-9  | Chrysene                   | 320  | J | 7                    |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 620  |   |                      |
| 117-84-0  | Di-n-octyl phthalate       | 430  | U | $\mathbb{C}^{\circ}$ |
| 205-99-2  | Benzo(b)fluoranthene       | 400  | J | <b>]</b>             |
| 207-08-9  | Benzo(k)fluoranthene       | 90   | J | 71                   |
| 50-32-8   | Benzo(a)pyrene             | 260  | J | $] m{\psi}$          |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 430  | U | Ū                    |
| 53-70-3   | Dibenzo(a,h)anthracene     | 430  | 7 | U                    |
| 191-24-2  | Benzo(g,h,i)perylene       | 170  | J | 7                    |

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| S         | EMIV( | DLAT | ILE ( | ORGANICS ANALYSIS DA | AS | HEET  |          |     |
|-----------|-------|------|-------|----------------------|----|-------|----------|-----|
|           | TENT  | ATIV | ELY   | IDENTIFIED COMPOUNDS | 3  | NYSOE | C SAMPLE | Ξ.% |
|           |       |      |       | ••                   |    | l     |          |     |
| Lab Hame: |       |      |       | Contract:            | _  | 1     |          |     |
| 1-5-0-1   |       |      |       |                      |    |       |          |     |

 % Moisture:
 decanted:
 (Y/N)

 Concentrated Extract Volume:
 (Y/L)

Date Analyzed:

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

Number TICs found: 3

CONCENTRATION UNITS:

|             |                | (ming on his wes) (A) (A) |             |            |               |  |
|-------------|----------------|---------------------------|-------------|------------|---------------|--|
| CAS NUMBER  | COMFIGUNO NAME |                           | 57          | EST. CONC. | ie            |  |
| 1.          | Unknown        |                           | 123.55!     | 110        | 138           |  |
| 2.          |                |                           | 127.261     | 140        | 1 3           |  |
| 3.          |                |                           | 36.731      | 520        | 1 1           |  |
| 4.          |                |                           | 1           |            | 1 1           |  |
| 5.          |                | 1                         | 1           |            |               |  |
| ŝ.          |                | 1                         | i           |            | 1 !           |  |
| 7.          |                | I                         | i           |            | 1             |  |
| ε.          |                | i                         | i           |            | ī             |  |
| ę.          |                | 1                         | i           |            | <u> </u>      |  |
| 10.         |                | 1                         | 1           |            | T :           |  |
| 11.         |                | 1                         | i           |            | i             |  |
| 12.         |                | 1                         | 1           |            | l i           |  |
| 13.         |                | 1                         | Į.          |            | !             |  |
| 14.         |                | 1                         | ĺ           |            | i             |  |
| 15.         |                | i                         | !           | l          |               |  |
| 16.         |                | Ť                         | i           | !          |               |  |
| 17.         |                | Ì                         | <u> </u>    | i          |               |  |
| 15.         |                | Ť                         | i           |            |               |  |
| 19.         |                | Ť                         |             | Ī          | <del></del> i |  |
| 20.         |                | Ť                         | i           | 1          |               |  |
| 21.         |                | Ť                         | i           | i          |               |  |
| 22.         |                | T                         | 1           | i          |               |  |
| 23.         |                | Ť                         | i           | 17         | <del></del> i |  |
| 24.         |                | İ                         | i           | 1          |               |  |
| 25.         |                | <del>i</del>              | <u>-</u>    | <u>i</u>   |               |  |
| 25.         |                | Ť                         | <u> </u>    | 1          |               |  |
| 27.         |                | <del>i</del>              | i           | 1          |               |  |
| 23.         |                | Ì                         | <del></del> | i          |               |  |
| 23.         |                | İ                         |             | <u>-</u>   |               |  |
| <b>1</b> G. |                | İ                         | <u>.i</u>   | i          | <del>i</del>  |  |
|             |                |                           |             |            |               |  |

FORM I-CLF-SV-TIC

V5,29/01

NYSDEC SAMPLE NO.

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND LABORATORY, INC. Contract: |        |             | BG-IV-IVVA |                  |               |
|-----------------|-----------------------------------|--------|-------------|------------|------------------|---------------|
| Lab Code:       | 10252                             | Cas    | se No.:     | SA         | AS No.:          | DG No.: PANAM |
| Matrix: (soil/w | vater)                            | SOIL   | •           |            | Lab Sample ID:   | L62601-66     |
| Sample wt/vo    | ol:                               | 30.032 | (g/ml) G    |            | Lab File ID:     | A1317.D       |
| _evei: (low/n   | ned)                              | LOW    | _           |            | Date Received:   | 01/12/01      |
| % Moisture:     | 25.6                              | dec    | anted:(Y/N) | N          | Date Extracted:  | 01/17/01      |
|                 |                                   |        |             |            |                  |               |
| njection Volu   | ıme: <u>2.</u>                    | 0 (uL) |             |            | Dilution Factor: | 1.0           |
| GPC Cleanup     | o: (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-Chloroprop | ane) 450              | U              |          |
| 106-44-5 | 4-Methylphenol           | 450                   | U              | $\Box$ R |
| 621-64-7 | N-Nitrosodi-n-propylamin | e 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              | 1        |
| 111-91-1 | bis(2-Chloroethoxymetha  | ine) 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                   | Ū              |          |
| 106-47-8 | 4-Chloroaniline          | 450                   | U              |          |
| 87-68-3  | Hexachlorobutadiene      | 450                   | U              | 7        |
| 59-50-7  | 4-Chloro-3-methylphenol  |                       | U              | R        |
| 91-57-6  | 2-Methylnaphthalene      | 450                   | U              | 7''      |
| 77-47-4  | Hexachlorocyclopentadie  |                       | U              | 7        |
| 88-06-2  | 2,4,6-Trichlorophenol    | 450                   | U              | R        |
| 95-95-4  | 2,4,5-Trichlorophenol    | 1100                  | U              | 7        |
| 91-58-7  | 2-Chloronaphthalene      | 450                   | U              |          |
| 88-74-4  | 2-Nitroaniline           | 1100                  | U              | $\neg$   |
| 131-11-3 | Dimethyl phthalate       | 450                   | Ū              | 7        |
| 208-96-8 | Acenaphthylene           | 450                   | U              |          |
| 606-20-2 | 2,6-Dinitrotoluene       | 450                   | Ü              |          |
| 99-09-2  | 3-Nitroaniline           | 1100                  | Ü              | 7        |
| 83-32-9  | Acenaphthene             | 450                   | Ū              |          |
| 51-28-5  | 2,4-Dinitrophenol        | 1100                  | <del>- ŭ</del> | JR       |
| 100-02-7 | 4-Nitrophenol            | 1100                  | Ū              | -1)`     |
| 132-64-9 | Dibenzofuran             | 450                   | <del>-</del> Ŭ | 7        |
| 121-14-2 | 2,4-Dinitrotoluene       | 450                   | ü              | 7        |

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|                  |           | BG-N-NW |
|------------------|-----------|---------|
| LABORATORY, INC. | Contract: | 1 20    |

| 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

Lab Name: FRIEND

# **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 | _R          |
| 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 | $\exists R$ |
| 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 | R           |
| 85-68-7   | Butylbenzyl phthalate      | 450  | U | 7           |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 450  | U | ] [         |
| 56-55-3   | Benzo(a)anthracene         | 450  | U | 71          |
| 218-01-9  | Chrysene                   | 450  | U | 7           |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 2000 |   | \ \a        |
| 117-84-0  | Di-n-octyl phthalate       | 450  | U | 78          |
| 205-99-2  | Benzo(b)fluoranthene       | 450  | U | 7 1         |
| 207-08-9  | Benzo(k)fluoranthene       | 450  | U | 7/          |
| 50-32-8   | Benzo(a)pyrene             | 450  | U | 71          |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 450  | U | 7           |
| 53-70-3   | Dibenzo(a,h)anthracene     | 450  | U | 71          |
| 191-24-2  | Benzo(g,h,i)perylene       | 450  | U | 7           |

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|                        | TENTATIVELY IDEN                        | ITIFIED COMPO | SONU     | HYSOEC SAME                          | PLE NO. |
|------------------------|---|---------------|----------|--------------------------------------|---------|
| Lat Name:              |   | Contract      |          | · 1                                  | ;       |
| Lab Code:              |   | SAS No.:      | •        | STG No.:                             |         |
| Matrix: (scil/vater) _ |   |               | Lab Sai  | mpie 10: Llo 260                     | 1-66    |
| Sample wdvol!          | (c/mi.)                                 |               | Lab File | 10: A1317.                           | ]       |
| Level: (low/med) _     |   |               | Date Re  | Isakreś:                             |         |
| % Moisture: decante    | ed: (Y/N)                               |               |          | laced:                               |         |
| Concentrated Extract   | Volume: (:::)                           | •             |          | siysed:                              |         |
| Injection Volume:      | <u>(::L)</u>                            |               |          | Factor                               |         |
| GPC Cleanup: (Y/N)     | _ ===================================== |               |          |                                      |         |
| Number TICs found:_    | ( <sub>0</sub> ·                        |               |          | ENTRATION UNITS:<br>.er.pg/kg) (4) K | 7       |
| CAS NUMBER             | COMPICUNO NAME                          |               | RT       | EST. CONC.                           | i e     |
| 1.                     | Unknown                                 | 111.          | 50       | ! 110                                | ! 5     |
| 2.                     |   | 111.0         | 76       | 120                                  | !       |
| 3.                     |   | 14.           | 42       | 120                                  | 1       |
| 4.<br>5.               |   |               | 56 1     | 130                                  |         |
|                        |   |               | 79       | 110                                  | 1       |
| 6.                     | <u> </u>                                | ! 23          | اطا      | 190                                  | JB      |
| <i>i</i> .             |   | 1             | į.       |                                      | :       |

11. 12. 13. 14. 15. 1ĉ. 17. 15. 19. 2G. 21. 22. 23. 24. 25. 25. 27. 23. 23.

FORM I-CLF-SV-TIC

11/2/01

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# 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 II   | D: L62601-66, 5X   |
| Sample wt/v    | ol:     | 30.032 (g/ml) G  | Lab File ID:    | A1292.D            |
| Level: (low/r  | med)    | LOW              | Date Receive    | d: <u>01/12/01</u> |
| % Moisture:    | 25.6    | decanted:(Y/N)   | N Date Extracte | d: <u>01/17/01</u> |
| Concentrated   | Extract | Volume: 500 (uL) | Date Analyze    | d: 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 o             | (ug/L or ug/Kg) UG/KG |   |  |
|----------|------------------------------|-----------------------|---|--|
| 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                  | Ü |  |
| 606-20-2 | 2,6-Dinitrotoluene           | 2200                  | Ū |  |
| 99-09-2  | 3-Nitroaniline               | 5600                  | Ü |  |
| 83-32-9  | Acenaphthene                 | 2200                  | Ü |  |
| 51-28-5  | 2,4-Dinitrophenol            | 5600                  | Ü |  |
| 100-02-7 | 4-Nitrophenol                | 5600                  | Ū |  |
| 132-64-9 | Dibenzofuran                 | 2200                  | Ū |  |
| 121-14-2 | 2,4-Dinitrotoluene           | 2200                  | Ū |  |

1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BG-N-NW DL

| Lab Name:      | FRIEND    | LABORATORY, INC. | Contrac | <b>対:</b>  |                  |
|----------------|-----------|------------------|---------|--|------------------|
| Lab Code:      | 10252     | Case No.:        | SAS     | No.: S   | DG No.: PANAM    |
| Matrix: (soil/ | water)    | SOIL             |         | Lab Sample ID:   | L62601-66, 5X    |
| Sample wt/ve   | ol:       | 30.032 (g/ml) G  |         | Lab File ID:   | A1292.D          |
| Level: (low/r  | med)      | LOW              |         | Date Received:   | 01/12/01         |
| % Moisture:    | 25.6      | decanted:(Y/N)   | N_      | Date Extracted:  | 01/17/01         |
| Concentrated   | i Extract | Volume: 500 (uL) | 1       | Date Analyzed:   | 02/07/01         |
| Injection Volu | ume: 2.   | 0 (uL)           | 1       | Dilution Factor  | <sup>*</sup> 5.0 |
| GPC Cleanu     | n: (V/N)  |                  |         | A Professional Contraction of the Contraction of th |                  |

CONCENTRATION UNITS:

| CAS NO. COMPOUND |                            | (ug/L or/ug/Kg) UG/KG |   |  |
|------------------|----------------------------|-----------------------|---|--|
| 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          | Butyibenzyl 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                  | C |  |
| 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 HYSDEC SAMPLE NO.

|                        | 12.1111122110211 |               |          | . 1                            |                | <u>.</u><br>.1 |
|------------------------|------------------|---------------|----------|--------------------------------|----------------|----------------|
| Lab Name:              | •                | Contract _    |          | •                              |                |                |
| Lab Code:              | Case No.:        | SAS No.:      |          | SEG No                         | s.:            |                |
| Matrix: (soil/water) _ |                  |               | Lab      | Sample ID: L                   | 62601-         | 66             |
| Sample wovoils.        | ( <u>c/:::)</u>  |               |          | Fie 10: A 17                   |                | _              |
| Level: (low/med) _     |                  |               |          | Raceivad:                      |                |                |
|                        |                  |               |          |                                |                | _              |
| % Meisture: decanti    |                  |               | Date     | <b>ਹਿਸ਼ਵ±:</b>                 |                | _              |
| Concentrated Extract   | Yolume: (;::)    |               |          | Analyzed:                      | _              |                |
| Injection Volume:      | (57)             |               | 00ناوات  | ca FactorC                     | 5              | -              |
| GPC Cleanup: (Y/N)     | ) ;=             |               |          |                                |                |                |
| Number TICs (cund:_    | <u>D</u> .       |               |          | NCENTRATION<br>Jejl or pęjligi |                |                |
| CAS NUMBER             | COMPICUND NAME   |               | 1 57     | EST.                           | CONC. I        | G              |
| 1.                     |                  |               | 1        | !                              | !              |                |
| 2.                     |                  |               |          | 1                              | }              |                |
| 3.                     |                  |               | 1        |                                | l              |                |
| 4.                     |                  |               | 1        | 1                              |                |                |
| 5.                     |                  |               |          |                                | 1              |                |
| 6.                     |                  |               | <u> </u> | <u> </u>                       |                |                |
| 7.                     |                  |               | !        |                                | <del></del>    |                |
| ε.<br>ς.               |                  |               |          | <u> </u>                       | <u></u>        |                |
| 10.                    |                  |               |          | <del>-</del>                   | <del>- !</del> |                |
| 11.                    |                  |               |          | <u>'</u>                       | i              |                |
| 12.                    |                  | <del></del> j |          | <del>i</del>                   | <u>.</u> i     |                |
| 13.                    |                  | i             |          | <u> </u>                       | <u> </u>       | i              |
| 14.                    |                  | 1             |          | T                              |                | j              |
| 15.                    |                  | İ             |          | !                              | i              |                |
| 16.                    |                  |               |          | 1                              | !              |                |
| 17.                    |                  | 1             |          | !                              | i              |                |
| 15.                    |                  |               |          | <u> </u>                       | <del> </del>   |                |
| 19.                    |                  |               |          | <u> </u>                       |                |                |
| 20.                    |                  |               |          | <u> </u>                       | <u> </u>       | <del></del> ;  |
| 22.                    |                  |               |          | 1                              |                | <u>i</u>       |
| 23.                    |                  |               |          | 1 4                            |                |                |
| 24.                    |                  |               |          |                                | <del></del>    |                |
| 25.                    |                  | <del></del>   |          | 1                              | <del></del>    |                |
| 25.                    |                  | <del></del>   |          |                                | 1              |                |
| 27.                    |                  | <u> </u>      | 1        |                                | 1              |                |

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# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND    | LABORAT   | ORY, INC.   | _ Contrac | t: Տս           | RINSATE #1        |
|----------------|-----------|-----------|-------------|-----------|-----------------|-------------------|
| Lab Code:      | 10252     | Cas       | se No.:     | SAS       | No.:            | SDG No.: PANAM    |
| Matrix: (soil/ | water)    | WATER     | _           | ı         | .ab Sample ID   | : L62601-69       |
| Sample wt/ve   | ol:       | 600       | (g/ml) ML   |           | ab File ID:     | A1148.D           |
| Level: (low/r  | ned)      | LOW       | _           | [         | Date Received   | : 01/12/01        |
| % Moisture:    |           | dec       | anted:(Y/N) | N [       | Date Extracted  | : <u>01/17/01</u> |
| Concentrated   | d Extract | Volume: 1 | 000 (uL)    |           | Date Analyzed   | 01/19/01          |
| Injection Volu | ume: 2.   | .0 (uL)   |             |           | Dilution Factor | 1.0               |

GPC Cleanup: (Y/N) N pH:

## **CONCENTRATION UNITS:**

|          |                            | CONCENTION ON TO.    | _ |  |
|----------|----------------------------|----------------------|---|--|
| CAS NO.  | COMPOUND                   | (ug/L or ug/Kg) UG/L | Q |  |
| 108-95-2 | Phenol                     | 17                   | U |  |
| 111-44-4 | bis(2-Chloroethylether)    | 17                   | Ų |  |
| 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-Chloropropan | e) 17                | U |  |
| 106-44-5 | 4-Methylphenol             | . :17                | U |  |
| 621-64-7 | N-Nitrosodi-n-propylamine  | 17                   | C |  |
| 67-72-1  | Hexachloroethane           | 17                   | C |  |
| 98-95-30 | Nitrobenzene               | 17                   | C |  |
| 78-59-1  | Isophorone                 | 17                   | C |  |
| 88-75-52 | 2-Nitrophenol              | 17                   | U |  |
| 105-67-9 | 2,4-Dimethylphenol         | 17                   | U |  |
| 111-91-1 | bis(2-Chloroethoxymethane  | e) 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                   | C |  |
| 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                   | C |  |
| 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                   | Ü |  |
| 83-32-9  | Acenaphthene               | 17                   | Ü |  |
| 51-28-5  | 2,4-Dinitrophenol          | 42                   | Ū |  |
| 100-02-7 | 4-Nitrophenol              | 42                   | Ü |  |
| 132-64-9 | Dibenzofuran               | 17                   | Ū |  |
| 121-14-2 | 2,4-Dinitrotoluene         | 17                   | Ü |  |

#### 1C

### NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND  | LABORAT   | ORY IN  | VC.    | Contract: |             | RINSATE #1    |
|----------------|---------|-----------|---------|--------|-----------|-------------|---------------|
| Lab Code:      | 10252   |           | se No.: |        | SAS No.   | :S          | DG No.: PANAM |
| Matrix: (soil/ | vater)  | WATER     | _       |        | Lab       | Sample ID:  | L62601-69     |
| Sample wt/vo   | ol:     | 600       | (g/ml)  | ML     | Lab       | File ID:    | A1148.D       |
| Level: (low/n  | ned)    | LOW       | _       |        | Date      | e Received: | 01/12/01      |
| % Moisture:    |         | dec       | anted:( | Y/N) N | Date      | Extracted:  | 01/17/01      |
| Concentrated   | Extract | Volume: 1 | 000     | (uL)   | Date      | Analyzed:   | 01/19/01      |

Injection Volume: 2.0 (uL)

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

**CONCENTRATION UNITS:** 

Dilution Factor: 1.0

| 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   | J |
| 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   | Ū |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 17   | U |
| 53-70-3   | Dibenzo(a,h)anthracene     | 17   | Ü |
| 191-24-2  | Benzo(g,h,i)perylene       | 17   | Ū |

| -                   |                  | IIVOLATILE ORGA<br>ENTATIVELY IDEN      |              |                |                         | <b>-</b> 11- |                 |
|---------------------|------------------|---|--------------|----------------|-------------------------|--------------|-----------------|
|                     |                  |   | TIFIED COMP  |                | HYSOEC SAMPL            |              |                 |
| Lab Name:           |                  |   | Contract:    |                |                         | <u>:</u>     |                 |
| Lab Code:           | (                | Case No.:                               | SAS No.:     | · ,            | SCG No.:                |              |                 |
| Matrix: (sail/vater | ·)               | -                                       |              | Lab Sam;       | ie 10: <u>Llo2lo</u> 01 | <u>-69</u>   |                 |
| Sample wdvollar     | (c/:: <u>`</u> ) |   |              | Lab Fie 10     | : A1148.d               |              |                 |
| Levei: (low/med)    |                  |   |              |                | irrad:                  |              |                 |
| % Moistura: daca    | anled: (Y/N)     |   |              |                | c:d:                    |              |                 |
| Concentrated Extr   |                  |   | •            | Data Anaiy     | ned:                    |              |                 |
| Injection Volume:   |                  |   |              |                | =:c                     |              | 04417h          |
| GPC Cleanup: (Y.    |                  |   |              |                |                         |              | 24917Þ<br>B. [[ |
| Number TICs found   |                  | -                                       |              |                | TRATION UNITS:          |              | 1/23            |
| CAS NUMBER          |                  | COMPICUND NAME                          | 1            | ST             | EST. CONC.              | ie           | ī               |
| 1.                  |                  |   | ļ            | !              |                         | !            |                 |
| 2.                  |                  |   | )            |                |                         | !            | ì               |
| 3.                  |                  |   |              | 1              |                         | 1            | 1               |
| 4.                  |                  |   | 1 .          |                |                         | 1            | <u> </u>        |
| 5.                  | 1                |   |              |                |                         | !            | _               |
| 5.<br>7.            | +                |   |              | !_             |                         | !            | <u> </u>        |
| ε.                  |                  |   |              | <u> </u>       |                         | <del>!</del> | <u>:</u>        |
| ç.                  | -                |   |              | i              |                         | !            | !               |
| 10.                 |                  |   |              |                |                         | <u> </u>     | <i>i</i>        |
| 11.                 | i                |   |              | <u>-</u>       |                         | <u> </u>     |                 |
| 12.                 |                  |   | <del>i</del> | <del>-</del> - |                         |              |                 |
| 13.                 |                  |   | i            | !              |                         | i            |                 |
| 14.                 |                  |   | 1            | 1              |                         | j            | `               |
| 15.                 |                  |   | į ·          | !              | ı                       |              |                 |
| 16.                 | -                |   |              |                | - !                     |              |                 |
| 17.                 | -                |   |              | !_             | i                       |              |                 |
| 19.                 | 1                | *************************************** |              |                | ·                       |              |                 |
| 20.                 |                  |   |              |                |                         |              |                 |
| 21.                 |                  |   |              |                |                         |              |                 |
| 22.                 |                  |   |              |                |                         |              |                 |
| 23.                 |                  |   | <del></del>  | <del></del>    | i,                      |              |                 |
| 24.                 |                  |   |              | i              | i                       | .            |                 |
| 25.                 |                  |   | ĺ            | $\overline{}$  | 1                       | i            |                 |
| 25.                 |                  |   |              |                | 1                       | !            | -               |
| 27.                 |                  |   |              | !              |                         |              |                 |

FORMI-CLF-SV-TIC

1/3/1/32/01

10/35

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23. 23. 20.

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COMPOUND

CAS NO.

| SEMIVOLA | ATILE OF | RGANICS | ANALYSIS | DATA | SHEET |
|----------|----------|---------|----------|------|-------|

| t≪6 | RINSATE #2 | 74 |
|-----|------------|----|
|-----|------------|----|

Q

NYSDEC SAMPLE NO.

| Lab Name:      | FRIEND    | LABORA  | TORY, INC.   | Contract: | TOPICITACE KINDYLE #5       |
|----------------|-----------|---------|--------------|-----------|-----------------------------|
| Lab Code:      | 10252     | Ca      | se No.:      | SAS No.:  | SDG No.: PANAM              |
| Matrix: (soil/ | water)    | WATER   |              | <br>Lab S | Sample ID: <u>L62601-70</u> |
| Sample wt/vo   | ol:       | 820     | (g/ml) ML    | Lab F     | File ID: A1149.D            |
| Level: (low/r  | ned)      | LOW     | _            | Date      | Received: 01/12/01          |
| % Moisture:    |           | de      | canted:(Y/N) | N Date    | Extracted: 01/17/01         |
| Concentrated   | i Extract | Volume: | 1000 (uL)    | Date      | Analyzed: 01/20/01          |
| Injection Volu | ume: 2    | .0 (uL) |              | Diluti    | on Factor: 1.0              |
| GPC Cleanu     | p: (Y/N)  | N       | pH:          |           |                             |
|                |           |         |              |           |                             |

# **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/L

| 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 | Ü |
| 106-44-5 | 4-Methylphenol               | 12 | Ċ |
| 621-64-7 | N-Nitrosodi-n-propylamine    | 12 | כ |
| 67-72-1  | Hexachloroethane             | 12 | J |
| 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 | Ū |
| 83-32-9  | Acenaphthene                 | 12 | Ū |
| 51-28-5  | 2,4-Dinitrophenol            | 30 | Ū |
| 100-02-7 | 4-Nitrophenol                | 30 | Ū |
| 132-64-9 | Dibenzofuran                 | 12 | Ū |
| 121-14-2 | 2,4-Dinitrotoluene           | 12 | U |

1C

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND          | LABORAT    | ORY, INC.    | Co | ntract:      |        | RINSATE #2   |
|-----------------|-----------------|------------|--------------|----|--------------|--------|--------------|
| Lab Code:       | 10252           | Ca         | se No.:      |    | SAS No.:     | SD     | G No.: PANAM |
| Matrix: (soil/v | vater)          | WATER      |              |    | Lab Sample   | ID: L  | .62601-70    |
| Sample wt/vo    | ol:             | 820        | (g/ml) ML    |    | Lab File ID: | Ä      | 1149.D       |
| Level: (low/n   | ned)            | LOW        | _            |    | Date Receiv  | ed: 0  | 1/12/01      |
| % Moisture:     |                 | ded        | canted:(Y/N) | N  | Date Extrac  | ted: 0 | 1/17/01      |
| Concentrated    | Extract         | Volume: _1 | 1000 (uL)    |    | Date Analyz  | ed: 0  | 1/20/01      |
| Injection Volu  | ıme: <u>2</u> . | .0 (uL)    |              |    | Dilution Fac | tor: 1 | .0           |
| GPC Cleanup     | o: <b>(Y/N)</b> | N          | pH:          |    |              |        |              |

## CONCENTRATION UNITS:

| CAS NO.   | O. COMPOUND                |  | (ug/L or ug/Kg) UG/L |   |  |
|-----------|----------------------------|--|----------------------|---|--|
| 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   | Butyibenzyi 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 HYSDEC SAMPLE NO. Lat Name:\_\_\_ Contract Lab Code:\_\_\_\_\_ SCG No.:\_ Case No.:\_\_\_ SAS No.: Las Sample 10: <u>L626</u>01-70 Matrix: (sailAvater) \_\_\_\_\_ Las Fie 10: A1149 d Sample w/vol... (c/mi) Levei: (low/med) Date Received: % Moisture: decanted: (Y/N) Date Estraced: Concentrated Extract Volume: \_\_\_\_\_\_(;;;) Data Analyzed:\_\_\_\_\_ Injection Volume: \_\_\_\_(µL) Oliution Feato GPC Clasnup: (Y/N) \_\_\_\_ p∺:\_\_ CONCENTRATION UNITS:

| Number TICs found: 0 |               | (hāg ar hāl)(g) |  |              |  |  |  |
|----------------------|---------------|-----------------|--|--------------|--|--|--|
| CAS NUMBER           | COMPOUND NAME | I AT            | I EST. CONC.                                     | ic           |  |  |  |
| 1.                   |               |                 | 1  | 1            |  |  |  |
| 2.                   |               | i               | - <u>i</u>                                       | i            |  |  |  |
| 3.                   |               | i               | i .  | <del>i</del> |  |  |  |
| 4.                   |               | i               | <del>-                                    </del> | I            |  |  |  |
| 5.                   |               | 1               | i  | i            |  |  |  |
| õ.                   |               | i               | i  | - !          |  |  |  |
| 7.                   |               | i ·             | İ  | !            |  |  |  |
| ε.                   |               | Ī               | 1 .  | i            |  |  |  |
| ç.                   |               | 1.              | 1 .  | <u> </u>     |  |  |  |
| 10.                  |               | Ì               |  | <u> </u>     |  |  |  |
| 11.                  |               | i               | İ  | Ī            |  |  |  |
| 12.                  |               | 1               |  | . !          |  |  |  |
| 13.                  |               |                 | !  | !            |  |  |  |
| 4.                   |               |                 |  | 1            |  |  |  |
| 5.                   |               | i ·             | !  | 1            |  |  |  |
| <b>ĉ</b>             |               | 1               |  | ı            |  |  |  |
| 7.                   |               |                 | !  | i            |  |  |  |
| ā.                   |               | 1               | i  | :.           |  |  |  |
| g.                   |               |                 |  |              |  |  |  |
| C.                   |               | 1               |  | 1            |  |  |  |
| 1.                   |               |                 |  | I            |  |  |  |
| 2.                   |               |                 |  | 1            |  |  |  |
| 3.                   |               |                 | ít .   |              |  |  |  |
|                      |               |                 |  | 1            |  |  |  |
| .                    |               |                 |  | }            |  |  |  |
|                      |               | I               |  | !            |  |  |  |
| .                    |               |                 |  | 1 1          |  |  |  |
|                      |               |                 |  | 1            |  |  |  |
|                      |               | 1               |  | l i          |  |  |  |
|                      | 1             | i               |  | 1            |  |  |  |

FORM I-CLP-SV-TIC

/M/1/22/01

10/35

 Lab Name:
 Contract:
 L62601-1

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 アンピールと

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: 2/250 decanted: (Y/N) N Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: /0000 (uL) Date Analyzed: 01/23/dL

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) MG/KG Q

FORM I PCB

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

Extraction:

% Moisture: Ø 15.1 decanted: (Y/N) N

Date Received: 01/11/01

eak 2/5/01

(SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 0000 (uL)

Date Analyzed: 01/23/&

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016 1104-28-2Aroclor-1221 11141-16-5Aroclor-1232 53469-21-9Aroclor-1242 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 |
|--|
|--|

Lab Name:

Contract:

L62601-4 TP-791,2

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

Extraction:

% Moisture: Ø18.5 decanted: (Y/N) N

Date Received: 01/11/01

ear 2/5/01

(SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/23/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016 | 0.02 0.09  |          |
|------------------------|------------|----------|
| 1104-28-2Aroclor-1221  | 0.04 0.91  |          |
| 11141-16-5Aroclor-1232 | 0.02 0.00  |          |
| 53469-21-9Aroclor-1242 | 0.02 0/00  |          |
| 11097-69-1Aroclor-1254 | 0.02 -0.00 | U        |
| 11096-82-5Aroclor-1260 | 0.09       |          |
| Aroclor-1248           | 0.02 0.00  | <u>ט</u> |
|                        | ear 2/5/01 |          |

Lab Name:

Contract:

L62601-5

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: Ø 14.6 decanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/d

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:

CAS NO. COMPOUND

(ug/L or ug/Kg) MG/KG

I-62601-8 Lab Name: Contract:

Lab Code: SAS No.: SDG No.: ASP17 Case No.:

Matrix: (soil/water) SOIL Lab Sample ID: L62601-8

Lab File ID: E2986260 Sample wt/vol: 30.1 (g/mL) G

Date Received: 01/11/01 \* Moisture: 8 20.5 decanted: (Y/N) N ear 1/5/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/1

Concentrated Extract Volume: \0000 (uL) Date Analyzed: 01/24/01

Dilution Factor: 1.0 Injection Volume: 2.0(uL)

Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.8

CONCENTRATION UNITS: Q CAS NO. COMPOUND (ug/L or ug/Kg) MG/KG

0.02 -0.00 U 12674-11-2-----Aroclor-1016 1104-28-2-----Aroclor-1221 0.04 0.01 U 11141-16-5-----Aroclor-1232 0.02 0.00 U 0.02 0.00 U 53469-21-9-----Aroclor-1242 0.02 0/00 U 11097-69-1-----Aroclor-1254 11096-82-5----Aroclor-1260 0.02 0.00 U 0.02 0.00 U --Aroclor-1248 00k 215101

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: O\/(\/O\)

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: \0,000 (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:

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

 Lab Name:
 Contract:
 τρ5

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: //000 (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

CONCENTRATION UNITS:

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

12674-11-2----Aroclor-1016 0.02 -0.00 U 0.04 0.01 U 1104-28-2-----Aroclor-1221 11141-16-5-----Aroclor-1232 0.00 U 0.02 53469-21-9----Aroclor-1242 0.00 U 0.02 0.00 U 11097-69-1-----Aroclor-1254 0.02 11096-82-5-----Aroclor-1260 0/00 U 0.02 0.0Z <del>0.00</del> U -----Aroclor-1248 eak 2/5/01

FORM I PCB

EPA SAMPLE NO.

<del>L62601-</del>II 555

Lab Name:

Contract:

Lab Code:

Case No.: SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-11

Sample wt/vol:

Lab File ID: E2986261

30.0 (g/mL) Gdecanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

% Moisture: 20.1

Date Extracted: 01/16/1

Concentrated Extract Volume: (0000 (uL)

Date Analyzed: 01/24/1

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.4

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254 | 0.02 0.00 U<br>0.04 0.01 U<br>0.02 0.00 U<br>0.02 0.00 U           |
|---|--|
| 11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br>Aroclor-1248  | 0.02 0.00 U<br>0.02 0.00 U<br>0.02 <del>0.00</del> U<br>ear 1/5/01 |

Lab Name: Lab Code:

Case No.: SAS No.:

Contract:

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: 4 15.5 decanted: (Y/N) N Date Received: O\/(11/0)

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted:01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/1

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) MG/KG

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 decanted: (Y/N) N Date Received: 6\/(\langle 0)

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:

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

12674-11-2-----Aroclor-1016 1104-28-2-----Aroclor-1221 0.0Z 0.00 U 0.01 U 0.04 11141-16-5----Aroclor-1232 0.00 U 0.02 53469-21-9-----Aroclor-1242 11097-69-1-----Aroclor-1254 0.00 U 0.02 0 /00 U 0.02 11096-82-5----Aroclor-1260 U 00 % 0.02 -00 U ----Aroclor-1248 0.02 ear 2/5/01

Lab Name:

Contract:

H62601-16 557

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

Extraction:

% Moisture: Ø 17.7 decanted: (Y/N) N

Date Received: 01/11/01

ear 2/5/01 (SepF/Cont/Sonc) SONC

Concentrated Extract Volume: 10000 (uL)

Date Extracted: 01/16/1

Injection Volume:

2.0(uL)

Date Analyzed: 01/24/01 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

Lab Name:

Contract:

L<del>62601-1</del>7 922

Q

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: 4 12.8 decanted: (Y/N) N

Date Received: 01/11/1

ear 215101

Date Extracted: 01/16/01

Extraction: (SepF/Cont/Sonc) SONC

Injection Volume:

2.0(uL)

Date Analyzed: 01/24/01

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

Concentrated Extract Volume: 10000 (uL)

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

10.00 U 0.02

L62601-18 2510 Lab Name: Contract:

SDG No.: ASP17 Lab Code: Case No.: SAS No.:

Matrix: (soil/water) SOIL Lab Sample ID: L62601-18

Lab File ID: E2986268 Sample wt/vol: 30.0 (g/mL) G

% Moisture: -0 12.5 decanted: (Y/N) N eal 2/5/01 Date Received: 01/11/d

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

Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.4

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) MG/KG Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260 | 0.02 0.00 U<br>0.04 0.01 U<br>0.02 0.00 U<br>0.02 0.00 U<br>0.17 0.02 0.00 U |
|---|--|
| Aroclor-1248  | 0.02 0 <del>.00</del> U  |
|   | par 2/5/01   |

L62601-20 TP10

Q

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: & 15.6 decanted: (Y/N) N Date Received: 01/1161

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/1

Concentrated Extract Volume: [0000 (uL)

Date Analyzed: 01/24/1

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

0.02 -0.00/U 0.01 U 0.04 0.Ø0 | U 0.02 0.02

11141-16-5-----Aroclor-1232 53469-21-9-----Aroclor-1242 11097-69-1-----Aroclor-1254 11096-82-5----Aroclor-1260 --Aroclor-1248

12674-11-2----Aroclor-1016

1104-28-2----Aroclor-1221

0 / 00 | U 0.02 0/. 00 U 0.02 <del>d.00</del> 0.02

eak 2/5/01

EPA SAMPLE NO.

L62601-19

Lab Name:

Contract:

TP7,9

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: 2224 decanted: (Y/N) N

Date Received: 01/11/1

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/1

Concentrated Extract Volume: | 0000 (uL)

Date Analyzed: 01/24/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br>Aroclor-1248 | 0.0Z<br>0.04<br>0.0Z<br>0.0Z<br>0.0Z | 0.00 U<br>0.01 U<br>0.00 U<br>0.03 P<br>0.00 U | 7 |
|---|--------------------------------------|--|---|
|---|--------------------------------------|--|---|

ear 2/5/01

345 4/3/01

<del>L62601-35</del> 2217

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 12 val 3/12/01

% Moisture: & 28.1 decanted: (Y/N) N

Date Received: 01/1/01

Date Extracted: 01/19/1

Extraction: (SepF/Cont/Sonc) SONC

Concentrated Extract Volume: /0000 (uL)

Date Analyzed: 01/25/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016 1104-28-2Aroclor-1221 11141-16-5Aroclor-1232 53469-21-9Aroclor-1242 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 | 0.0Z<br>0.05<br>0.0Z<br>0.0Z<br>0.0Z | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.02<br>0.02 |  |
|--|--------------------------------------|--|--|
|--|--------------------------------------|--|--|

eak 2/6/01

Lab Name:

Contract:

L62601-38-5513

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: 4725.5 decanted: (Y/N) N

Date Received: 01/12/01

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: 7.7

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.02 0.00<br>0.04 0.01<br>0.02 0.00<br>0.02 0.00<br>0.02 0.00<br>0.02 0.00 | U<br>U<br>U |
|---|--|-------------|
|---|--|-------------|

413/01

L62601-43

Lab Name:

Contract:

TP3.12

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-43

E2986284

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

12 ear 3/12/01

% Moisture: -0-31-4 decanted: (Y/N) N Date Received: 01/1/1/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: | 0000 (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 0.00 U 0.02 1104-28-2-----Aroclor-1221 0.01 U 0.05 11141-16-5----Aroclor-1232 0.00 U 0.02 53469-21-9-----Aroclor-1242 11097-69-1-----Aroclor-1254 o.bo U 0.0Z 0 **/**00 U 0.02 11096-82-5----Aroclor-1260 0/00 U 0.02 -Aroclor-1248 <del>0.00 |</del> U 0.02

eal 2/6/01

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: & 19.0 decanted: (Y/N) N Date Received: 01/1/01 3/12/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/jl

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

CONCENTRATION UNITS:

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

0.00 U 12674-11-2----Aroclor-1016 0.02 1104-28-2----Aroclor-1221 0.01 U 0.04 0.00 U 11141-16-5----Aroclor-1232 0.02 o.bolu 53469-21-9-----Aroclor-1242 0.02 11097-69-1-----Aroclor-1254 00/00 0.02 o/ 00 | U 11096-82-5-----Aroclor-1260 0.02 <del>៤. ១០</del>|ប ----Aroclor-1248 0.02

Lab Name:

Contract:

L62601-46 5515

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: & 11.3 decanted: (Y/N) N

12 RAR 3/12/01

Date Received: 01/17/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: [0000 (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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02 | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U |  |
|---|--|--|--|
|---|--|--|--|

eak 2/6/01

EPA SAMPLE NO.

L62601-49 5516

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: 01/1/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02 | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>9.00 U |  |
|---|--|--|--|
|---|--|--|--|

EPA SAMPLE NO.

L62601-53

Lab Name:

Contract:

5517

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

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016 1104-28-2Aroclor-1221 11141-16-5Aroclor-1232 53469-21-9Aroclor-1242 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 | 0.0Z<br>0.04<br>0.0Z<br>0.0Z<br>0.0Z<br>0.0Z | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U |
|--|--|--|
|--|--|--|

eal 2/4/01

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

E2986291 Lab File ID:

% Moisture: 0-12.6 decanted: (Y/N) N

Date Received: 01/1/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02 | 0.00 U<br>0.01 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U |
|---|--|--|
|---|--|--|

L62601-58

Lab Name:

Contract:

PGSM

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

E2986292 Lab File ID:

% Moisture: & 12.7 decanted: (Y/N) N

Date Received: 01/14/01 3/12/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: |0000 (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

CONCENTRATION UNITS: CAS NO. COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016 1104-28-2Aroclor-1221 11141-16-5Aroclor-1232 53469-21-9Aroclor-1242 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 | 0.0z<br>0.04<br>0.0z<br>0.0z<br>0.0z<br>0.0z | 0.00 U<br>0.07 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U |  |
|--|--|--|--|
|--|--|--|--|

L62601-59 PGNM

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: 024.7 decanted: (Y/N) N Date Received: 01/1/101

Q

00 U

Concentrated Extract Volume: 10000 (uL)

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/d

Injection Volume: 2.0(uL)

Date Analyzed: 01/25/01 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5

12674-11-2-----Aroclor-1016 1104-28-2-----Aroclor-1221

11141-16-5-----Aroclor-1232

53469-21-9-----Aroclor-1242

11097-69-1-----Aroclor-1254

11096-82-5-----Aroclor-1260

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

-Aroclor-1248

0.09 U 0.02 0.01 U 0.04 0/00 U 0.02 0.02 0.02 **₽-90**|Ū 0.02

0.02

L62601-60

Q

<del>6.00</del> U

Lab Name:

Contract:

TP16-17

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

12 ear 3/12/01

\* Moisture: -018.8 decanted: (Y/N) N

Date Received: 01/1/1/d

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: \0000 (uL)

Date Analyzed: 01/25/dl

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.3

12674-11-2----Aroclor-1016 1104-28-2----Aroclor-1221 11141-16-5-----Aroclor-1232 53469-21-9-----Aroclor-1242 11097-69-1-----Aroclor-1254 11096-82-5-----Aroclor-1260

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

-----Aroclor-1248

|   |                                      |                                      | _ |
|---|--------------------------------------|--------------------------------------|---|
|   | 0.02<br>0.04<br>0.02<br>0.02<br>0.02 | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U | _ |
| 1 | 0.07                                 | q'. 00   U                           |   |

0.02

ear 2/10/01

L62601-61

Lab Name:

Contract:

TP11-19

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

decanted: (Y/N) N

Date Received: 01/1/01

12 ear 3/12/01

% Moisture: 150

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

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

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.0Z<br>0.04<br>0.0Z<br>0.0Z<br>0.0Z<br>0.0Z<br>0.0Z | 0.00 U<br>0.00 U<br>0.00 U<br>0.00 U<br>0.00 U |  |
|---|--|--|--|
|---|--|--|--|

0 al 2/6/01

L62601-64 B6-N-SW

Lab Name:

Contract:

Lab Code:

SAS No.: Case 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 23/12/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/d

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.2

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

Q (ug/L or ug/Kg) MG/KG

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02 | 0.01<br>0.01<br>0.00<br>0.00<br>0.05<br>0.05<br>0.09<br>0 |
|---|--|---|
|---|--|---|

ear 2/4/01

L62601-65

Lab Name:

Contract:

BG-SOUTH

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

Date Received: 01/14/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/d

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4

% Moisture: -0 13.0 decanted: (Y/N) N

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) MG/KG

Q

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br> | 0.0Z<br>0.04<br>0.0Z<br>0.0Z<br>0.0Z | 0.00 U<br>0.01 U<br>0.00 U<br>0.00 U<br>0.20 U<br>0.00 U | 7 |
|---|--------------------------------------|--|---|
|---|--------------------------------------|--|---|

ear 2/6/01

L62601-66

Lab Name:

Contract:

BG-N-NW

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

E2986298 Lab File ID:

% Moisture: & 25.6 decanted: (Y/N) N Date Received: 01/14/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/1

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/1

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

Q (ug/L or ug/Kg) MG/KG

12674-11-2-----Aroclor-1016 0.00 U 0.02 1104-28-2----Aroclor-1221 0.Ø1 U 0.04 11141-16-5-----Aroclor-1232 53469-21-9-----Aroclor-1242 0.00 U 0.02 0.00 U 0.02 I 11097-69-1-----Aroclor-1254 0.09 0-00 U 11096-82-5-----Aroclor-1260 0.02 -Aroclor-1248 <del>0.00</del> U 0.02

ear 2/4/01

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#### 1D PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-69 Lab Name: Contract: Suiface Rinsate Lab Code: SDG No.: ASP17 Case No.: SAS No.: Lab Sample ID: L62601-69 Matrix: (soil/water) WATER 290 (g/mL) ML Sample wt/vol: Lab File ID: E2986305 Date Received: 01/1/01 % Moisture: decanted: (Y/N)\_\_\_ Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/1 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/26/01 Dilution Factor: 1.0 Injection Volume: 2.0(uL) Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.0 CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L Q COMPOUND 12674-11-2----Aroclor-1016 0.34 U 1.7 1104-28-2----Aroclor-1221 U 3.4 0.69 11141-16-5-----Aroclor-1232 53469-21-9-----Aroclor-1242 11097-69-1------Aroclor-1254 U 1.7 34 | U 1.7 U 1,7 U 11096-82-5-----Aroclor-1260 .34

ear 2/6/01

-Aroclor-1248

1.7

1.7

U

#### 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: 01/1/01 3/12/9

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/16/4

Concentrated Extract Volume: [0000 (uL)

Date Analyzed: 01/26/1

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

| 12674-11-2Aroclor-1016<br>1104-28-2Aroclor-1221<br>11141-16-5Aroclor-1232<br>53469-21-9Aroclor-1242<br>11097-69-1Aroclor-1254<br>11096-82-5Aroclor-1260<br>Aroclor-1248 | 0.5 75 55 55 55 55 | 0.15 U<br>0.30 U<br>0.15 U<br>0.15 U<br>0.15 U<br>0.15 U<br>0.15 U |
|---|--------------------|--|
|---|--------------------|--|

eak 2/16/01

#### 1

INORGANIC ANALYSIS DATA SHEET

| ~ | MAC |  |
|---|-----|--|

| Lub | Name: FRIEND_ | LABORATORY,_INC. | Contract: | 20 110            |
|-----|---------------|------------------|-----------|-------------------|
| d.  | Code: 10252_  | Case No.:        | SAS No.:  | SDG No.: TRINIDAD |

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

L vel (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 | С | Q                                      | М                         |     |
|---------------------|-------------|---------------|---|--|---------------------------|-----|
|                     | -           |               |   | _                                      |                           |     |
| 7429-90-5           | Aluminum    | 11100         |   |  | P                         |     |
| _7440-36-0          | Antimony_   | 3.0           | U | JX                                     | P_                        |     |
| _7440-38-2          | Arsenic     | 8.9           |   |  | F_                        |     |
| 7440-39-3           | Barium      | 88.7          |   |  | P                         |     |
| 7440-41-7           | Beryllium   | 0.62          |   |  | $\neg_{P}$                |     |
| 7440-43-9           |             | 0.73          |   |  | P                         |     |
| [7440-70-2 <u>]</u> | Calcium     | 52600         |   | *                                      | P                         |     |
| 7440-47-3           | Chromium    | 13.3          |   |  | $\neg_{P} \neg$           |     |
| _7440-48-4 <u>_</u> | Cobalt      | 7.7           |   |  | P                         |     |
| _7440-50-8_         | Copper      | 23.7          |   |  | $\top_{\mathbf{P}} $      |     |
| 7439-89-6           |             | 17200         |   |  | $\neg_{P} \neg$           |     |
| 7439-92-1           | Lead        | 125           |   | ************************************** | P                         |     |
| 7439-95-4           | Magnesium_  | 16400         |   | *                                      | $\neg_{\mathtt{P}} \neg$  |     |
| _7439-96-5          | [Manganese] | 407           |   |  | $\top_{P} \top$           | -51 |
| _7439-97-6_         | Mercury     | 0.13          |   | TIN                                    | CV                        | Ÿ   |
| 7440-02-0           |             | 17.9          |   |  | ⊤ <sub>P</sub> 1          | 7   |
| 7440-09-7           | Potassium   | 1530          |   |  | $\top_{\mathbf{P}} \lnot$ |     |
| _<br>               |             | 0.23          | U | X                                      | F                         |     |
| 7440-22-4           | Silver      | 0.72          | Ū |  | ₽                         |     |
| 7440-23-5           |             |               |   | U                                      | $\uparrow_{\rm P}$        |     |
| 7440-28-0           |             | 0.23          | Ū |  | F                         |     |
| 7440-62-2           | -           | 23.9          |   |  | P                         |     |
| 7440-66-6           |             | 187           |   | 3F.                                    | P                         |     |
| _                   | Cyanide     |               | U | XX                                     | AS                        |     |
|                     |             |               |   |  | 7-1                       |     |

| olor   | Before: | <br>Clarity Be   | efore: | <br>Texture | :   |
|--------|---------|------------------|--------|-------------|-----|
| oior   | After:  | <br>Clarity Afte | r:     | <br>Artifac | ts: |
| on ໂei | nts:    |                  |        |             |     |
| -      |         |                  |        |             |     |
| -      |         |                  |        |             |     |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| _ |      | _ | _ |       |      | _ |  |
|---|------|---|---|-------|------|---|--|
|   |      |   |   |       |      |   |  |
|   | <br> |   | _ | <br>_ | <br> |   |  |
|   |      |   |   |       |      |   |  |
|   |      |   |   |       |      |   |  |

| ab Name | : FRIEND_LA                        | BORATORY,_ | INC. Contr     | ac  | t:     |                    | TP-TP1,2          |
|---------|------------------------------------|------------|----------------|-----|--------|--------------------|-------------------|
| ab Code | : 10252                            | Case No.   | : SAS          | S 1 | No.:   |                    | SDG No.: TRINIDAL |
| atrix ( | soil/water)                        | : SOIL_    |                |     | Lab Sa | ample              | e ID: L62601-4    |
| evel (l | ow/med):                           | LOW        |                |     | Date 1 | Recei              | ived: 01/11/01    |
| Solids  | :                                  | 81.5       |                |     |        |                    |                   |
|         | Concentra                          | tion Units | (ug/L or mg/k  | g   | dry we | ight               | ): MG/KG          |
|         | CAS No.                            | Analyte    | Concentration  | С   | Q      | М                  | ,                 |
|         | 7429-90-5                          | 7.1        | 8610           | _   |        | P                  |                   |
|         | _7429-90-5 <u>_</u><br>_7440-36-0_ |            | 3.8            |     | 41     | -P $-$             |                   |
|         | _7440-38-0_<br>_7440-38-2_         |            | 3.8            | ₽-  | 7.     | +F-                |                   |
|         | 7440-39-3                          |            | 86.2           | -   |        | T <sub>P</sub>     |                   |
|         | _7440-41-7_                        |            |                | B   |        | T <sub>P</sub>     |                   |
|         | 7440-43-9                          |            | 0.45           |     |        | -F-                |                   |
|         | 7440-70-2                          |            | 85200          | -۲  |        | P                  |                   |
|         | _7440-70-2 <u>_</u><br>_7440-47-3_ |            | 12.4           | _   |        | P                  |                   |
|         | 7440-48-4                          |            | 7.4            |     |        | P                  |                   |
|         | 7440-50-8                          |            | 29.0           |     |        | P                  |                   |
|         | 7439-89-6                          |            | 15400          | _   |        | $\dashv_{P}\dashv$ |                   |
| İ       | 7439-92-1                          | Lead       | 153            | _   |        | $+_{\rm P}$        |                   |
|         | 7439-95-4                          | Magnesium  | 13200          |     |        | +P $-$             |                   |
|         | 7439-96-5                          | Manganese  | 422            |     |        | T <sub>P</sub>     |                   |
| İ       | _7439-97-6_                        | Mercury    | 0.11           |     | JM     | CV                 | <b></b>           |
|         | 7440-02-0                          |            | 16.4           |     |        | TP'                | for               |
|         | 7440-09-7                          |            | 1550           |     |        | +P $-$             | 4/4/01            |
| ŀ       | 7782-49-2                          |            | 0.21           | TT  |        | F                  | 17710             |
|         | 7440-22-4                          |            | 0.68           |     |        | +F-                |                   |
|         | 7440-23-5                          |            | 206            |     |        | P                  |                   |
|         | 7440-28-0                          |            | 0.21           |     |        | TF-                |                   |
|         | 7440-62-2                          |            | 18.8           | -~- |        | P_                 |                   |
| -       | 7440-66-6                          |            | 118            | -   |        | T <sub>P</sub>     |                   |
| ł       | _/440-00-0_                        | Cyanide    | 0.85           | -   | IN     | AS                 |                   |
|         |                                    | Cyanice    | 0.00           |     |        | -AS                |                   |
| ior Bei |                                    |            | larity Before: | _   |        |                    | Texture:          |
| r Aft   | ter:                               | Clar       | ity After:     | _   |        |                    | Artifacts:        |

mments:

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| ab Name  | e: FRIEND LA | BORATORY,  | INC. Contr     | ac   | t:           |                       | TP-SS3            |
|----------|--------------|------------|----------------|--|--------------|-----------------------|-------------------|
|          |              |            |                |  |              |                       | SDG No.: TRINIDAD |
| •        | soil/water)  |            |                |  |              |                       | e ID: L62601-2    |
|          | , ,          |            |                |  |              |                       |                   |
| Tevel (1 | low/med):    | LOW        |                |  | Date 1       | Rece                  | ived: 01/11/01    |
| ₹ Solids | <b>:</b> :   | 84.9       |                |  |              |                       | •                 |
|          | Concentra    | tion Units | (ug/L or mg/k  | g  | dry we       | ight                  | ): MG/KG          |
|          | CAS No.      | Analyte    | Concentration  | С  | Q            | М                     |                   |
|          | 7429-90-5    | Aluminum   | 3630           | -  |              | P                     |                   |
|          | 7440-36-0    |            | 50.8           |  | TX           |                       |                   |
|          | 7440-38-2    |            | 4.2            |  | 324          | F                     |                   |
|          | 7440-39-3    |            | 24.6           | <del>                                     </del> |              | P                     |                   |
|          | 7440-41-7    |            | 0.18           |  |              | $\dashv_{P}$          |                   |
|          | 7440-43-9    | Cadmium    | 0.41           |  |              | P                     |                   |
|          | 7440-70-2    |            | 126000         |  | **           | P                     | •                 |
|          | 7440-47-3    |            | 5.2            |  |              | P                     |                   |
|          | 7440-48-4    |            | 3.6            |  |              |                       |                   |
|          | 7440-50-8    |            | 15.6           |  |              | P                     |                   |
|          | 7439-89-6    |            | 7400           |  |              | P                     |                   |
|          | 7439-92-1    |            | 44.8           |  | . *          | F                     |                   |
|          | 7439-95-4    | Magnesium  | 7420           |  |              | P                     |                   |
|          | [7439-96-5]  | Manganese  | 163            |  |              | P                     |                   |
|          | [7439-97-6]  | Mercury    | 0.045          |  | J/N          | CV                    |                   |
|          | 7440-02-0    |            | 10             |  |              | $\Box \mathtt{P}_{-}$ |                   |
|          | 7440-09-7    | Potassium  | 697            |  |              | P                     |                   |
|          | 7782-49-2    | Selenium   | 0.23           | U  | Ж            | F                     | -1.T              |
|          | 7440-22-4    | Silver     | 0.61           | บ  |              | $\neg_{P}$            | 42                |
|          | 7440-23-5    | Sodium     | 124            | B  | ט            | $\neg$ P $\neg$       | 41461             |
|          | 7440-28-0    | Thallium   | 0.32           |  |              | F                     | • •               |
|          | 7440-62-2    |            | 8.9            |  |              | P                     |                   |
|          | 7440-66-6    |            | 68.1           |  | , est        | $\neg_P$              |                   |
|          |              | Cyanide    | 0.17           | <u>U</u> _                                       | <b>X Y</b> N | AS                    |                   |
|          |              |            |                |  |              |                       |                   |
| Color Be | fore:        | C:         | larity Before: | _  |              |                       | Texture:          |
| olor Af  | ter:         | Clar       | ity After:     |  |              |                       | Artifacts:        |
| Comments | :            |            |                |  |              |                       |                   |
|          |              |            |                |  |              |                       |                   |
|          |              |            |                |  |              |                       |                   |

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

|  | _ | <br> | <br>   |
|--|---|------|--------|
|  |   |      | <br>   |
|  |   |      | $\neg$ |
|  |   |      | - 1    |

| Lab Name: FRIEND_LABORATORY,_INC.  | ah Nama             | . EDTEND IN             | DOD A MODY | TNC Control    |     | <b>.</b> . |       |     | TP-TP3            |
|--|---------------------|-------------------------|------------|----------------|-----|------------|-------|-----|-------------------|
| 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  . T429-90-5 Aluminum 6050 P . T440-36-0 Antimony 3.2 B P . T440-39-3 Barium 68.6 P . T440-39-3 Barium 68.6 P . T440-43-9 Cadmium 0.65 P . T440-43-9 Cadmium 0.65 P . T440-47-3 Chromium 9.6 P . T440-47-3 Chromium 9.6 P . T440-48-4 Cobalt 5.0 B P . T439-89-6 Iron 14300 P . T439-92-1 Lead 126 P . T439-95-4 Magnesium 13800 P . T439-95-5 Manganese 283 P . T439-97-6 Mercury 0.003 M CV . T440-02-0 Nickel 13.8 P . T7440-02-0 Nickel 13.8 P . T740-23-5 Sodium 15.4 P . T440-24-0 Thallium 0.21 U F . T440-22-4 Silver 0.68 U P . T440-22-4 Silver 0.68 U P . T440-22-4 Silver 0.68 U P . T440-22-2 Vanadium 15.4 P . T440-66-6 Zinc 170 AS  Color Before: Clarity Before: Texture: Color After: Clarity After: Artifacts:   | Jab Name            | :: EKIEND_LA            | BORATORI,_ | inc. contr     | ac  | :          |       |     |                   |
| Date Received: 01/11/01   Solids: 85.4_   Concentration Units (ug/L or mg/kg dry weight): MG/KG  | Lab Code            | : 10252_                | Case No.   | : SAS          | S I | ٠ <u> </u> |       |     | SDG No.: TRINIDAD |
| Concentration Units (ug/L or mg/kg dry weight): MG/KG  CAS No. Analyte Concentration C Q M  7429-90-5 Aluminum 6050 P P P P P P P P P P P P P P P P P P  | <pre>fatrix (</pre> | soil/water)             | : SOIL     |                |     | Lab Sa     | mple  | e I | D: L62601-5       |
| Cas No. Analyte Concentration C Q M  7429-90-5 Aluminum 6050 P 7440-36-0 Antimony 3.2 B P 7440-38-2 Arsenic 3.9 F 7440-41-7 Beryllium 0.42 B P 7440-43-9 Cadnium 0.65 P 7440-47-3 Chromium 9.6 P 7440-47-3 Chromium 9.6 P 7440-48-4 Cobalt 5.0 B P 7440-50-8 Copper 36.0 P 7439-99-1 Lead 126 P 7439-99-6 Magnesium 13800 P 7439-99-6 Mercury 0.083 P 7439-97-6 Mercury 0.083 P 7440-02-0 Nickel 13.8 P 7782-49-2 Selenium 0.21 U F 7440-22-4 Silver 0.68 U P 7440-28-0 Thallium 0.21 U F 7440-66-6 Zinc 170 As  | Level (1            | ow/med):                | LOW        |                |     | Date F     | lece: | ive | d: 01/11/01       |
| CAS No. Analyte Concentration C Q M  7429-90-5 Aluminum 6050 P 7440-36-0 Antimony 3.2 B 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 63300 P 7440-77-3 Chromium 9.6 P 7440-48-4 Cobalt 5.0 B P 7440-8-4 Cobalt 5.0 B P 7439-89-6 Iron 14300 P 7439-95-1 Lead 126 P 7439-95-1 Magnesium 13800 P 7439-96-5 Manganese 283 P 7439-97-6 Mercury 0.083 P 7439-97-6 Mercury 0.083 P 7440-09-7 Potassium 938 P 7782-49-2 Selenium 0.21 U F 7440-23-5 Sodium 152 P 7440-23-5 Sodium 152 P 7440-23-0 Thallium 0.21 U F 7440-28-0 Thallium 0.21 U F 7440-28-0 Thallium 0.21 U F 7440-28-0 Thallium 0.21 U F 7440-66-6 Zinc 170 P Cyanide 0.16 U AN AS  | Solids              | :                       | 85.4       |                |     |            |       |     |                   |
| T429-90-5   Aluminum   |                     | Concentra               | tion Units | (ug/L or mg/k  | g   | dry wei    | ight) | ):  | MG/KG             |
| T440-36-0  |                     | CAS No.                 | Analyte    | Concentration  | С   | Q          | М     |     |                   |
| 7440-39-3   Barium   |                     | 7440-36-0               | Antimony   | 6050_          | В   | IX         |       |     |                   |
| 7440-43-9   Cadmium  |                     | 7440-39-3               | Barium     | 68.6           |     |            | P     |     |                   |
| T440-47-3   Chromium   |                     | _7440-43-9_             | Cadmium    | 0.65           |     |            | P     |     | ,                 |
| T440-48-4   Cobalt   |                     |                         |            |                |     |            |       |     |                   |
| 7440-50-8   Copper   36.0  |                     | [7440-48-4]             | Cobalt     | 5.0            | В   |            |       |     |                   |
| T439-92-1   Lead   |                     | 7440-50-8               | Copper     | 36.0_          |     |            | P     |     | • .               |
| T439-95-4   Magnesium   13800   P   T439-96-5   Manganese   283   P   T439-97-6   Mercury   0.083   TN   CV   T440-02-0   Nickel   13.8   P   T782-49-2   Selenium   0.21   U   F   T7440-22-4   Silver   0.68   U   P   T7440-23-5   Sodium   152   U   F   T7440-62-2   Vanadium   15.4   P   T7440-66-6   Zinc   170   TN   P   T7440-66-6   Zinc   170   TN   AS   Color Before:   Clarity Before:   Texture:   Clarity After:   Artifacts:   Artifacts:   Clarity After:   Artifacts:   Clarity After:   Artifacts:   Clarity After:   Artifacts:   Clarity After:   Clarity After:   Artifacts:   Clarity After:   Artifacts:   Clarity After:   Clarity After:   Artifacts:   Clarity After:   Artifacts:   Clarity After:   Clarity After:   Artifacts:   Clarity After: |                     | _7439-89-6_             | Iron       |                |     |            |       |     | ·                 |
| 7439-96-5 Manganese  |                     |                         |            |                |     | <i>,</i>   |       |     | J**               |
| 7440-02-0 Nickel 13.8 P 7440-09-7 Potassium 938 P 7782-49-2 Selenium 0.21 U F 7440-22-4 Silver 0.68 U P 7440-23-5 Sodium 152 U F 7440-28-0 Thallium 0.21 U F 7440-62-2 Vanadium 15.4 P 7440-66-6 Zinc 170 P Cyanide 0.16 U AN AS   |                     | _/439-95-4 <sub>_</sub> | Magnesium_ |                |     |            |       |     |                   |
| 7440-02-0 Nickel 13.8 P 7440-09-7 Potassium 938 P 7782-49-2 Selenium 0.21 U F 7440-22-4 Silver 0.68 U P 7440-23-5 Sodium 152 U F 7440-28-0 Thallium 0.21 U F 7440-62-2 Vanadium 15.4 P 7440-66-6 Zinc 170 P Cyanide 0.16 U AN AS  Color Before: Clarity Before: Texture:  C lor After: Clarity After: Artifacts:   |                     | 7439-96-5               | Manganese_ |                |     | 11.        |       | 41  | 4/01              |
| T440-09-7   Potassium   938   P   7782-49-2   Selenium   0.21   U  |                     |                         |            |                |     | N          | 1     |     |                   |
| T782-49-2   Selenium   |                     |                         |            |                |     |            |       |     |                   |
| T440-22-4   Silver   |                     | 7782-49-2               | Selenium   |                | TT  | 34         |       |     |                   |
| Take   Texture:   Te |                     |                         |            |                |     | ~          | _     |     |                   |
| 7440-28-0   Thallium   |                     |                         |            |                |     | 11         |       |     |                   |
| 7440-62-2 Vanadium   |                     | 7440-28-0               | Thallium   |                |     |            |       |     |                   |
| 7440-66-6       Zinc       170       AS       P         Cyanide       0.16       U AN       AS    Color Before: Clarity Before: Clarity After: Artifacts:  |                     | 7440-62-2               | Vanadium   | 15.4           | -~- |            |       |     |                   |
| Cyanide 0.16 U AN AS  Color Before: Clarity Before: Texture: Artifacts: Artifacts:   |                     | 7440-66-6               | Zinc       |                |     | 765.       |       |     |                   |
| Color Before: Clarity Before: Texture: Clor After: Artifacts:  |                     |                         |            |                | TT  | AN         |       |     |                   |
| C lor After: Clarity After: Artifacts:   |                     |                         |            |                |     |            |       |     |                   |
|  | Culor Be:           | fore:                   | c:         | larity Before: |     |            |       |     | Texture:          |
|  | C lor Aft           | ter:                    | Clar       | ity After:     |     |            |       |     | Artifacts:        |
|  | Comments            | :                       |            | -              |     |            |       |     |                   |

#### 1 INORGANIC ANALYSIS DATA SHEET

| NYSDEC | SAMPLE | NO. |
|--------|--------|-----|
|        |        |     |

|    |       |         |              |       |           | SS4 |  |
|----|-------|---------|--------------|-------|-----------|-----|--|
| ab | Name: | FRIEND_ | LABORATORY,_ | _INC. | Contract: |     |  |

latrix (soil/water): SOIL\_\_\_ Lab Sample ID: L62601-8\_\_\_

Tevel (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 | С  | Q        | М                          |
|----------------|--------|------------|---------------|----|----------|----------------------------|
| 7429-          | -90-5_ | Aluminum   | 9540          |    |          | P_                         |
| _7440-         | -36-0_ | Antimony_  | 2.9           | U  | JX       | _P_                        |
| _7440-         | -38-2_ | Arsenic    | 3.1           |    | JZ       | 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          |    | U        | P_                         |
| 7440-          | -47-3_ | Chromium_  | 10.6          |    |          | P_                         |
| _7440-         | -48-4_ | Cobalt     | 5.9           | B_ |          | _P                         |
| 7440-          | -50-8_ | Copper     | 13.0_         |    |          | _P                         |
|                | -89-6_ |            | 14200         |    |          | P_                         |
|                | -92-1_ |            | 32.6          | ٠, |          | F_                         |
| _7439-         | -95-4_ | Magnesium_ | 3070_         |    |          | _P                         |
| _7439-         | -96-5_ | Manganese_ | 214           |    |          | _P                         |
| _7439-         | -97-6_ | Mercury    | 0.049         |    | J/N      | LCV]                       |
| _7440-         | -02-0_ | Nickel     | 12.4_         |    |          | _P                         |
| 7440-          | -09-7  | Potassium_ | 638_          |    |          | _P                         |
| <u>_</u> 7782- | 49-2   | Selenium_  | 0.25          | U_ | 77       | $oxed{F}$                  |
| 7440-          | 22-4   | Silver     | 0.71          | U  |          | _P                         |
| 7440-          | -23-5] | Sodium     | 78.1          | B  | <b>~</b> | $\lceil \mathtt{P} \rceil$ |
| 7440-          | 28-0   | Thallium   | 0.25          | Ü  |          | F                          |
| T440-          | 62-2   | Vanadium_  | 19.1          |    |          | P                          |
| 7440-          | 66-6   | Zinc       | 64.5          |    | - SAT    | P                          |
|                |        | Cyanide    | 0.17          | U  | AIN      | AS                         |
|                |        |            |               |    |          | $\mathbb{L}$               |

-AT 14/01

| olor  | Before: | <br>Clari   | ty Before: | <br>Texture:  |   |
|-------|---------|-------------|------------|---------------|---|
| c or  | After:  | <br>Clarity | After:     | <br>Artifacts | : |
| ommer | nts:    |             |            |               |   |
| -     |         |             |            |               |   |
|       |         |             |            |               |   |

#### 1 INORGANIC ANALYSIS DATA SHEET

| Lab Name: FRIEND_LABO           | ORATORY,_INC. | Contract:    | TP5               |
|---------------------------------|---------------|--------------|-------------------|
| Lab Code: 10252                 | Case No.:     | SAS No.:     | SDG No.: TRINIDAD |
| <pre>fatrix (soil/water):</pre> | SOIL          | Lab Sample   | ID: L62601-10_    |
| Level (low/med):                | LOW           | Date Receive | ed: 01/11/01      |
| : Solids:                       | 84.5          |              |                   |

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

| CAS No.     | Analyte    | Concentration | С        | . Q      | М    |
|-------------|------------|---------------|----------|----------|------|
| 7429-90-5   | Aluminum   | 7270          |          |          | Р    |
| [7440-36-0] | Antimony   | 3.0           | В        | JX       | P    |
| [7440-38-2] |            | 4.2           |          |          | F_   |
| 7440-39-3   |            | 67.6          |          |          | [P]  |
| _7440-41-7_ | Beryllium_ | 0.39          | В        |          | [P_] |
| _7440-43-9_ |            | 0.48_         | $B_{-}$  |          | P_   |
| _7440-70-2_ |            | 74000         |          |          | P_   |
| _7440-47-3_ | Chromium   | 8.5_          |          |          | _P   |
| _7440-48-4_ |            | 6.9_          |          |          | P_   |
| _7440-50-8_ |            | 20.5_         |          | <u> </u> | P_   |
| _7439-89-6_ |            | 15500_        |          |          | _P   |
| _7439-92-1_ |            | 50.1_         |          |          | P_   |
| _7439-95-4_ | Magnesium  | 16100_        |          |          | P_   |
| _7439-96-5_ | Manganese  | 320_          |          |          | _P   |
| _7439-97-6_ |            | 0.056_        |          | 17 N     | [CV] |
| _7440-02-0_ |            | 13.1_         |          |          | _P   |
|             | Potassium_ | 1190_         |          |          | P_   |
| _7782-49-2_ |            | 0.21_         | U_       |          | F_   |
| _7440-22-4_ |            | 0.68_         | ַַ ַ     |          | P_   |
| _7440-23-5_ | Sodium     | 174_          | <b>Z</b> | U        | P_   |
| _7440-28-0_ |            | 0.21_         | Ŭ        |          | [F_  |
| _7440-62-2_ |            | 19.6_         |          |          | [P_  |
| _7440-66-6_ |            | 88.6          |          |          | [P_  |
|             | Cyanide    | 0.41          | B        | J/N_     | AS   |
|             |            |               |          |          |      |

4/4/21

| Color | Before: | <br>Clarity 1   | Before: |          | Texture:  |   |
|-------|---------|-----------------|---------|----------|-----------|---|
| lor   | After:  | <br>Clarity Aft | er:     |          | Artifacts | · |
| Comme | nts:    | <br>            |         |          |           |   |
|       |         |                 | _       | <u> </u> |           |   |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| ab Name  | : FRIEND_LA                            | BORATORY,_                      | INC.    | Contr                      | ac        | t:      |               | SS5              |
|----------|--|---------------------------------|---------|----------------------------|-----------|---------|---------------|------------------|
| Lab Code | : 10252_                               | Case No.                        | :       | SAS                        | 5 N       | Io.: _  |               | SDG No.: TRINIDA |
| _atrix ( | soil/water)                            | : SOIL                          |         |                            |           | Lab S   | ampl          | e ID: L62601-11_ |
| evel (l  | ow/med):                               | LOW                             |         |                            |           | Date 1  | Rece          | ived: 01/11/01   |
| Solids   | :                                      | 79.9                            |         | -                          |           | •       |               |                  |
|          | Concentra                              | tion Units                      | (ug/L   | or mg/k                    | g (       | dry we  | ight          | ): MG/KG         |
|          | CAS No.                                | Analyte                         | Concen  | tration                    | С         | Q       | М             |                  |
|          | _7429-90-5<br>_7440-36-0<br>_7440-38-2 | Aluminum<br>Antimony<br>Arsenic |         | 9150_<br>2.7_<br>6.3       | <u>U_</u> | J×      | PPF           |                  |
|          | _7440-39-3<br>_7440-41-7<br>_7440-43-9 | Beryllium_                      |         | 48.7<br>0.37<br>0.43       | В         |         | PP            |                  |
|          | _7440-70-2_<br>_7440-47-3_             | Calcium_<br>Chromium_           |         | 5740_<br>8.2_              |           | U#      | PP            |                  |
|          | _7440-48-4_<br>_7440-50-8_             | Copper                          |         | 5.0_<br>8.9_               | В_        |         | P_P_          | 4/4/01           |
|          | _7439-89-6<br>_7439-92-1<br>_7439-95-4 |                                 |         | _11500_<br>18.5_<br>_2720\ |           |         | P_<br>F_<br>P | 41-3101          |
| -        | _7439-93-4<br>_7439-96-5<br>_7439-97-6 | Manganese_                      |         | 181<br>0.032               |           | <u></u> | P             |                  |
|          | _7440-02-0_                            | Nickel<br>Potassium             |         | 9.5<br>9.5                 |           |         | P<br>P        |                  |
| -        | _7782-49-2_<br>7440-22-4               | [Selenium_]                     |         | 0.24<br>0.65               |           | X       | F<br>P        |                  |
| -        | 7440-23-5<br>7440-28-0                 | Sodium                          |         | 87.7_<br>0.24              | B         | U       | P<br>F        |                  |
|          | _7440-62-2_<br>7440-66-6               | Vanadium_                       |         | 16.8_<br>16.8_             |           |         | P             |                  |
|          |  | Cyanide                         |         | 0.23_                      | В_        | J_M_    | AS            |                  |
| lor Bef  | fore:                                  | C.                              | larity: | Before:                    |           |         |               | Texture:         |
| lor Aft  | ter:                                   | Clar                            | itv Aft | er:                        |           | _       |               | Artifacts:       |

# 1 INORGANIC ANALYSIS DATA SHEET

| MYSDEC | SAMPLE | NO |
|--------|--------|----|

| Lab Name | e: FRIEND LA  | BORATORY,  | INC. Contr   | act:  |                                       |      | TP5 DUP           |
|----------|---|--|--|-------|---------------------------------------|------|-------------------|
|          | _   | _  |  |       |                                       |      | SDG No.: TRINIDAD |
|          |   |  |  |       |                                       |      |                   |
| fatrix ( | (soil/water)  | : SOIL   |  | La    | b Samp                                | le I | D: L62601-12_     |
| Level (1 | .ow/med):   | LOW  |  | Da    | te Rec                                | eive | ed: 01/11/01      |
| Solids   | s:  | 84.5   |  |       |                                       |      |                   |
|          | Concentra   | tion Units   | (ug/L or mg/k  | g dry | weigh                                 | t):  | MG/KG             |
|          | CAS No.   | Analyte  | Concentration  | С     | Q M                                   |      |                   |
|          | 7429-90-5<br>-7440-36-0<br>-7440-38-2<br>-7440-39-3<br>-7440-41-7<br>-7440-43-9<br>-7440-47-3<br>-7440-48-4<br>-7440-50-8<br>-7439-89-6<br>-7439-95-4<br>-7439-95-4<br>-7439-95-6<br>-7440-02-0<br>-7440-09-7<br>-7782-49-2<br>-7440-23-5<br>-7440-62-2<br>-7440-66-6 | Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium | 0.62<br>50700<br>7.8<br>6.8<br>20.5<br>25100<br>76.4<br>9670 | B J   | P P P P P P P P P P P P P P P P P P P | 7 Y  | +T<br>(4/01       |
| c or Be  | fore:   | c  | larity Before:   |       |                                       | _    | Texture:          |
| o or Af  | ter:  | Clar   | ity After:   |       |                                       |      | Artifacts:        |
| omments  | :   |  |  |       |                                       |      |                   |

# NYSDEC - ASP INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

|        | _                          | _          | INC. Contr     |    |          |                         |       | G No.: TRINIDA |
|--------|----------------------------|------------|----------------|----|----------|-------------------------|-------|----------------|
|        | soil/water)                |            |                |    |          |                         |       | L62601-14_     |
| 1 (2   | - 1                        |            |                |    |          |                         | . ,   | -              |
| vel (I | ow/med):                   | LOM        | ,              |    | Date E   | Rece                    | rved: | 01/11/01       |
| Solids | :                          | 79.3       |                |    |          |                         |       |                |
|        | _                          |            |                |    | _        |                         |       |                |
|        | Concentra                  | tion Units | (ug/L or mg/k  | g  | dry we:  | ight                    | ): M( | G/KG           |
|        | CAS No.                    | Analyte    | Concentration  | С  | Q        | М                       |       |                |
|        | 7420 00 5                  | 77         | 0250           |    |          |                         |       |                |
|        | _7429-90-5_<br>_7440-36-0_ | Aluminum_  | 8250_<br>61.2  | TT | TV       | -P                      |       |                |
|        | _7440-38-0_<br>_7440-38-2_ | Arsenic    | 4.8            | -  | 7_N      | $+_{\rm F}^{\rm P}$     |       |                |
|        | 7440-38-2                  | Rarium     | 74.6           |    |          | $\dashv_{P}^{r} \dashv$ |       |                |
|        |                            | Beryllium  | 0.46           | B  |          | P                       |       |                |
|        | 7440-43-9                  | Cadmium    | 0.55           |    |          | P                       |       |                |
|        | 7440-70-2                  | Calcium    | 130000         |    | *        | P                       |       |                |
|        | 7440-47-3                  |            | 15.2           |    |          | P                       |       |                |
|        | 7440-48-4                  |            | 7.0            |    |          | P                       |       |                |
|        | 7440-50-8                  |            | 37.8           |    |          | P                       |       |                |
|        | 7439-89-6                  | Iron       | 15900          |    |          | P                       |       |                |
|        | 7439-92-1                  | Lead       | 84.5           |    | *        | P                       | 1 JHT | •              |
|        | 7439-95-4                  | Magnesium  | 12100          |    | - Jan    | P                       | 4/4   |                |
|        | _7439-96-5_                | Manganese  | 335            |    |          | P                       | 119   | 75,            |
|        | 7439-97-6                  | Mercury    | 0.036          |    | 丁州       | CV                      |       |                |
|        | [7440-02-0 <u>]</u>        |            | 16.8           |    |          | P                       |       |                |
|        | _7440-09-7 <u>_</u>        |            | 1530_          |    |          | P                       |       |                |
|        | _7782-49-2_                |            | 0.24           |    | X        | F_                      |       |                |
|        | _7440-22-4_                |            | 0.73           |    |          | P                       |       |                |
|        | _7440-23-5_                |            | 186            | K  | <u>U</u> | P                       |       |                |
|        | <u>_</u> 7440-28-0_        | Thallium_  | 0.24           | U  |          | F                       |       |                |
|        | 7440-62-2                  | Vanadium   | 19.5_          |    |          | P                       |       |                |
|        | _7440-66 <b>-</b> 6_       |            | 136_           |    | 124      | P                       |       |                |
|        |                            | Cyanide    | 136<br>0.16_   | U_ | <u></u>  | _AS                     |       |                |
|        |                            |            |                |    |          |                         |       |                |
| or Be  | fore:                      | C          | larity Before: | _  |          |                         | T     | exture:        |
| or Af  | ter:                       | Clar       | ity After:     |    |          |                         | А     | rtifacts:      |
| ments  |                            |            |                |    |          |                         |       |                |
|        | •                          |            |                |    |          |                         |       |                |

## 1 INORGANIC ANALYSIS DATA SHEET

| NYSDEC | SAMPLE | NO. |
|--------|--------|-----|
|        |        |     |

| ab | Name: | FRIEND | LABORATORY, INC. | Contract: | SS7               |  |
|----|-------|--------|------------------|-----------|-------------------|--|
|    |       | 10252  | Case No.:        |           | SDG No.: TRINIDAD |  |

Matrix (soil/water): SOIL\_\_ Lab Sample ID: L62601-16\_

evel (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 | С         | Q   | М    |        |
| - | 7429  | -90-5  | Aluminum   | 8680          |           |     | P    |        |
|   |       |        | Antimony   | 3.1           | U         | JX  | P_   |        |
| Ī |       |        | 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.X | _P_  |        |
|   | 7440  | -47-3_ | Chromium_  | 9.3_          |           |     | _P   | JA1    |
|   |       |        | Cobalt     | 6.0_          | B_        |     | _P   | 414101 |
|   | _7440 | -50-8_ | Copper     | 19.3_         |           |     | P'   |        |
|   | _7439 | -89-6_ | Iron       | 15500_        |           |     | ₽∵   | · '- K |
|   |       | -92-1_ |            | . 74.5        |           |     | _P   |        |
|   |       |        | Magnesium_ | 3060_         | ,         |     | P_   | •      |
|   |       |        | Manganese_ | 320_          |           |     | P_   |        |
|   | _7439 | -97-6_ | Mercury    | 0.087_        |           | 了水  | _cv  |        |
|   | _7440 | -02-0_ | Nickel     | 14.2          |           |     | _P   |        |
|   | 7440  | -09-7_ | Potassium_ | 784_          |           |     | _P   |        |
|   | 7782  | -49-2_ | Selenium   |               | U_        |     | _F_  |        |
| Ĺ | 7440  | -22-4_ | Silver     | 0.74_         | <u>U_</u> |     | _P   |        |
|   | 7440  | -23-5_ | Sodium     | 79.8_         | Z_        | U   | _P   |        |
|   | 7440  | -28-0_ | Thallium_  | 0.26_         | $B_{\_}$  |     | LF_  |        |
|   | 7440  | -62-2  | Vanadium_  | 20.5          |           |     | _P   |        |
|   | 7440  | -66-6  | Zinc       | 97.8          |           |     | _P_  |        |
|   |       |        | Cyanide    | 0.29          | B         | J*N | [AS] |        |
|   |       |        |            |               |           |     |      |        |
| - |       |        |            |               |           |     |      |        |

| Color  | Before: | <br>Clarity Before: | <br>Texture:   |  |
|--------|---------|---------------------|----------------|--|
| Color  | After:  | <br>Clarity After:  | <br>Artifacts: |  |
| Commen | its:    |                     |                |  |
|        |         |                     |                |  |
| _      |         |                     |                |  |

#### 1 INORGANIC ANALYSIS DATA SHEET

|        | GRACET | 370 |
|--------|--------|-----|
| NYSDEC | SAMPLE | NO  |

| Lab Na  | ame: FRIEND LA      | ABORATORY.  | INC. Contr     | act:                                    |                                       |      | SS9               |
|---------|---------------------|-------------|----------------|---|---------------------------------------|------|-------------------|
|         | _                   | _           |                |   |                                       |      |                   |
| Lab Co  | ode: 10252_         | Case No.    | : SAS          | S No.                                   | · :                                   |      | SDG No.: TRINIDAD |
| Matrix  | (soil/water         | ): SOIL     |                | L                                       | ab Sar                                | mple | e ID: L62601-17_  |
| Level   | (low/med):          | LOW         |                | D                                       | ate R                                 | ecei | ived: 01/11/01    |
| % Soli  | lds:                | 87.2        |                |   |                                       |      |                   |
|         | Concentra           | tion Units  | (ug/L or mg/k  | g dr                                    | y wei                                 | ght  | ): MG/KG          |
|         | CAS No.             | Analyte     | Concentration  | С                                       | Q                                     | М    |                   |
|         |                     | Aluminum    | 6910           |   |                                       | P_   |                   |
|         | 7440-36-0           | Antimony_   | 2.8            | UJ                                      | XX                                    | P    |                   |
|         | _7440-38-2          | Arsenic     | 4.9            |   |                                       | F_   |                   |
|         | _7440-39-3          |             | 47.5           |   |                                       | P_   |                   |
|         |                     | _Beryllium_ |                |   |                                       | _P   |                   |
|         |                     | _Cadmium    | 0.44_          | [UU                                     |                                       | _P   |                   |
|         | 7440-70-2           |             | 52000_         |   | <i>*</i>                              | _P   | 74.T              |
|         |                     | _Chromium   | 9.0_           |   |                                       | _P   | 414/01            |
|         | _7440-48-4          |             | 5.3            | LB                                      | ,                                     | _P   |                   |
|         | _7440-50-8          |             | 19.8           |   | /                                     | _P   |                   |
|         | _7439-89-6          |             | 13900          | ١                                       |                                       | _P   | ,                 |
|         | _7439-92 <b>-</b> 1 |             | 62.0           | 1 3                                     | <i>k</i>                              | P    | · •               |
| ******* | _7439-95-4          | Magnesium   | 5230_          | \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \ | ×                                     | P    |                   |
|         |                     | Manganese_  | 256_           | ,                                       | - '                                   | P_   |                   |
|         | [7439-97-6]         | Mercury     | 0.11           | L                                       | ήŃ                                    | CV   |                   |
|         | 7440-02-0           |             | 12.3           |   |                                       | P]   |                   |
|         | 7440-09-7           | Potassium   | 695            |   |                                       | P    |                   |
|         |                     | Selenium    | 0.23           | U                                       | X                                     | F    |                   |
|         | 7440-22-4           |             | 0.66           |   |                                       | P    |                   |
|         | 7440-23-5           |             | 106            |   | 1                                     | P    |                   |
|         | 7440-28-0           |             | 0.23           |   |                                       | F    |                   |
|         |                     | Vanadium    | 18.8           |   |                                       | P    |                   |
|         | 7440-66-6           |             | 85.3           |   | JH.                                   | P    |                   |
|         |                     | Cyanide     | 0.17           | 11 7                                    | *NJ                                   | AS   |                   |
|         |                     |             | V.17           | <u>، حن</u>                             | · · · · · · · · · · · · · · · · · · · | 1    |                   |
|         |                     |             |                |   |                                       |      |                   |
| Color   | Before:             | C.          | larity Before: |   |                                       |      | Texture:          |
| olor    | After:              | Clar        | ity After:     |   |                                       |      | Artifacts:        |
| Commen  | ts:                 |             |                |   |                                       |      |                   |
| _       |                     |             |                |   |                                       |      |                   |
| _       |                     |             |                |   |                                       |      |                   |

#### 1 INORGANIC ANALYSIS DATA SHEET

| NYSDEC | SAMPLE | NO |
|--------|--------|----|
|        |        |    |

2010

| Attrix (soil/water): SOIL  | ab Name | : FRIEND LA   | BORATORY,  | INC. Contr     | ac  | t:          |              | SSIO              |
|--|---------|---------------|------------|----------------|-----|-------------|--------------|-------------------|
| Date Received: 01/11/01   Solids: 77.5_   Concentration Units (ug/L or mg/kg dry weight): MG/KG   CAS No.   Analyte   Concentration   Q   M  | ab Code | -<br>: 10252_ | Case No.   | : SA           | 1 Z | ٠           |              | SDG No.: TRINIDAI |
| Date Received: 01/11/01   Solids: 77.5_   Concentration Units (ug/L or mg/kg dry weight): MG/KG   CAS No.   Analyte   Concentration   Q   M  | atriv ( | soil/water)   | • 5011.    |                |     | Tah Sa      | mpl          | e ID:I.62601-18   |
| 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 M P 7440-38-2 Arsenic 7.9 F 7440-39-3 Barium 62.4 P 7440-41-7 Beryllium 0.46 B P 7440-47-9 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 7439-95-1 Lead 101 P 7439-95-1 Magnesium 5190 P 7439-95-6 Manganese 334 P 7439-97-6 Mercury 0.13 CV 7440-02-0 Nickel 16.0 P 7440-02-0 Nickel 16.0 P 7440-02-4 Silver 0.75 U P 7440-22-4 Silver 0.75 U P 7440-23-5 Sodium 106 U P 7440-23-5 Sodium 106 U P 7440-28-0 Thallium 0.26 U F 7440-66-6 Zinc 134 P 7440-66-6 Zinc 134 P 7440-66-6 Zinc 134 P Cyanide 0.28 B M AS  | ICLIA ( | SOII/ Water)  | . 5011     |                |     | Tab Je      | шрт          | e 1D. H02001 10_  |
| 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 JM 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 7440-47-3 Chromium 11.000 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 7439-95-5 Manganese 334 P 7439-95-6 Marcury 0.13 JM CV 7440-02-0 Nickel 16.0 P 7440-02-0 Nickel 16.0 P 7440-02-1 Silver 0.75 U F 7440-22-4 Silver 0.75 U F 7440-23-5 Sodium 106 U P 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-66-6 Zinc 134 P Cyanide 0.28 B JM AS   | evel (l | .ow/med):     | LOW        |                |     | Date F      | Rece:        | ived: 01/11/01    |
| CAS No. Analyte Concentration C Q M  7429-90-5 Aluminum 9190 P 7440-36-0 Antimony 3.1 U JM P 7440-39-2 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 7440-47-3 Chromium 11.4 P 7440-47-3 Chromium 11.4 P 7440-48-1 Cobalt 7-8 P 7439-89-6 Iron 18500 P 7439-92-1 Lead 101 P 7439-95-4 Magnesium 5190 P 7439-95-4 Magnesium 5190 P 7439-96-5 Manganese 334 P 7440-09-7 Potassium 1250 P 7440-02-0 Nickel 16.0 P 7440-02-0 Nickel 16.0 P 7440-23-5 Sodium 106 P 7440-23-5 Sodium 106 P 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-66-6 Zinc 134 P Cyanide 0.28 B JM AS   | Solids  | ::            | 77.5       | •              |     |             |              |                   |
| CAS No. Analyte Concentration C Q M  7429-90-5 Aluminum 9190 P 7440-36-0 Antimony 3.1 U JM P 7440-39-2 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 7440-47-3 Chromium 11.4 P 7440-47-3 Chromium 11.4 P 7440-48-1 Cobalt 7-8 P 7439-89-6 Iron 18500 P 7439-92-1 Lead 101 P 7439-95-4 Magnesium 5190 P 7439-95-4 Magnesium 5190 P 7439-96-5 Manganese 334 P 7440-09-7 Potassium 1250 P 7440-02-0 Nickel 16.0 P 7440-02-0 Nickel 16.0 P 7440-23-5 Sodium 106 P 7440-23-5 Sodium 106 P 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-66-6 Zinc 134 P Cyanide 0.28 B JM AS   |         | Concentra     | tion Units | (ug/L or mg/k  | σ   | dry wei     | iaht         | ): MG/KG          |
| 7429-90-5 Aluminum 9190 P 7440-36-0 Antimony 3.1 U JW 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 7440-47-3 Chromium 11.4 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 7439-92-1 Lead 101 P 7439-95-4 Magnesium 5190 P 7439-96-5 Manganese 334 P 7439-97-6 Mercury 0.13 JW CV 7440-02-0 Nickel 16.0 P 7440-02-0 Nickel 16.0 P 7440-02-3 Sodium 106 B P 7440-23-5 Sodium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-28-0 Thallium 0.26 U F 7440-66-6 Zinc 134 P Cyanide 0.28 B JW AS   |         |               |            |                |     | ,-          | <del>-</del> | 1                 |
| T440-36-0   Antimony   3.1   U TM   P   T440-38-2   Arsenic   7.9   F   T440-39-3   Barium   82.4   P   P   T440-41-7   Beryllium   0.46   B   P   T440-41-7   Beryllium   0.93   P   T440-70-2   Calcium   12000   P   T440-47-3   Chromium   11.4   P   T440-48-4   Cobalt   7.8   P   T440-48-4   Cobalt   7.8   P   T439-89-6   Iron   18500   P   T439-89-6   Iron   18500   P   T439-95-4   Magnesium   5190   P   T439-95-4   Magnesium   5190   P   T439-97-6   Marcury   0.13   T   CV   T440-02-0   Nickel   16.0   P   T440-02-0   Nickel   16.0   P   T440-02-4   Silver   0.75   U   P   T440-23-5   Sodium   106   U   P   T440-28-0   Thallium   0.26   U   F   T440-66-6   Zinc   134   P   Cyanide   0.28   B   T   As   As   Compared to the solution   Co |         | CAS No.       | Analyte    | Concentration  | С   | Q           | M            |                   |
| T440-36-0   Antimony   3.1   U TM   P   T440-38-2   Arsenic   7.9   F   T440-39-3   Barium   82.4   P   P   T440-41-7   Beryllium   0.46   B   P   T440-41-7   Beryllium   0.93   P   T440-70-2   Calcium   12000   P   T440-47-3   Chromium   11.4   P   T440-48-4   Cobalt   7.8   P   T440-48-4   Cobalt   7.8   P   T439-89-6   Iron   18500   P   T439-89-6   Iron   18500   P   T439-95-4   Magnesium   5190   P   T439-95-4   Magnesium   5190   P   T439-97-6   Marcury   0.13   T   CV   T440-02-0   Nickel   16.0   P   T440-02-0   Nickel   16.0   P   T440-02-4   Silver   0.75   U   P   T440-23-5   Sodium   106   U   P   T440-28-0   Thallium   0.26   U   F   T440-66-6   Zinc   134   P   Cyanide   0.28   B   T   As   As   Compared to the solution   Co |         | 7429-90-5     | Aluminum   | 9190           | -   |             | P            |                   |
| T440-38-2   Arsenic  |         |               |            |                |     | TX          |              |                   |
| 7440-39-3   Barium   |         |               |            |                |     |             | _            |                   |
| T440-41-7   Beryllium  |         |               |            |                |     | _           |              |                   |
| 7440-43-9   Cadmium  |         |               |            |                |     |             |              |                   |
| T440-70-2   Calcium  |         | 7440-43-9     | Cadmium    |                |     | _           |              |                   |
| T440-47-3   Chromium   |         |               |            |                |     | <i>F</i>    |              | -sat              |
| 7440-48-4   Cobalt   |         |               |            |                |     |             |              | 414/21            |
| 7440-50-8   Copper   |         |               |            | 7.8            |     |             |              | 18 1 100          |
| 7439-89-6   Iron   |         |               |            |                |     |             |              |                   |
| T439-92-1   Lead   | _ 1     |               |            | 18500          | 1   | , ,         | _            | و نو .            |
| T439-95-4   Magnesium   S190   P   T439-96-5   Manganese   334   P   T439-97-6   Mercury   0.13   Mercury   CV   T440-02-0   Nickel   16.0   P   T782-49-2   Selenium   0.26   U   F   T782-49-2   Selenium   0.26   U   P   T740-22-4   Silver   0.75   U   P   T740-23-5   Sodium   106   U   P   T740-68-0   Thallium   0.26   U   F   T740-66-6   Zinc   134   P   T740-66-6   Zinc   134   P   T740-66-6   Zinc   Cyanide   0.28   B   Mercury   Artifacts:   Lor After:   Clarity After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Artifacts:   Lor After:   Lor After:   Artifacts:   Lor After:   Lor After:   Artifacts:   Lor After:   Lor After:   Artifacts:   Lor After:   Lor After:   Lor After:   Artifacts:   Lor After:   Lor | •       |               |            |                |     | - Alexander | _            | ,                 |
| T439-96-5   Manganese   334  |         |               |            |                |     |             |              | ••                |
| 7439-97-6       Mercury       0.13       Image: square strength of the content of t   |         |               |            |                |     | · · · · ·   |              | ,                 |
| 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 M AS  lor Before: Clarity Before: Texture:  lor After: Clarity After: Artifacts:   |         |               |            |                |     | JM          | _            |                   |
| Table   Texture:   |         |               |            |                |     |             |              |                   |
| Total   Texture   Textur |         |               |            |                |     |             |              | •                 |
| 7440-22-4   Silver   |         |               |            |                | _   | X           |              |                   |
| 7440-23-5   Sodium   |         |               |            |                |     |             |              |                   |
| T440-28-0   Thallium   |         |               |            |                |     |             | _            |                   |
| 7440-62-2       Vanadium       21.3       P         7440-66-6       Zinc       134       P         Cyanide       0.28       B       AS    lor Before: Clarity Before: Artifacts: Artifacts:  |         |               |            |                |     | <u> </u>    |              |                   |
| 7440-66-6       Zinc       134       P         Cyanide       0.28       B       AS         lor Before:       Clarity Before:       Texture:         lor After:       Clarity After:       Artifacts:   |         |               | _          |                |     |             | _            |                   |
| Cyanide  |         |               |            |                |     |             | ╅╬┪          |                   |
| lor Before: Clarity Before: Texture:<br>lor After: Clarity After: Artifacts:   |         |               |            |                |     | 5 K         |              |                   |
| lor After: Clarity After: Artifacts:   |         |               | _Cyanitac  | 0.20_          | 1   | <u></u>     |              |                   |
| lor After: Clarity After: Artifacts:   |         |               |            |                |     |             |              |                   |
|  | lor Be  | fore:         | C          | larity Before: | _   |             |              | Texture:          |
| mments:  | lor Af  | ter:          | Clar       | ity After:     | _   |             |              | Artifacts:        |
| mments;  |         |               |            |                |     |             |              |                   |
|  | numents | •             |            |                |     |             |              |                   |
|  | -       |               |            |                |     |             |              |                   |
| · · · · · · · · · · · · · · · · · · ·  |         |               |            |                |     |             |              |                   |

FORM I - IN

# INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| ab Name: FRIEND_LAB            | ORATORY,_INC. | Contract:   | TP7,9             |
|--------------------------------|---------------|-------------|-------------------|
| Lab Code: 10252                | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |
| <pre>atrix (soil/water):</pre> | SOIL          | Lab Sample  | ID: L62601-19_    |
| evel (low/med):                | LOW           | Date Receiv | ed: 01/11/01      |

% Solids: 77.6\_\_

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

| CAS No.     | Analyte    | Concentration | С  | Q        | М         |
|-------------|------------|---------------|----|----------|-----------|
| 7429-90-5   | Aluminum   | 18900         |    |          | Р         |
| 7440-36-0   | Antimony   | 3.2           | U  | IN       | P         |
| 7440-38-2   | Arsenic    | 6.4           |    |          | $oxed{F}$ |
| _7440-39-3_ |            | 89.7          |    |          | [P]       |
|             | Beryllium_ | 1.1_          |    |          | _P        |
| _7440-43-9_ |            | 10.1_         | U_ |          | P_        |
| _7440-70-2_ |            | 7260_         | u  |          | P_        |
| _7440-47-3_ | Chromium   | 21.8_         |    |          | P_        |
| _7440-48-4_ |            | 10.4_         |    |          | P_        |
| 17440-50-8  |            | 20.8_         |    | ٢,       | _P        |
| _7439-89-6_ |            | 26100_        |    | 1 .      | _P        |
| _7439-92-1_ |            | 18.7_         |    | *        | F_        |
| _7439-95-4_ | Magnesium_ | 5360_         |    | <u> </u> | _P        |
| _7439-96-5_ | Manganese_ | 214_          |    | 1,1      | P_        |
| _7439-97-6_ |            | 0.11_         |    | 1×N      | [CV]      |
| _7440-02-0_ |            | 22.8_         |    |          | P_        |
|             | Potassium_ | 1620_         |    |          | _P        |
| _7782-49-2_ |            | 0.23_         | U_ |          | LF_       |
| _7440-22-4_ |            | 0.76_         | U, |          | P_        |
| _7440-23-5_ |            | 113           | B  | U        | [P_       |
| _7440-28-0_ | Thallium   | 0.23_         | U  |          | [F]       |
| _7440-62-2_ | Vanadium_  | 35.5          |    |          | [P]       |
| _7440-66-6_ | Zinc       | 73.0          |    | THE      | [P]       |
|             | Cyanide    | 0.19          | U_ | ZIN      | AS        |
|             |            |               |    |          |           |

| Color | Before: | <br>Clarity Before | : | Texture:   |  |
|-------|---------|--------------------|---|------------|--|
| olor  | After:  | <br>Clarity After: |   | Artifacts: |  |
| Comme | nts:    |                    |   |            |  |
| -     |         |                    |   |            |  |
|       |         |                    |   |            |  |

FORM I - IN

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

| AIDDE | OWILL | MO   |
|-------|-------|------|
|       | <br>  | <br> |

|          | <del>_</del>               | _                        | INC. Contr     |            |             |          | SDG No.: TRINIDAD |
|----------|----------------------------|--------------------------|----------------|------------|-------------|----------|-------------------|
| 4atrix ( | (soil/water)               | : SOIL                   |                |            | Lab Sa      | mple     | : ID: L62601-20_  |
| evel (1  | .ow/med):                  | LOW                      |                |            | Date R      | ecei     | ved: 01/11/01     |
| s Solids | :                          | 84.4                     |                |            |             |          |                   |
|          | Concentra                  | tion Units               | (ug/L or mg/k  | g          | dry wei     | ght)     | : MG/KG           |
|          | CAS No.                    | Analyte                  | Concentration  | С          | Q           | М        |                   |
|          | _7429-90-5_<br>_7440-36-0  |                          | 3030_<br>2.6   | TT         | TV          | P<br>P   |                   |
|          | 7440-38-2<br>7440-39-3     | Arsenic                  | 14.6<br>37.4   |            |             | F        |                   |
|          | _7440-41-7_<br>_7440-43-9_ | Beryllium                | 0.44           | B_         |             | P        |                   |
|          | _7440-70-2_<br>7440-47-3   | Calcium                  | 15400<br>2.0   | _          | /           | PP       |                   |
|          | 7440-48-4<br>7440-50-8     | Cobalt                   | 17.5<br>42.3   |            | ,           | P<br>P   | 414101            |
| -        | _7439-89-6_<br>_7439-92-1  | Iron                     | 20800<br>93.0  |            | · /         | P<br>P   |                   |
|          | 7439-95-4                  | Magnesium_<br>Manganese_ | 2560_<br>214   |            | _/_         | P        |                   |
|          | _7439-97-6_<br>_7440-02-0_ | Mercury                  | 0.11           |            | J/N_        | CV<br>P  |                   |
|          | [7440-09 <b>-7</b> ]       | Potassium                | 359            |            |             | [P]      |                   |
|          | _7782-49-2_<br>_7440-22-4_ | Silver                   | 0.33<br>0.63   | U          |             | F_<br>P_ |                   |
|          | _7440-23-5_<br>_7440-28-0_ | Thallium                 | 98.9<br>0.67   | B_         | U           | P_F      |                   |
|          | _7440-62-2_<br>_7440-66-6_ | Zinc                     | 12.0_<br>185_  |            | jaN,        | P_<br>P_ |                   |
|          |                            | Cyanide                  | 0.15           | <b>U</b> _ | <b>1</b> /N | AS       |                   |
| - 1 D    | <i>6</i>                   |                          | 1 - 1          |            |             |          |                   |
|          | fore:                      | C.                       | larity Before: |            |             |          | Texture:          |
| olor Af  | ter:                       | Clar                     | ity After:     | _          |             |          | Artifacts:        |
| omments  | :                          |                          |                |            |             |          |                   |

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

| NYSDEC | SAMPLE | NO |
|--------|--------|----|

| SS | 12 |
|----|----|
|----|----|

| Lab Name: FRIEND_LAB | ORATORY,_INC. | Contract:   | SS12              |
|----------------------|---------------|-------------|-------------------|
| Lab Code: 10252      | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |
| Matrix (soil/water): | SOIL          | Lab Sample  | ID: L62601-35_    |
| Level (low/med):     | LOW           | Date Receiv | red: 01/12/01     |
|                      |               |             |                   |

% Solids: 71.9\_\_

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

| CAS            | No.   | Analyte     | Concentration | С | Q           | М                           |
|----------------|-------|-------------|---------------|---|-------------|-----------------------------|
| 7429-          | 90-5  | Aluminum    | 8550          |   | _           | P                           |
| 7440-          | 36-0  | Antimony    | 3.0           | U | TX          | [P]                         |
| [7440 <b>-</b> | 38-2  | Arsenic     | 5.1           |   |             | [F]                         |
| 7440-          | 39-3  | Barium      | 63.8          |   |             | P                           |
| 7440-          | 41-7  | Beryllium   | 0.44          | В |             | P                           |
| 7440-          | 43-9  | Cadmium     | 1.1           |   |             | P                           |
| 7440-          | 70-2  | Calcium     | 15700         |   | *           | $\lceil P \rceil$           |
| 7440-          | 47-3  | Chromium    | 9.2           |   |             | P                           |
| 7440-          | 48-4  | Cobalt      | 5.7           | В |             | P                           |
| 7440-          | 50-8  | Copper      | 21.4          |   |             | P                           |
| T7439-         |       |             | 14400         |   |             | $\lceil_{\mathbf{P}}\rceil$ |
| 7439-          | 92-1  | Léad        | 205           |   | <b>/</b> :_ | P                           |
| T7439-         | 95-4  | Magnesium   | 6040          |   | <b>X</b>    | [P]                         |
| [7439 <b>-</b> | 96-5] | [Manganese] | 331           |   |             | [P]                         |
|                |       | Mercury     | 0.12          |   | JM          | CV                          |
|                |       | Nickel      | 13.5          |   |             | Tp ]                        |
| 7440-          | 09-7  | Potassium   | 875           |   |             | ₽Ū                          |
| 7782-          | 49-2  | Selenium 7  | 0.28          | U | W           | F                           |
| _              | -     | Silver      | 0.71          | U |             | P                           |
| 7440-          | 23-5  | Sodium      | 94.9          | Z | U           | P                           |
| 7440-          |       | Thallium    | 0.28          | Ū |             | F                           |
| H-             |       | Vanadium    | 20.3          |   |             | P                           |
| 7440-          | _     |             | 118           |   | 184         | P                           |
|                |       | Cyanide     | 0.20          | Ū | AM          | AS                          |
|                |       |             |               |   |             |                             |

4146

| Color Before: | _ Clarity Before: | <br>Texture:   |
|---------------|-------------------|----------------|
| Color After:  | _ Clarity After:  | <br>Artifacts: |
| Comments:     |                   | ·              |
|               |                   |                |
|               |                   | <br><u> </u>   |

1 INORGANIC ANALYSIS DATA SHEET

| NYSDEC | SAMPLE | $N\cap$ |
|--------|--------|---------|

| Lab Name: FRIEND_LABO | ORATORY,_INC. | Contract:   | SS13              |  |
|-----------------------|---------------|-------------|-------------------|--|
| Tab Code: 10252_      | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |  |
| Matrix (soil/water):  | SOIL          | Lab Sample  | ID: L62601-38_    |  |
| Level (low/med):      | LOW           | Date Receiv | red: 01/12/01     |  |
|                       | 5.4. F        |             |                   |  |

3 Solids: 74.5\_\_

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

| CAS No.              | Analyte    | Concentration | С   | Q     | М                |                |
|----------------------|------------|---------------|-----|-------|------------------|----------------|
| 7429-90-5            | Aluminum   | 9660          |     |       | P                |                |
| 7440-36-0            |            | 3.1           | U   | JX    | P                |                |
| 7440-38-2            |            | 4.9           |     |       | F                |                |
| 7440-39-3            |            | 62.8          |     |       | P                |                |
| 7440-41-7            | Beryllium  | 0.55          | В   |       | $\top_{P}^-$     |                |
| 7440-43-9            |            | 0.50          | U   |       | T <sub>P</sub> - |                |
| 7440-70-2            | Calcium    | 16300         |     | 36    | _P_              | -A3"           |
| [7440-47-3]          | Chromium   | 11.2          |     |       | P                | 114/01         |
| 7440-48-4            | Cobalt     | 6.6           |     |       | _P_              | 1 2 00 14 17 1 |
| 7440-50-8            | Copper     | 21.7          |     |       | _P_              |                |
| [7439-89-6]          | Iron       | 16000         |     |       | _P_              |                |
| [7439-92 <b>-</b> 1] |            | 57.2          |     | , mer | _P_              |                |
| _7439-95-4_          | Magnesium_ | 4680          |     |       | _P_              |                |
| _7439-96-5_          | Manganese_ | 418           |     |       | _P_              |                |
| 7439-97-6            | Mercury    | 0.090         |     | J*N   | _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           |     | ()    | _P_              |                |
| [7440-28-0]          | Thallium_  | 0.24          | ַ_U |       | $oxed{F}_{oxed}$ |                |
| 7440-62-2            | Vanadium   | 20.6          |     |       | _P_              |                |
| [7440-66-6]          | Zinc       | 121           |     |       | _P_              |                |
| -                    | Cyanide    | 0.21          | B_  | 3 ×1  | AS               |                |
|                      |            |               |     |       |                  |                |

|             |                 | <b>」</b> , |
|-------------|-----------------|------------|
| lor Before: | Clarity Before: | Texture:   |
| lor After:  | Clarity After:  | Artifacts: |
| Comments:   |                 |            |
|             |                 |            |
|             |                 |            |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| Lab Name: FRIEND_LABO | DRATORY,_INC. | Contract:    | TP TP12           |
|-----------------------|---------------|--------------|-------------------|
| Lab Code: 10252       | Case No.:     | SAS No.:     | SDG No.: TRINIDAD |
| Matrix (soil/water):  | SOIL          | Lab Sample   | ID: L62601-43_    |
| Level (low/med):      | LOW           | Date Receive | ed: 01/12/01      |
| % Solids:             | 68.6          |              |                   |

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

| CAS I   | No.   | Analyte    | Concentration | С                    | Q    | M                         |
|---------|-------|------------|---------------|----------------------|------|---------------------------|
| 7429-   | 90-5_ | Aluminum   | 8990_         |                      |      | P_                        |
| _7440-  | 36-0_ | Antimony   | 3.6_          | $_{\mathtt{B}_{\_}}$ | JW_  | P_                        |
|         | _     | Arsenic    | 3.0_          |                      |      | F_                        |
|         |       | Barium     | 70.4_         |                      |      | P                         |
|         |       | Beryllium_ | 0.56_         | $B_{-}$              |      | P                         |
| _7440-  | 43-9_ | Cadmium    | 0.49_         | _U_                  |      | P_                        |
| _7440-  |       | 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-  |       |            | 64.3          |                      | . A. | P_                        |
| _7439-  | 95-4_ | Magnesium  | 7320_         |                      |      | P                         |
| 7439-   | 96-5  | Manganese_ | 495           |                      |      | P                         |
|         |       | Mercury    | 0.023         |                      | TM   | CV                        |
|         |       | Nickel     | 15.2          |                      |      | P                         |
| 7440-0  | 09-77 | Potassium  | 933           |                      | _    | $\top_{\mathbf{P}} \lnot$ |
| _7782-4 | 49-27 | Selenium T | 0.26          | Ū                    | JA.  | F                         |
| 7440-2  | 22-47 | Silver     | 0.73          | ับ                   |      | $\neg_{P}$                |
| 7440-2  | 23-5  | Sodium     | 149           | Z                    | U    | $\top_{P} \lnot$          |
| 7440-2  | 28-0  | Thallium   | 0.26          | ับ                   |      | $\top_{\mathbf{F}}$       |
| 7440-6  | 62-2  | Vanadium   | 23.8          |                      |      | P                         |
| 7440-0  |       |            | 87.7          |                      | کبد  | P                         |
|         |       | Cyanide    | 0.19          | U                    | 3 3  | ĀS                        |
|         |       |            |               |                      |      | <b>1</b> 1                |

| Color  | Before: | Clarity Before: |      | Texture:   |
|--------|---------|-----------------|------|------------|
| Color  | After:  | Clarity After:  |      | Artifacts: |
| Commen | nts:    |                 |      |            |
|        |         |                 |      |            |
| _      |         |                 | ···· |            |

#### NYSDEC - ASP 1 INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| Lab | Name: | FRIEND_ | LABORATORY,_INC. | Contract: | TP/TP14,15        |
|-----|-------|---------|------------------|-----------|-------------------|
| 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

|                      |            |               | _          |     | _                       | 1      |
|----------------------|------------|---------------|------------|-----|-------------------------|--------|
| CAS No.              | Analyte    | Concentration | С          | Q   | М                       |        |
| 7429-90-5            | Aluminum   | 5960          |            |     | P                       |        |
| 7440-36-0            |            | 3.0           | U          | JX  | $^{\dagger}_{ m P}^{-}$ |        |
| 7440-38-2            |            | 5.5           | -          |     | F                       | ,      |
| [7440-39-3]          | Barium     | 74.2          |            |     | P                       |        |
| [7440-41 <b>-</b> 7] | Beryllium_ |               | В          |     | $\top_{P}^-$            |        |
| 7440-43-9            |            | 0.67          |            |     | P                       |        |
| _7440-70-2_          | Calcium    | 80100         |            |     | _P_                     |        |
| _7440-47-3_          |            | 6.8           |            |     | _P_                     | -25    |
| _7440-48-4_          |            | 5.1_          | B_         |     | _P_                     | 414/01 |
| _7440-50-8_          |            | 28.4_         |            |     | _P                      | 71,311 |
| _7439-89-6_          |            | 14800_        |            |     | ↓₽ <u>⊣</u>             |        |
| _7439-92-1_          |            | 135_          | L.         |     | _P                      |        |
| _7439-95-4_          | Magnesium_ | 13900_        |            |     | _P                      |        |
| _7439-96-5_          | Manganese_ | 375_          |            |     | P_                      |        |
| _7439-97-6_          |            | 0.040_        |            | 7 N | _CV                     |        |
| _7440-02-0_          |            | 13.7_         |            |     | _P                      |        |
| _7440-09-7_          |            | 737_          |            |     | _P                      |        |
| _7782-49-2_          |            | 0.21_         | _U_        |     | F_                      |        |
| _7440-22-4_          |            | 0.72_         | ַַע_       |     | ↓P                      |        |
| _7440-23-5_          |            | 183_          | <b>Z</b> _ | U   | ↓P                      |        |
| _7440-28-0_          | _          | 0.21_         | ับ_        |     | F_                      |        |
| _7440-62-2_          |            | 13.8_         |            |     | _P                      |        |
| _7440-66-6_          | -          | 158           |            |     | P_                      |        |
|                      | _Cyanide   | 0.22_         | В_         |     | [AS]                    |        |
|                      |            |               |            |     |                         |        |

| ١ |    |  |  |  |
|---|----|--|--|--|
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|   | ļ. |  |  |  |
|   |    |  |  |  |

| Color Before: | Clarity Before: | Texture:   |
|---------------|-----------------|------------|
| Color After:  | Clarity After:  | Artifacts: |
| Comments:     |                 |            |
|               |                 |            |
|               |                 |            |

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# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| Lab Name: FRI   | END_LABORATORY,   | _INC. Contra  | act:                                    | SS-15             |
|---|---|---|---|-------------------|
| Lab Code: 102   | 52_ Case No   | o.: SAS   | No.:                                    | SDG No.: TRINIDAD |
| Matrix (soil/   | water): SOIL  |   | Lab Sampl                               | e ID: L62601-46_  |
| Level (low/me   | ed): LOW  |   | Date Rece                               | eived: 01/12/01   |
| % Solids:   | 77.7  |   |   |                   |
|   | _   | s (ug/L or mg/kg  | g dry weight                            | :): MG/KG         |
| CAS   | No. Analyte   | Concentration   | C Q M                                   |                   |
| _7440<br>_7440<br>_7440<br>_7440<br>_7440<br>_7440<br>_7440<br>_7439<br>_7439<br>_7439<br>_7439<br>_7440<br>_7440<br>_7440<br>_7440<br>_7440<br>_7440 | -90-5 Aluminum -36-0 Antimony -38-2 Arsenic -39-3 Barium -41-7 Berylliu -43-9 Cadmium -70-2 Calcium -47-3 Chromium -48-4 Cobalt -50-8 Copper -89-6 Iron -92-1 bead -95-4 Magnesiu -96-5 Manganes -97-6 Mercury -02-0 Nickel -09-7 Potassiu -49-2 Selenium -22-4 Silver -23-5 Sodium -28-0 Thallium -62-2 Vanadium | 2.9 4.1 73.0 m 0.52 0.47 20300 14.4 8.6 19.6 17400 82.2 m 7260 e 658 0.080 16.3 m 1010 0.20 0 0.70 1 105 0 20.9 | P B P P P P P P P P P P P P P P P P P P |                   |
| olor Before:  | Cyanide_  |   | as S                                    | Texture:          |
| olor After:   | Cla   | arity After:  |   | Artifacts:        |
| Comments:   | ·   |   |   |                   |

### INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| <br>_ |  |
|-------|--|

| ab Name: FRIEND_LABO | ORATORY,_INC. | Contract:   | SS16              |
|----------------------|---------------|-------------|-------------------|
| Tab Code: 10252_     | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |
| ratrix (soil/water): | SOIL          | Lab Sample  | ID: L62601-49_    |
| evel (low/med):      | LOW           | Date Receiv | red: 01/12/01     |
| % Solids:            | 81.6          |             |                   |

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

|                               |            |               | _       |           |     |         |
|-------------------------------|------------|---------------|---------|-----------|-----|---------|
| CAS No.                       | Analyte    | Concentration | С       | Q         | M   |         |
| 7429-90-5                     | Aluminum   | 6220          |         |           | P   |         |
| 7440-36-0                     |            | 2.9           | Ū       | JX        | P   |         |
| 7440-38-2                     |            | 3.1           | _       |           | F   |         |
| [7440 <b>-</b> 39 <b>-</b> 3] | Barium     | 53.7          |         |           | P   |         |
| [7440-41-7]                   | Beryllium  | 0.34          | В       |           | P   |         |
| 7440-43-9                     | Cadmium_   | 0.46          | U       |           | P   |         |
| _7440-70-2_                   | Calcium    | 34200_        |         |           | P_  |         |
| _7440-47-3_                   |            | 9.4           |         |           | P_  |         |
| _7440-48-4_                   |            | 5.3_          | $B_{}$  |           | P_  |         |
| 7440-50-8                     |            | 18.3_         |         |           | P_  |         |
| _7439-89-6                    |            | 11300_        |         |           | P_  | 100     |
| _7439-92-1_                   |            | 152_          |         |           | P_  | ે પીવીલ |
|                               | Magnesium_ | 12300_        |         |           | P_  |         |
|                               | Manganese_ | 439_          |         |           | P_  |         |
| _7439-97-6_                   |            | 0.056_        | <u></u> | 1 N_      | CV  |         |
| _7440-02-0_                   |            | 12.9_         |         |           | P_  |         |
|                               | Potassium_ | 1080_         |         |           | P_  |         |
| _7782-49-2_                   |            | 0.24_         | _U_     |           | F_  |         |
| _7440-22-4_                   | Silver     | 0.69_         | U_      |           | P_  |         |
| _7440-23-5_                   |            |               |         | 0         | P_  |         |
| _7440-28-0_                   |            | 0.24_         | U_      |           | F_  |         |
| _7440-62-2_                   |            | 14.6_         |         |           | P_  |         |
| _7440-66-6_                   |            | 104_          |         |           | P_  |         |
|                               | Cyanide    | 0.17_         | _B_     | <b>コが</b> | AS. |         |
|                               |            |               |         |           |     |         |

| Color Before: | Clarity Before | : | Texture:   |
|---------------|----------------|---|------------|
| Color After:  | Clarity After: |   | Artifacts: |
| Comments:     |                |   |            |
|               |                |   |            |
|               |                |   |            |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| Lab Name | e: FRIEND LA       | ABORATORY,              | INC. Contr     | act       | ::     |                       | SS17              |
|----------|--------------------|-------------------------|----------------|-----------|--------|-----------------------|-------------------|
|          |                    |                         |                |           |        |                       | SDG No.: TRINIDAD |
| Matrix ( | (soil/water        | ): SOIL                 |                |           | Lab Sa | ample                 | ID: L62601-53_    |
| Level (1 | low/med):          | LOW                     |                |           | Date E | Recei                 | ved: 01/12/01     |
| ₹ Solids | 5:                 | 75.6                    |                |           |        |                       |                   |
|          | Concentra          | tion Units              | (ug/L or mg/k  | g d       | iry we | ight)                 | : MG/KG           |
|          | CAS No.            | Analyte                 | Concentration  | С         | Q      | М                     |                   |
|          |                    | Aluminum_               | 8490_          |           |        | P_                    |                   |
|          | <u>_</u> 7440-36-0 | _Antimony_              | 3.2            | ŢΩŢ.      | DX_    | P                     |                   |
|          |                    | Arsenic                 | 4.8            |           |        | F_                    |                   |
|          | _7440-39-3         |                         | 61.2           | -         |        | P                     |                   |
|          |                    | _Beryllium_             |                |           |        | P                     |                   |
|          | _7440-43-9         | _Cadmium                | 0.72_          | $\sqcup$  |        | P                     | ·                 |
|          |                    | _Calcium                | 21700_         | 1         | ×      | P                     |                   |
|          |                    | Chromium_               | 10.1_          | $\perp$   |        | P                     |                   |
|          | _7440-48-4         | Cobalt                  | 6.5_           |           |        | P                     |                   |
|          | _7440-50-8         | Copper                  | 24.7           |           |        | P                     | ٠ سغ              |
| '        | 1433-63-6          | Iron                    | 15400          |           |        | P                     | <del>,</del>      |
| -        | 7439-92-1          | Lead                    | 85.2           |           |        | P                     | de los            |
|          | <u>_</u> 7439-95-4 | Magnesium               | 7460           |           |        | P                     | 4/9/01<br>JAT     |
|          | _7439-96-5         | Manganese               |                |           |        | [P                    | 74.1              |
|          | L7439-97-6         | Mercury                 | 0.071_         |           | J/N_   | CV                    | -                 |
|          | 7440-02-0          | $_{ m N}$ ickel $_{ m}$ | 14.5_          |           | ,      | P                     |                   |
|          | _7440-09-7         | Potassium               |                |           |        | P                     |                   |
|          | 7782-49-2          | Selenium                | 0.23           | U         |        | F_                    |                   |
| 1        | 7440-22-4          | Silver                  | 0.76           | U         |        | P                     |                   |
| (        |                    | Sodium                  | 115            |           | U      | $\square$ P $\square$ |                   |
|          | 7440-28-0          | Thallium                | 0.32           | В         |        | F_                    |                   |
|          |                    | Vanadium                | 20.3           |           |        | P                     |                   |
|          | 7440-66-6          | Zinc                    | 117            |           |        | P                     |                   |
|          |                    | Cyanide                 | 0.22           | $B \perp$ | 7 N_   | As                    |                   |
|          |                    |                         |                |           |        |                       |                   |
| olor Be  | efore:             | с                       | larity Before: |           |        |                       | Texture:          |
| olor Af  | ter:               | Clar                    | ity After:     |           |        |                       | Artifacts:        |
| omments  |                    |                         | -              |           |        |                       |                   |
| "        | •                  |                         |                |           |        |                       |                   |
|          |                    |                         |                |           |        |                       |                   |
|          |                    |                         |                |           |        |                       |                   |

## NYSDEC - ASP INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| 11101                          | MUMIC MUMICI | DAIA SHEET |       |
|--------------------------------|--------------|------------|-------|
|                                |              |            | TP-18 |
| Lab Name: FRIEND_LABORATORY, _ | INC. Contra  | act:       |       |

| 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 | С      | Q                                     | М     |
|--------------------------|------------|---------------|--------|---------------------------------------|-------|
| 7429-90-5                |            | 5170_         |        |                                       | P_    |
| _7440-36-0_              |            | 2.7           | U_     | JX_                                   | _P_   |
| _7440-38-2_              |            | 3.3           |        |                                       | F_    |
| _7440-39-3_              |            | 39.9_         |        |                                       | _P_   |
|                          | Beryllium_ | 0.30_         | $B_{}$ |                                       | _P_   |
| _7440-43-9_              |            |               | ַַ ַ ַ |                                       | _P    |
| _7440-70-2_              | Calcium    | 73100_        |        |                                       | _P_   |
| _7440-47-3_              | _          | 6.1_          |        |                                       | P_    |
| 27440-48-4               |            | 5.3_          | _B_    |                                       | _P    |
| _7440-50 <del>-</del> 8_ |            | 20.1_         |        | <u> </u>                              | P_    |
| _7439-89-6_              | Iron       | 10900_        |        | <u>``</u>                             | _P    |
| _7439-92-1 <u>·</u>      |            | 56.7_         |        |                                       | P_    |
| _7439-95-4_              | Magnesium_ | 21000_        |        |                                       | P_    |
| _7439-96-5_              | Manganese_ | 265_          |        | · · · · · · · · · · · · · · · · · · · | P_    |
| _7439-97-6_              | Mercury    | 0.048_        |        | JW                                    | CV    |
| _7440-02-0_              | Nickel     | 9.7           |        |                                       | P     |
| _7440-09-7_              | Potassium_ | 757           |        |                                       | Р     |
| 7782-49-2                | Selenium   | 0.22          | Ū      | X                                     | $F^-$ |
| 7440-22-4                | Silver     | 0.65          | Ū      |                                       | P     |
| [7440-23-5]              | Sodium_    | 146           | Z      | U                                     | P     |
| 7440-28-0                | Thallium   | 0.32          | В      |                                       | F     |
| 7440-62-2                | Vanadium   | 14.7          | -      |                                       | P     |
| 7440-66-6                | Zinc       | 83.8          |        | POST                                  | P     |
|                          | Cyanide    |               | Ū      | X N                                   | AS    |
|                          |            |               |        |                                       |       |

4/4/01

| Color Before: | Clarity Before: | Texture:   |
|---------------|-----------------|------------|
| Color After:  | Clarity After:  | Artifacts: |
| Comments:     |                 |            |

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

|                                   |           | PG-SM |
|-----------------------------------|-----------|-------|
| .ab Name: FRIEND_LABORATORY,_INC. | Contract: |       |

Matrix (soil/water): SOIL\_\_ Lab Sample ID: L62601-58\_

evel (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 | С   | Q                                     | М                   |        |
|-------------|------------|---------------|-----|---------------------------------------|---------------------|--------|
| _7429-90-5_ | Aluminum_  | 6780          |     |                                       | P                   |        |
| 7440-36-0   | Antimony_  | 3.0           | U   | TW                                    | P                   |        |
| 7440-38-2   | Arsenic    | 3.9           |     |                                       | [F_                 |        |
| 7440-39-3   | Barium     | 27.7          |     |                                       | P                   |        |
| 7440-41-7   | Beryllium  | 0.22          | В   |                                       | P_                  |        |
| 7440-43-9   |            | 0.48          | U   |                                       | P                   |        |
| 7440-70-2   | Calcium_   | 33300         |     | <i>F</i>                              | P_                  |        |
| 7440-47-3   | Chromium_  | 7.3           |     |                                       | P_                  | 7:47   |
| _7440-48-4_ |            | 4.4           | B_  |                                       | P_                  | 4/4/01 |
| _7440-50-8_ |            | 11.9_         |     |                                       | P_                  | ululat |
| _7439-89-6_ | _          | 10600_        |     | `                                     | P_                  | 414101 |
| _7439-92-1_ |            | 25.1_         |     |                                       | F_                  |        |
| _7439-95-4_ | Magnesium_ | 1480.0_       | ′   | , , , , , , , , , , , , , , , , , , , | P_                  |        |
| [7439-96-5] | Manganese_ | 192_          |     |                                       | P_                  |        |
| _7439-97-6_ |            | 0.052         |     | J_N                                   | CV                  |        |
| _7440-02-0_ |            | 9.5_          |     |                                       | _P_                 |        |
| _7440-09-7_ | Potassium_ | 765_          |     |                                       | P_                  |        |
| _7782-49-2_ | Selenium   | 0.24_         | U_  |                                       | F_                  |        |
| 7440-22-4   | Silver     | 0.73          | U   |                                       | P_                  |        |
| _7440-23-5_ | Sodium     | 103           | B   | U                                     | P                   |        |
| [7440-28-0] | Thallium_  | 0.35          | B   |                                       | $oxed{ {	t F}_{-}}$ |        |
| [7440-62-2] | Vanadium_  | 13.9          |     |                                       | P_                  |        |
| [7440-66-6] | Zinc       | 57.3          |     | - SA                                  | P                   |        |
|             | Cyanide    | 0.18          | ַ_U | <b>1</b> N_                           | AS                  |        |
|             |            |               |     | , -                                   |                     |        |

| Color Before: | Clarity Before: | <br>Texture:   |
|---------------|-----------------|----------------|
| Color After:  | Clarity After:  | <br>Artifacts: |
| Comments:     |                 |                |
|               |                 |                |
|               |                 |                |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| Lab Name: FRI | END_LA          | BORATORY,  | INC. Contr     | ac  | :t:      |        | PG-NM             |
|---------------|-----------------|------------|----------------|-----|----------|--------|-------------------|
| Lab Code: 102 | 52 <sub>-</sub> | Case No.   | : SA           | S I | No.:     |        | SDG No.: TRINIDAD |
| Matrix (soil/ | water)          | : SOIL     |                |     | Lab Sa   | ample  | ID: L62601-59_    |
| Level (low/me | d):             | LOW        |                |     | Date H   | Receiv | red: 01/12/01     |
| % Solids:     |                 | 75.8       |                |     |          |        |                   |
| Conc          | entra           | tion Units | (ug/L or mg/k  | g   | dry we:  | ight)  | : MG/KG           |
| CAS           | No.             | Analyte    | Concentration  | С   | Q        | М      |                   |
| 7429          | -90-5           | Aluminum   | 8330           |     |          | P      |                   |
| _7440·        | -36-0_          | Antimony_  | 2.8            |     | JM       | P      |                   |
|               |                 | Arsenic    | 3.7_           |     | ,        | F      |                   |
|               |                 | Barium     | 48.2           |     |          | P      |                   |
| _7440         | -41-7_          | Beryllium_ |                |     |          | P      |                   |
|               |                 | Cadmium    | 0.45_          |     |          | P      |                   |
|               |                 | Calcium    | 11200_         |     | U/       | P      |                   |
|               |                 | Chromium_  | 8.7            |     |          | P      |                   |
|               |                 | Cobalt     | 6.5_           |     | <u> </u> | P      |                   |
|               |                 | Copper     | 14.6_          |     |          | P      | -24               |
| _7439         | -89-6_          | Iron       | 13300_         |     |          |        |                   |
|               | -92-1           |            | 45.9_          | _   |          | F      | ·11410\           |
|               |                 | Magnesium_ |                |     |          | P      |                   |
|               |                 | Manganese_ |                |     |          | P      |                   |
|               |                 | Mercury    | 0.19_          |     | JN_      | _cv    |                   |
| <del>-</del>  |                 | Nickel     | 11.7_          |     |          | P      |                   |
|               |                 | Potassium_ | 841_           |     |          | P      |                   |
| _7782-        | -49-2_          | Selenium_  | 0.23_          |     |          | F      |                   |
| _7440-        | -22-4_          | Silver     | 0.68_          |     |          | P      |                   |
| _7440-        | -23-5_          | Sodium     | 84.7_          | R   | U        | P      |                   |
|               |                 | Thallium_  | 0.56_          | B   |          | F      |                   |
|               |                 | Vanadium   | 17.7_          |     |          | P      |                   |
| _7440-        | -66-6]          | Zinc       | 78.8           |     | - A. C.  | P      |                   |
|               |                 | Cyanide    | 0.19_          | Մ_  | X/N      | _AS    |                   |
|               | 1               |            |                |     |          |        |                   |
| Color Before: |                 | C1         | larity Before: |     |          |        | Texture:          |
| Color After:  |                 | Clar       | ity After:     | _   |          |        | Artifacts:        |
| Comments:     |                 |            |                |     |          |        |                   |

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| TP-TP1 | 6- | 17 |
|--------|----|----|

| Lab Name: FRIEND_LAB        | ORATORY,_INC. | Contract:    | TP-TP16-17        |
|-----------------------------|---------------|--------------|-------------------|
| Lab Code: 10252             | Case No.:     | SAS No.:     | SDG No.: TRINIDAD |
| Matrix (soil/water):        | SOIL          | Lab Sample   | ID: L62601-60_    |
| <pre>Level (low/med):</pre> | LOW           | Date Receive | ed: 01/12/01      |
| % Solids:                   | 81.2          |              |                   |

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

|                      |            |               |    |         |     | •             |
|----------------------|------------|---------------|----|---------|-----|---------------|
| CAS No.              | Analyte    | Concentration | С  | . Q     | M   |               |
| 7429-90-5            | Aluminum   | 4560          |    |         | P   |               |
| 7440-36-0            |            | 2.8           | U  | JY      | P   |               |
| 7440-38-2            |            | 5.3           |    |         | F   |               |
| 7440-39-3            |            | 75.5          |    |         | P   |               |
| 7440-41-7            | Beryllium  |               | В  |         | Р   |               |
| [7440-43-9]          | Cadmium    | 0.45          | ับ | •       | P   |               |
| [7440 <b>-</b> 70-2] | Calcium    | 53500         |    |         | P_  |               |
| [7440-47-3]          | Chromium_  | 5.5           |    |         | [P_ |               |
| _7440-48-4_          |            | 4.6_          | B_ |         | P_  |               |
| 7440-50-8            | Copper     | 19.7_         |    |         | P   |               |
| _7439-89-6_          | Iron       | 267,00_       |    | (.      | P_  | · · \         |
| _7439-92-1_          |            | 56.2_         | ÷  |         | F_  | . !           |
| _7439-95-4_          | Magnesium_ | 17600_        |    |         | P_  | -247          |
|                      | Manganese_ | 1180_         |    |         | P_  | 4/4/01        |
| _7439-97-6_          |            | 0.053_        |    | J/N     | CV  | # 2 mp # 45 Y |
| _7440-02-0_          |            | 13.0_         |    |         | P_  | ' '           |
| _7440-09-7_          |            | 845_          |    |         | P   |               |
| _7782-49-2_          | Selenium_  | 0.22          | U_ |         | F_  |               |
| _7440-22-4_          | Silver     | 0.68_         | U  |         | P_  |               |
| _7440-23-5_          | Sodium     | 150_          |    | U       | P_  |               |
| _7440-28-0_          | Thallium_  | 0.53          | В  |         | F_  |               |
| _7440-62-2_          |            | 15.1_         |    |         | P_  |               |
| _7440-66-6_          | Zinc       | 62.1          |    |         | P_  |               |
|                      | Cyanide    | 0.30_         | B_ | <u></u> | AS  |               |
|                      |            |               |    |         |     |               |
|                      |            |               |    |         |     |               |

| Color Before: _ | <br>Clarity     | Before: | <br>Texture:  |  |
|-----------------|-----------------|---------|---------------|--|
| Color After: _  | <br>Clarity Aft | er:     | <br>Artifacts |  |
| Comments:       |                 |         |               |  |
|                 |                 |         |               |  |
|                 |                 |         |               |  |

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| ab Code | : 10252_            | Case No.   | : SA          | S       | No.:   |         | SDG No.: TRINIDA |
|---------|---------------------|------------|---------------|---------|--------|---------|------------------|
| trix (  | soil/water          | ) • SOTT.  |               |         | Lab S  | ample   | ID: L62601-61    |
| CIIA (  | JOIT, WALCE         |            |               |         | nan sa | amp 1 e | : 1D: H02001 01_ |
| vel (l  | ow/med):            | LOW        |               |         | Date I | Recei   | ved: 01/12/01    |
| Solids  | :                   | 85.0       |               |         |        |         |                  |
|         | Concentra           | tion Units | (ug/L or mg/k | g       | dry we | ight)   | : MG/KG          |
|         | CAS No.             | Analyte    | Concentration | С       | Q      | М       |                  |
|         | 7429-90-5           | Aluminum   | 5520          | -       |        | P       | ,                |
|         | _7440-36-0          |            |               |         | IX     | P       |                  |
|         | 7440-38-2           | Arsenic    | 7.4           |         |        | F       |                  |
|         | 7440-39-3           |            | 55.5          |         |        | P       |                  |
|         | 7440-41-7           | Beryllium  | 0.32          |         |        | P       | •                |
|         | 7440-43-9           | Cadmium    | 0.45          |         |        | P       |                  |
|         | _7440-70-2          | Calcium    | 85100         |         | 1      | P       |                  |
| Į       | _7440-47-3_         |            | 6.7           |         |        | P       |                  |
| ļ       | _7440-48-4 <u>_</u> | Cobalt     |               | B       |        | P       |                  |
|         | _7440-50-8_         | Copper     | 22.1          |         | ٠,     | P       | •                |
|         | _7439-89-6_         |            | 11100_        |         |        | P       | ( )              |
| Ļ       | _7439-92-1_         |            | 203_          | ,       | ,      | P       | -14              |
|         |                     | Magnesium_ |               |         |        | P       |                  |
|         |                     | Manganese_ |               |         |        | P       | 4/4/01           |
|         | _7439-97-6_         |            | 0.22_         |         | J/N_   | CV      |                  |
|         | _7440-02-0_         |            | 10.6_         |         |        | P       |                  |
|         |                     | Potassium_ | 736_          |         |        | P       |                  |
|         | _7782-49-2_         |            | 0.23_         |         |        | F       |                  |
|         | 7440-22-4           |            | 0.68_         |         |        | P       |                  |
| -       | _7440-23-5_         |            | 149_          |         |        | P       |                  |
|         | 7440-28-0           | Thallium_  | 0.26_         | $B_{-}$ |        | F_P_    |                  |
| -       | 7440-62-2           |            | 13.8_         |         |        |         |                  |
| -       | 7440-66-6           |            | 99.5_         | _       |        | P       |                  |
| L       |                     | Cyanide    | 0.17_         | R_      | 丁州_    | _AS     |                  |

| Color | Before: | <br>Clari | ty Before: | <br>Texture:  |   |
|-------|---------|-----------|------------|---------------|---|
| Color | After:  | Clarity   | After:     | <br>Artifacts | : |
| Comme | nts:    |           |            |               |   |
|       |         |           | ·          |               |   |
|       |         |           |            |               |   |

# INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| BG-N-JW |
|---------|
| SW      |
|         |

| ab | Name: | FRIEND_ | LABORATORY, | _INC. | Contract: | SW |  |
|----|-------|---------|-------------|-------|-----------|----|--|
|    |       |         | _           | _     |           |    |  |

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

atrix (soil/water): SOIL\_\_ Lab Sample ID: L62601-64\_

Tevel (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 | С  | Q   | М  |
|--------|--------|------------|---------------|----|-----|----|
| 7429-  | -90-5  | Aluminum   | 10300         |    |     | P  |
|        |        | Antimony   | 3.0           | Ū  | JM  | P  |
|        |        | Arsenic    | 3.3           |    |     | F  |
| 7440-  | -39-3  | Barium     | 89.0          |    |     | P  |
| _7440- | -41-7_ | Beryllium  | 0.48          | В  |     | P  |
|        |        | Cadmium_   | 0.60          |    |     | P  |
| _7440- | -70-2_ | Calcium_   | 41200         |    | ×   | P  |
| _7440- | -47-3_ | Chromium_  | 11.7_         |    |     | P  |
|        |        | Cobalt     | 6.9           |    |     | P  |
|        |        | Copper     | 26.5          |    | . ~ | P  |
| _7439- | -89-6_ | Iron       | 17900_        |    | ,   | P  |
|        | -92-1_ |            | 107_          |    | 1   | P_ |
| _7439- | -95-4_ | Magnesium_ | 10500_        |    | 1   | P_ |
|        |        | Manganese_ | 526_          |    |     | P_ |
| _7439- | -97-6_ | Mercury    | 0.064_        |    | J/N | CV |
|        |        | Nickel     | 16.1_         |    |     | P_ |
|        |        | Potassium_ | 1210_         |    |     | P_ |
| _7782- | 49-2   | Selenium_  | 0.24          | U  |     | F_ |
| _7440- | 22-4   | Silver     | 0.72          | U  |     | P  |
| _7440- | 23-5   | Sodium_    | 132           | Z] | U   | P  |
| _7440- | 28-0   | Thallium_  | 0.26          | В  | M   | F  |
| _7440- | 62-2]  | Vanadium_  | 21.5          |    |     | P_ |
| _7440- | 66-6   | Zinc       | 121           |    |     | P  |
|        |        | Cyanide    | 0.28          | В  | TAN | AS |
|        |        |            |               |    |     |    |

| Color | Before: | Clarity Before: | <br>Texture:   |
|-------|---------|-----------------|----------------|
| Color | After:  | Clarity After:  | <br>Artifacts: |
| Comme | nts:    |                 |                |
|       |         |                 | <br>           |
|       |         |                 |                |

#### 1 INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| Tab Name: FRIEND_LAB | ORATORY,_INC. | Contract:   | BG-SOUTH          |
|----------------------|---------------|-------------|-------------------|
| шаb Code: 10252      | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |
| atrix (soil/water):  | SOIL          | Lab Sample  | ID: L62601-65_    |
| Level (low/med):     | LOW           | Date Receiv | ed: 01/12/01      |

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

77.0\_\_

Solids:

| CAS No.               | Analyte      | Concentration | С  | Q       | М     |
|-----------------------|--------------|---------------|----|---------|-------|
|                       | 5 Aluminum   | 12600         |    |         | P     |
| _7440-36 <del>-</del> | 0_Antimony_  | 2.8           | U  | ZX      | P     |
| _7440-38-             | 2_Arsenic_   | 7.9           |    |         | F     |
|                       | 3_Barium     | 105           | _  |         | P     |
| 7440-41-              | 7_Beryllium_ | 0.60          |    |         | P     |
| L7440-43-             | 9_Cadmium    | 0.80_         |    |         | P     |
|                       | 2_Calcium_   | 10600         |    | U       | P     |
|                       | 3_Chromium_  | 18.7          |    |         | P     |
|                       | 4_Cobalt     | 8.0           |    |         | P     |
|                       | 8_Copper     | 22.5_         |    |         | P     |
| _7439-89-             |              | 20600         | _  |         | P     |
| _7439-92 <b>-</b>     |              | 1250_         |    | parent. | P     |
| _7439-95-             | 4 Magnesium  | 6080.         |    | *       | . P_  |
| _7439-96 <b>-</b>     | 5 Manganese  | 437           |    | 745     | P     |
| _7439-97-             | 6 Mercury    | 0.23          |    | 51N     | _[cv] |
| _7440-02-             | 0 Nickel     | 17.6          |    |         | TP    |
| _74 <u>4</u> 0-09-    | 7 Potassium  | 1660          |    |         | P     |
| 7782-49-              | 2 Selenium   | 0.26          | Ū  | X       | F     |
| 7440-22-              | 4 Silver     | 0.66          | U  |         | P     |
| [7440 <b>-</b> 23-    | 5 Sodium     | 127           | B' | J       | P     |
| 7440-28-              | 0 Thallium   | 0.26          | บ  | -       | F     |
| 7440-62-              | 2 Vanadium   | 28.5          |    |         | P     |
| 7440-66-              | <del></del>  | 352           |    |         | P     |
|                       | Cyanide      | 1.5           |    | JIN     | AS    |
|                       |              |               |    |         |       |

|        | :       |             |            |   |           |  |
|--------|---------|-------------|------------|---|-----------|--|
| Color  | Before: | <br>Clarit  | ty Before: | - | Texture:  |  |
| Color  | After:  | <br>Clarity | After:     |   | Artifacts |  |
| Commen | its:    |             |            |   |           |  |
| -      |         |             |            |   |           |  |
| -      |         | <br>        |            |   |           |  |

### INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

|  | _ | • | , |  |
|--|---|---|---|--|

|        | _                                  |             | INC. Contra    |          |                |                  |
|--------|------------------------------------|-------------|----------------|----------|----------------|------------------|
| o Code | : 10252_                           | Case No.    | : SAS          | No.: _   |                | SDG No.: TRINIDA |
| crix ( | soil/water)                        | : SOIL_     |                | Lab S    | ample          | ID: L62601-66_   |
| vel (1 | ow/med):                           | LOW         |                | Date     | Recei          | ved: 01/12/01    |
| Solids | :                                  | 74.4        |                |          |                |                  |
|        | Concentra                          | tion Units  | (ug/L or mg/kg | g dry we | eight)         | : MG/KG          |
|        | CAS No.                            | Analyte     | Concentration  | C Q      | М              |                  |
|        | 7429-90-5                          | Aluminum    | 8910           |          | P              |                  |
|        | 7440-36-0                          | Antimony    | 3.1            | U_XX     | P              |                  |
|        | 7440-38-2                          | Arsenic     | 13.3           |          | F_             | •                |
|        | _7440-39-3_                        | Barium      | 84.0           |          | P              |                  |
|        | _7440-41 <b>-</b> 7_               | Beryllium_  |                | B        | P              | <b>-</b> :       |
|        | _7440-43 <b>-</b> 9_<br>_7440-70-2 |             | 0.51           | B        | P              | -pat<br>- spape  |
|        | 7440-70-2                          |             | 25900<br>14.0  |          | P_P            | 4/4/2            |
|        | _7440-47-3_<br>_7440-48-4_         |             | 7.5            |          |                | ~                |
|        | 7440-50-8                          |             | 30.9           |          | P              |                  |
|        | 7 <b>4</b> 39-89 <b>-6</b>         |             | 16500          |          | T <sub>P</sub> |                  |
|        | 7439-92-1                          |             | 279            | 7        | ⊢p .           |                  |
|        |                                    | Magnesium   | 8350           | -        | . P            |                  |
|        |                                    | Manganese_  | 438            | ·   -    | P              |                  |
|        | _ <b>7439</b> -97 <b>-</b> 6_      | Mercury     | 0.075          | T/N      | CV             |                  |
|        | 7440-02-0                          |             | 18.6           |          | P              | -                |
|        | 7440-09 <b>-7</b>                  | Potassium   | 1710           |          | P              |                  |
|        | _7782-49-2 <u>_</u>                | [Selenium_] | 0.25           | J        | $\mathbf{F}$   |                  |
|        | 7440-22-4                          | Silver      | 0.75           |          | P              |                  |
|        | 7440-23-5                          | Sodium      | 340            | 8 0      | · [Ý]          |                  |
|        | 7440-28-0                          |             | 0.51_F         | 3        | $\mathbf{F}$   |                  |
|        | 7440-62-2                          |             | 22.1           |          | P              |                  |
| -      | 7440-66-6                          |             | 179_           |          | P_             |                  |
|        |                                    | Cyanide     | 0.41_I         | 3 ] ] [  | AS             | •                |
| '      |                                    |             |                |          |                | _                |
| or Be  | fore:                              | Texture:    |                |          |                |                  |
| or Af  | ter:                               | Artifacts:  |                |          |                |                  |
| ments  | :                                  |             |                |          |                |                  |
|        |                                    |             |                |          |                |                  |
|        | •                                  |             |                |          |                |                  |

INORGANIC ANALYSIS DAIR SHEET S. RINSATE Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_ Matrix (soil/water): WATER Lab Sample ID: L62601-69\_ Date Received: 01/12/01 Level (low/med): LOW % Solids: Concentration Units (ug/L or mg/kg dry weight): UG/L CAS No. Analyte | Concentration C 0 M 7429-90-5 Aluminum 118 B 7440-36-0 Antimony 25.0\_U Ρ 7440-38-2 Arsenic\_\_ 2.0 U F 7440-39-3 Barium Ρ 102 B 7440-41-7 Beryllium 1.0 U P 7440-43-9 Cadmium\_ 4.0\_U Ρ 7440-70-2 Calcium 62200 P 7440-47-3 | Chromium \_\_\_\_8.0\_U Ρ \_7440-48-4\_Cobalt 11.9 B Ρ 7440-50-8 Copper\_\_\_ \_\_\_7.1\_B ·P 268 7439-89-6 Iron 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 CV 0.20 U 7440-02-0 Nickel 10.0 U Ρ 7440-09-7\_Potassium 1350 B Ρ 7782-49-2 Selenium 2.0 U F 6.0 U 7440-22-4 |Silver Ρ 7440-23-5 Sodium P 18000 7440-28-0 Thallium\_ 2.0 U F 7440-62-2 Vanadium 7.0 U Ρ 7440-66-6 Zinc 27.2 P 3.0 U Cyanide AS

| Color Be      | efore: _ | <br>Clari | ty Before: | <br>Texture:   |  |
|---------------|----------|-----------|------------|----------------|--|
| Color Af      | ter: _   | Clarity   | After:     | <br>Artifacts: |  |
| Comments<br>— | s:       |           |            |                |  |
|               |          |           |            |                |  |
|               |          |           |            |                |  |

10/95

S.S. RINSATE

Lab Name: FRIEND\_LABORATORY,\_INC. Contract:\_\_\_\_\_

ab Code: 10252 Case No.: \_\_\_\_ SAS No.: \_\_\_ SDG No.: TRINIDAD

`latrix (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 | С           | Q | М  |
|----------------------|------------|---------------|-------------|---|----|
| _7429-90-5_          |            | 48.0          | U           |   | P_ |
| _7440-36-0_          |            | 25.0_         | U           |   | P  |
| _7440-38-2_          |            | 2.0_          | U_          |   | F_ |
| _7440-39-3_          |            | 98.6_         | B           |   | P_ |
| <u>_7440-41-7_</u>   | Beryllium_ | 1.0_          | U_          |   | P  |
| 7440-43-9            |            | 4.0           | U_          |   | P_ |
| _7440-70-2_          |            | 61600_        |             |   | P_ |
| _7440-47-3_          |            | 8.0_          | ַַ          |   | P_ |
| _7440-48-4_          |            | 10.0_         | U_          |   | P_ |
| 7440-50-8            | Copper     | 3.4_          | B_          |   | P_ |
| _7439-89-6_          |            | 61.3_         | B_          |   | P_ |
| _7439-92-1_          |            |               | U_          |   | F_ |
| _7439-95-4_          | Magnesium_ | 11400_        |             |   | P_ |
| _7439-96-5_          | Manganese] | 4.2           | $B_{\perp}$ |   | P_ |
| _7439-97-6_          | Mercury    | 0.20          | U           |   | CV |
| _7440-02-0_          | Nickel     | 10.6          | В           |   | P  |
| _7440-09-7_          | Potassium  | 1330          | В           |   | 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 <b>-</b> 0] | Thallium   | 2.5           | В           |   | F  |
| [7440-62-2]          | Vanadium   | 7.0           | U           |   | P  |
| [7440-66-6]          | Zinc       | 18.2          | В           |   | P  |
|                      | Cyanide    | 3.0           | บ           |   | AS |
|                      |            |               |             |   |    |

| Color | Before: | Clarity Befor  | e: | Texture:   |
|-------|---------|----------------|----|------------|
| Color | After:  | Clarity After: |    | Artifacts: |
| Comme | nts:    |                |    |            |
| -     |         |                |    |            |
| -     |         | <br>           |    |            |

10/95

# ATTACHMENT 2 SUPPORT DOCUMENTATION

Lab Name: FRIEND LABORATORY, INC. Contract: SDG No.: PANAM SAS No.: Lab Code: 10252 Case No.: Date Analyzed: 01/17/01 Lab File ID (Standard): C3699.D Instrument ID: MSD-C Time Analyzed: 11:14 Heated Purge (Y/N): Ν GC Column: RTX-624

(mm)

ID: 0.53

|                      | IS1BCM  |  | IS2DFB   |  | IS3CB   |   |
|----------------------|---|--|--|--|---|---|
|                      | AREA #  | RT #   | AREA #   | RT #   | 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<br>SAMPLE NO. |   |  |  |  |   |   |
| VBLKW1               | 1895406   | 8.28   | 8119036  | 10.90  | 5782307   | 16.08   |
| VBLKW1MS             | 1941649   | 8.28   | 8553149  | 10.90  | 6630832   | 16.08   |
| RINSATE              | 1913239   | 8.27   | 8749196  | 10.90  | 6775641   | 16.08   |
|                      |   |  |  |  |   |   |
|                      | UPPER LIMIT LOWER LIMIT NYSDEC SAMPLE NO. VBLKW1 VBLKW1MS | AREA #  12 HOUR STD 2009915  UPPER LIMIT 4019830  LOWER LIMIT 1004958  NYSDEC SAMPLE NO.  VBLKW1 1895406  VBLKW1MS 1941649 | AREA # RT #  12 HOUR STD 2009915 8.26  UPPER LIMIT 4019830 8.76  LOWER LIMIT 1004958 7.76  NYSDEC SAMPLE NO.  VBLKW1 1895406 8.28  VBLKW1MS 1941649 8.28 | AREA # RT # AREA #  12 HOUR STD 2009915 8.26 9254653  UPPER LIMIT 4019830 8.76 18509306  LOWER LIMIT 1004958 7.76 4627327  NYSDEC SAMPLE NO.  VBLKW1 1895406 8.28 8119036  VBLKW1MS 1941649 8.28 8553149 | AREA # RT # AREA # RT #  12 HOUR STD 2009915 8.26 9254653 10.89  UPPER LIMIT 4019830 8.76 18509306 11.39  LOWER LIMIT 1004958 7.76 4627327 10.39  NYSDEC SAMPLE NO.  VBLKW1 1895406 8.28 8119036 10.90  VBLKW1MS 1941649 8.28 8553149 10.90 | AREA # RT # AREA # RT # AREA #  12 HOUR STD 2009915 8.26 9254653 10.89 6892049  UPPER LIMIT 4019830 8.76 18509306 11.39 13784098  LOWER LIMIT 1004958 7.76 4627327 10.39 3446025  NYSDEC SAMPLE NO.  VBLKW1 1895406 8.28 8119036 10.90 5782307  VBLKW1MS 1941649 8.28 8553149 10.90 6630832 |

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

page 1 of 2 eak 2/6/01

FORM VIII-CLP-VOA

10/95

| Lab Name:     | 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 II | D: MSD-C                      |             |      |               | Time Analyzed: 13:54    |
| GC Column     | RTX-624                       | ID: 0.53    | (mm) |               | Heated Pume (Y/N): Y    |

|     |                      |                  |      | •                |       | •               |       |
|-----|----------------------|------------------|------|------------------|-------|-----------------|-------|
|     |                      | IS1BCM<br>AREA # | RT # | IS2DFB<br>AREA # | RT #  | IS3CB<br>AREA # | RT #  |
|     | 12 HOUR STD          | 2020442          | 8.28 | 8885823          | 10.90 | 6752542         | 16.08 |
|     | UPPER LIMIT          | 4040884          | 8.78 | 17771646         | 11.40 | 13505084        | 16.58 |
|     | LOWER LIMIT          | 1010221          | 7.78 | 4442912          | 10.40 | 3376271         | 15.58 |
|     | NYSDEC<br>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 |
| 96  | TP7                  | 1631563          | 8.27 | 6481622          | 10.89 | 4273476         | 16.07 |
| 77  | TP-TP3               | 1524453          | 8.26 | 6471493          | 10.88 | 3953123         | 16.06 |
| 380 | TP10 RE              | 547465*          | 8.25 | 2586851*         | 10.88 | 1094772*        | 16.06 |
| 9   | 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

<sup>\*</sup> Values outside of contract required QC limits

 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<br>AREA # | RT # | IS2DFB<br>AREA # | RT #  | IS3CB<br>AREA # | RT #    |
|----|----------------------|------------------|------|------------------|-------|-----------------|---------|
|    |                      | AREA #           | KI # | AREA #           | KI #  | AREA #          | 17.1 77 |
|    | 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<br>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   |
| 80 | 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

page 1 of 2/1

FORM VIII-CLP-VOA

10/95

| Lab Name:     | FRIEND LABORATORY, INC. |             |      | Contract: _ |                 | _         |  |
|---------------|-------------------------|-------------|------|-------------|-----------------|-----------|--|
| Lab Code:     | 10252                   | _ Case No.: |      | SAS No.:    | SDG No          | o.: PANAM |  |
| Lab File ID ( | Standard):              | C3823.D     |      |             | Date Analyzed:  | 01/25/01  |  |
| Instrument II | D: MSD-C                |             |      |             | Time Analyzed:  | 10:00     |  |
| GC Column:    | RTX-624                 | ID: 0.53    | (mm) |             | Heated Purge (Y | /N): Y    |  |

|    |                      | IS1BCM<br>AREA # | RT # | IS2DFB<br>AREA # | RT #  | IS3CB<br>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<br>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.

00022

<sup>\*</sup> Values outside of contract required QC limits

#### 2D SOIL SEMIVOLATILE SURROGATE RECOVERY

| Lab Name:   | FRIEND LABORATORY, INC. | Contract: |  |
|-------------|-------------------------|-----------|--|
| Lab Haille. | TRIEND EXPORATORY, INC. | Contract. |  |

Level: (low/med) LOW

| r  |             |         |         |         | r       |          |         |           |         |     |
|----|-------------|---------|---------|---------|---------|----------|---------|-----------|---------|-----|
|    | NYSDEC      | S1      | S2      | S3      | S4      | S5       | S6      | <b>S7</b> | S8      | TOT |
|    | SAMPLE NO.  | (NBZ) # | (FBP) # | (TPH) # | (PHL) # | (2FP) #  | (TBP) # | (2CP) #   | (DCB) # | 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      | C   |
| 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 DI | 66      | 67      | 101     | 74      | 00       | 70      | 04        | 00      | 0   |
| 16 | SS13 DL     | 53      | 53      | 71      | 64      | 54       | 70      | 71        | 53      | 0   |
| 17 | SS-15       | 55      | 54      | 107     | 101     | 54       | 78      | 66        | 50      | Q   |
| 18 | SS12        | 61      | 61      | 117     | 71      | 60       | 77      | 79        | 58      | 0   |
| 19 | SS16 RE     | 59      | 61      | 174*    | 66      | 57       | 86      | 71        | 54      |     |
| 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      | 6         | 48      | . 0 |
| 23 | BG-N-NW DL  | 58      | 58      | 128     | D       | <b>ל</b> |         | 15        | 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     | 53      | 127 1   | 64      | 56       | 82      | 68        | 52      | 0   |
| 29 | BG-N-JW RE  | 53      | 57      | 131     | 62      | .55      | 79      | وأوا      | 51      | 0   |
| 30 | GPCBLK26    | *       | *       | *       | *       | *        | *       | *         | *       | 8   |
| 31 | TP-TP11     | 52      | 59      | 16      | ω3      | 54       | 50      | 67        | 48      | 0   |
| 32 | BG-N-NW     | 58      | 67      | 99      | *       | 1*       | *       | 1* '      | 37      | 4   |
| 33 | TP-18 DL    | 14 D    | 227     | 29      | 5 🏷     | 17       | 40      | 6₹>       | 17 🖸    | D   |

#### QC LIMITS

| S1         | (NBZ) | = | Nitrobenzene-d5        | (23-120) |
|------------|-------|---|------------------------|----------|
| S2         | (FBP) | = | 2-Fluorobiphenyl       | (30-115) |
| <b>S3</b>  | (TPH) | = | Terphenyl-d14          | (18-137) |
| <b>S4</b>  | (PHL) | = | Phenol-d5              | (24-113) |
| <b>S</b> 5 | (2FP) | = | 2-Fluorophenol         | (25-121) |
| S6         | (TBP) | = | 2,4,6-Tribromophenol   | (19-122) |
| <b>S7</b>  | (2CP) | = | 2-Chlorophenol-d4      | (20-130) |
| <b>S8</b>  | (DCB) | = | 1,2-Dichlorobenzene-d4 | (20-130) |

#Column to be used to flag recovery values

D Surrogate diluted out

<sup>\*</sup> 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       | S1         | S2          | <b>S</b> 3 | S4      | <b>S</b> 5 | S6      | <b>S7</b> | S8      | ТОТ |
|----|--------------|------------|-------------|------------|---------|------------|---------|-----------|---------|-----|
|    | SAMPLE NO.   | (NBZ) #    | (FBP) #     | (TPH) #    | (PHL) # | (2FP) #    | (TBP) # | (2CP) #   | (DCB) # | 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        | 54      | 47         | 36      | 72        | 55      | 0   |
| 43 | TP-TP12 DL   | 9 <b>D</b> | 11 <b>₽</b> | 16 D       | 27      | 10         | 27      | 20        | 9 🎾     | 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 🖒       | 24 🕽        | 38         | 117     | 40         | 6 D     | 11 🕏      | 20      | O   |
| 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

| <b>S1</b>  | (NBZ) | = | Nitrobenzene-d5        | (23-120) |
|------------|-------|---|------------------------|----------|
| <b>S2</b>  | (FBP) | = | 2-Fluorobiphenyl       | (30-115) |
| <b>S3</b>  | (TPH) | = | Terphenyl-d14          | (18-137) |
| <b>S4</b>  | (PHL) | = | Phenol-d5              | (24-113) |
| <b>S</b> 5 | (2FP) | = | 2-Fluorophenol         | (25-121) |
| <b>S6</b>  | (TBP) | = | 2,4,6-Tribromophenol   | (19-122) |
| <b>S7</b>  | (2CP) | = | 2-Chlorophenol-d4      | (20-130) |
| <b>S8</b>  | (DCB) | = | 1.2-Dichlorobenzene-d4 | (20-130) |

<sup>#</sup> Column to be used to flag recovery values

<sup>\*</sup> Values outside of contract required QC limits

D Surrogate diluted out

### 2D SOIL SEMIVOLATILE SURROGATE RECOVERY

| Lab Name: | FRIEND LABORATORY, INC. | Contract: |  |
|-----------|-------------------------|-----------|--|
|           |                         |           |  |

Level: (low/med) LOW

|    | NYSDEC       | S1      | S2      | S3      | S4      | <b>S5</b> | S6      | <b>S7</b> | S8      | TOT |
|----|--------------|---------|---------|---------|---------|-----------|---------|-----------|---------|-----|
|    | SAMPLE NO.   | (NBZ) # | (FBP) # | (TPH) # | (PHL) # | (2FP) #   | (TBP) # | (2CP) #   | (DCB) # | 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    | 137     | 20      | 12 7    | 97        | 77      | 127       | 117     | 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) |
|------------|-------|---|------------------------|----------|
| ٠.         | •     |   |                        | ,        |
| <b>S2</b>  | (FBP) | = | 2-Fluorobiphenyl       | (30-115) |
| <b>S3</b>  | (TPH) | = | Terphenyl-d14          | (18-137) |
| <b>S4</b>  | (PHL) | = | Phenol-d5              | (24-113) |
| <b>S</b> 5 | (2FP) | = | 2-Fluorophenol         | (25-121) |
| <b>S6</b>  | (TBP) | = | 2,4,6-Tribromophenol   | (19-122) |
| <b>S7</b>  | (2CP) | = | 2-Chlorophenoi-d4      | (20-130) |
| <b>S8</b>  | (DCB) | = | 1.2-Dichlorobenzene-d4 | (20-130) |

#Column to be used to flag recovery values

D Surrogate diluted out

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | Standard): | A1145.D         | Date A    | Analyzed: 01/19/01 |   |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 20:56    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:    | FRIEND L    | ABORATORY, INC. | Contract: |                    |  |
|--------------|-------------|-----------------|-----------|--------------------|--|
| Lab Code:    | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID  | (Standard): | A1218.D         | Date      | Analyzed: 01/30/01 |  |
| Instrument i | D: MSD-A    |                 | Time      | e Analyzed: 10:48  |  |

|           |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|-----------|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
| ſ         | 12 HOUR STD          | 1103023            | 11.46 | 3904648            | 15.37 | 2177627            | 20.90 |
| ſ         | UPPER LIMIT          | 2206046            | 11.96 | 7809296            | 15.87 | 4355254            | 21.40 |
| Ī         | LOWER LIMIT          | 551512             | 10.96 | 1952324            | 14.87 | 1088814            | 20.40 |
|           | NYSDEC<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| )1        | GPCBLK16             | 1156978            | 11.45 | 3748669            | 15.36 | 1854961            | 20.88 |
| )2        | SBLKS16              | 1116959            | 11.45 | 3966641            | 15.36 | 2052937            | 20.89 |
| 23        | SBLKS16MS            | 1026676            | 11.47 | 3582488            | 15.38 | 1860138            | 20.90 |
| <b>)4</b> | 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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:    | FRIEND L    | ABORATORY, INC. | Contract: |                    |  |
|--------------|-------------|-----------------|-----------|--------------------|--|
| Lab Code:    | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID  | (Standard): | A1218.D         | Date      | Analyzed: 01/30/01 |  |
| Instrument I | D: MSD-A    |                 | Time      | Analyzed: 10:48    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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-d-8

IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10

= Chrysene-d12 IS5 (CRY)

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.

00543

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | Standard): | A1235.D         | Date      | Analyzed: 01/31/01 |   |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 15:22    |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREÀ # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 1188994            | 11.34 | 4359445            | 15.27 | 2297232            | 20.80 |
| Ī  | UPPER LIMIT          | 2377988            | 11.84 | 8718890            | 15.77 | 4594464            | 21.30 |
| Ī  | LOWER LIMIT          | 594497             | 10.84 | 2179723            | 14.77 | 1148616            | 20.30 |
|    | NYSDEC<br>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-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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |               |       |
|---------------|------------|-----------------|-----------|---------------|-------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | _ SDG No.:    | PANAM |
| Lab File ID ( | Standard): | A1235.D         | Date A    | nalyzed: 01/  | 31/01 |
| Instrument II | D: MSD-A   |                 | Time A    | Analyzed: 15: | 22    |

|     |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>SAMPLE NO. | _                  |       |                    |       |                    |       |
| )1[ | SS5 RE               | 3248114            | 25.47 | 1522244            | 33.85 | 1051442            | 38.02 |
| )2  | 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

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |  |
|---------------|------------|-----------------|-----------|--------------------|--|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | Standard): | A1258.D         | Date      | Analyzed: 02/06/01 |  |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 08:52    |  |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 1119781            | 11.10 | 3890345            | 15.02 | 2294540            | 20.53 |
| Ì  | UPPER LIMIT          | 2239562            | 11.60 | 7780690            | 15.52 | 4589080            | 21.03 |
|    | LOWER LIMIT          | 559891             | 10.60 | 1945173            | 14.52 | 1147270            | 20.03 |
|    | NYSDEC<br>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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | _ Case No.:     | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | Standard): | A1258.D         | Date .    | Analyzed: 02/06/01 |   |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 08:52    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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-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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |  |
|---------------|-------------|-----------------|-----------|--------------------|--|
| Lab Code:     | 10252       | _ Case No.:     | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | (Standard): | A1266.D         | Date      | Analyzed: 02/06/01 |  |
| Instrument I  | D: MSD-A    |                 | Time      | Analyzed: 15:37    |  |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 871155             | 11.08 | 3049225            | 15.00 | 1741901            | 20.52 |
| Ī  | UPPER LIMIT          | 1742310            | 11.58 | 6098450            | 15.50 | 3483802            | 21.02 |
|    | LOWER LIMIT          | 435578             | 10.58 | 1524613            | 14.50 | 870951             | 20.02 |
|    | NYSDEC<br>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 | BG-SOUTH DL          | 1112301            | 11,10 | 0050002            | 15.01 | 2242740            | 20.54 |

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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |  |
|---------------|-------------|-----------------|-----------|--------------------|--|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | (Standard): | A1266.D         | Date      | Analyzed: 02/06/01 |  |
| Instrument I  | D: MSD-A    |                 | Time      | Analyzed: 15:37    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 2097851            | 25.18 | 1351683            | 33.54 | 1185857            | 37.69 |
| Ī  | UPPER LIMIT          | 4195702            | 25.68 | 2703366            | 34.04 | 2371714            | 38.19 |
|    | LOWER LIMIT          | 1048926            | 24.68 | 675842             | 33.04 | 592929             | 37.19 |
|    | NYSDEC<br>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 | PC SOUTH DL          | 2001193            | 25.21 | 971113             | 33.30 | 304020             | 37.70 |

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.

00549

10/05

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |  |
|---------------|------------|-----------------|-----------|--------------------|--|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | Standard): | A1280.D         | Date      | Analyzed: 02/07/01 |  |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 09:09    |  |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| )1 | SS13 DL              | 1431111            | 11.01 | 5184526            | 14.91 | 2917216            | 20.44 |
| )2 | SS-15                | 1436468            | 11.01 | 5214101            | 14.91 | 2664956            | 20.43 |
| 3  | SS12                 | 1526737            | 11.01 | 5634237            | 14.92 | 3067449            | 20.44 |
| )4 | SS16 RE              | 1505934            | 11.01 | 5506940            | 14.92 | 2913826            | 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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                      |  |
|---------------|------------|-----------------|-----------|----------------------|--|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM       |  |
| Lab File ID ( | Standard): | A1280.D         | Date      | e Analyzed: 02/07/01 |  |
| Instrument II | D: MSD-A   |                 | Time      | e Analyzed: 09:09    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |          |
|---------------|------------|-----------------|-----------|--------------------|----------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | <u> </u> |
| Lab File ID ( | Standard): | A1287.D         | Date      | Analyzed: 02/07/01 |          |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 15:34    |          |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| )1 | BG-N-JW              | 1396316            | 10.91 | 5029779            | 14.82 | 2768546            | 20.33 |
| )2 | SS17                 | 1633767            | 10.92 | 5810570            | 14.82 | 2922859            | 20.34 |
| )3 | TP-TP11 RE           | 1483537            | 10.94 | 5377257            | 14.84 | 2670346            | 20.35 |
| )4 | 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

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |  |
|---------------|------------|-----------------|-----------|--------------------|--|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | Standard): | A1287.D         | Date /    | Analyzed: 02/07/01 |  |
| instrument II | D: MSD-A   |                 | Time .    | Analyzed: 15:34    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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.

00553

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                     |        |
|---------------|------------|-----------------|-----------|---------------------|--------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.:            | PANAM  |
| Lab File ID ( | Standard): | A1296.D         | Date A    | nalyzed: <u>02/</u> | /08/01 |
| Instrument i  | D: MSD-A   |                 | Time A    | Analyzed: 09:       | :23    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 678686             | 10.87 | 2434882            | 14.81 | 1330759            | 20.32 |
| Ī  | UPPER LIMIT          | 1357372            | 11.37 | 4869764            | 15.31 | 2661518            | 20.82 |
|    | LOWER LIMIT          | 339343             | 10.37 | 1217441            | 14.31 | 665380             | 19.82 |
|    | NYSDEC<br>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-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.

00554

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | Standard): | A1296.D         | Date      | Analyzed: 02/08/01 |   |
| instrument II | D: MSD-A   |                 | Time      | Analyzed: 09:23    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 1531728            | 24.99 | 811707             | 33.33 | 604374             | 37.47 |
| ľ  | UPPER LIMIT          | 3063456            | 25.49 | 1623414            | 33.83 | 1208748            | 37.97 |
|    | LOWER LIMIT          | 765864             | 24.49 | 405854             | 32.83 | 302187             | 36.97 |
|    | NYSDEC<br>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

<sup>#</sup>Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | Lab Name: FRIEND LABORATORY, INC. |           | Contract: _ |                       |     |
|---------------|-----------------------------------|-----------|-------------|-----------------------|-----|
| Lab Code:     | 10252                             | Case No.: | SAS No.:    | SDG No.: PA           | NAM |
| Lab File ID ( | (Standard):                       | A1304.D   |             | Date Analyzed: 02/09/ | /01 |
| Instrument II | D: MSD-A                          |           |             | Time Analyzed: 08:21  |     |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    | ,     |
| 01 | SBLKS26              | 1090838            | 11.03 | 3784468            | 14.92 | 2025615            | 20.43 |
| 02 | SBLKS26MS            | 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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                |          |  |
|---------------|------------|-----------------|-----------|----------------|----------|--|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No         | .: PANAM |  |
| Lab File ID ( | Standard): | A1304.D         |           | Date Analyzed: | 02/09/01 |  |
| nstrument II  | D: MSD-A   |                 |           | Time Analyzed: | 08:21    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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-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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |   |
|---------------|-------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | (Standard): | A1310.D         | Date A    | Analyzed: 02/09/01 |   |
| instrument II | D: MSD-A    |                 | Time /    | Analyzed: 15:00    |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| 01 | GPCBLK26             | 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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: _ |                     |       |
|---------------|------------|-----------------|-------------|---------------------|-------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:    | SDG No.: F          | PANAM |
| Lab File ID ( | Standard): | A1310.D         |             | Date Analyzed: 02/0 | 9/01  |
| Instrument il | D: MSD-A   |                 |             | Time Analyzed: 15:0 | 0     |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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 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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | ab 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 II | D: MSD-A                         |             | Т          | Time Analyzed: 10 | :53    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                         |     |
|---------------|------------|-----------------|-----------|-------------------------|-----|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PAN            | AM_ |
| Lab File ID ( | Standard): | A1323.D         | Date A    | nalyzed: <u>02/12/0</u> | 1   |
| Instrument II | D: MSD-A   |                 | Time A    | nalyzed: 10:53          |     |

|                     | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|---------------------|--------------------|-------|--------------------|-------|--------------------|-------|
| 12 HOUR S           | TD 3185600         | 24.97 | 2002679            | 33.34 | 1468139            | 37.49 |
| UPPER LIM           | IIT 6371200        | 25.47 | 4005358            | 33.84 | 2936278            | 37.99 |
| LOWER LIN           | AIT 1592800        | 24.47 | 1001340            | 32.84 | 734070             | 36.99 |
| NYSDEC<br>SAMPLE NO | D.                 |       |                    |       |                    |       |
| 1 TP-18             | 1987378            | 24.98 | 233584*            | 33.34 | 166123*            | 37.51 |
| PG-SM RE            | 1965141            | 25.00 | 160572*            | 33.35 | 104852*            | 37.54 |
| 3 TP-TP14 R         | E 1455045*         | 25.03 | 136290*            | 33.37 | 99716*             | 37.57 |
| 4 TP5 DUP           | 1415178*           | 25.06 | 143635*            | 33.40 | 97472*             | 37.60 |

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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |   |
|---------------|-------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | (Standard): | A1338.D         | Date      | Analyzed: 02/13/01 |   |
| Instrument II | D: MSD-A    |                 | · Time    | e Analyzed: 12:32  |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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-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.

10/95

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |
|---------------|-------------|-----------------|-----------|--------------------|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     |
| _ab File ID ( | (Standard): | A1338.D         | Date A    | Analyzed: 02/13/01 |
| nstrument li  | D: MSD-A    |                 | Time /    | Analyzed: 12:32    |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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-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.

00563

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name: FRIEND LABORATORY, INC.  Lab Code: 10252 Case No.:  Lab File ID (Standard): A1401.D |            | Contract: |          |                    |
|---|------------|-----------|----------|--------------------|
| Lab Code:   | 10252      | Case No.: | SAS No.: | SDG No.: PANAM     |
| Lab File ID (   | Standard): | A1401.D   | Date     | Analyzed: 02/20/01 |
| Instrument II   | D: MSD-A   |           | Time     | Analyzed: 11:35    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 815992             | 11.62 | 2843933            | 15.59 | 1703170            | 21.17 |
| Ī  | UPPER LIMIT          | 1631984            | 12.12 | 5687866            | 16.09 | 3406340            | 21.67 |
| ĺ  | LOWER LIMIT          | 407996             | 11.12 | 1421967            | 15.09 | 851585             | 20.67 |
|    | NYSDEC<br>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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC | C. Contract: |                |           |
|---------------|------------|----------------|--------------|----------------|-----------|
| Lab Code:     | 10252      | _ Case No.: _  | SAS No.:     | SDG No         | o.: PANAM |
| Lab File ID ( | Standard): | A1401.D        |              | Date Analyzed: | 02/20/01  |
| Instrument II | D: MSD-A   |                |              | Time Analyzed: | 11:35     |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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 |
| Ì  | LOWER LIMIT          | 1170692            | 25.35 | 755754             | 33.75 | 664977             | 37.97 |
|    | NYSDEC<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| )1 | GPCBLK44             | 2656456            | 25.85 | 1972541            | 34.25 | 1803761            | 38.49 |

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

<sup>#</sup>Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name: FRIEND LABORATORY, INC.  Lab Code: 10252 Case No.: |            | Contract:   |          |              |        |
|--|------------|-------------|----------|--------------|--------|
| Lab Code:  | 10252      | _ Case No.: | SAS No.: | _ SDG No.:   | PANAM  |
| Lab File ID (  | Standard): | A1413.D     | Date A   | Analyzed: 02 | /22/01 |
| Instrument II  | D: MSD-A   |             | Time /   | Analyzed: 08 | :09    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 772397             | 11.63 | 2767020            | 15.59 | 1694296            | 21.16 |
| Ī  | UPPER LIMIT          | 1544794            | 12.13 | 5534040            | 16.09 | 3388592            | 21.66 |
|    | LOWER LIMIT          | 386199             | 11.13 | 1383510            | 15.09 | 847148             | 20.66 |
|    | NYSDEC<br>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

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND LA   | BORATORY, INC. | Contract: |                    |  |
|---------------|-------------|----------------|-----------|--------------------|--|
| Lab Code:     | 10252       | Case No.:      | SAS No.:  | SDG No.: PANAM     |  |
| Lab File ID ( | (Standard): | A1413.D        | Date      | Analyzed: 02/22/01 |  |
| Instrument II | D: MSD-A    |                | Time      | e Analyzed: 08:09  |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 2323471            | 25.85 | 1467486            | 34.25 | 1207667            | 38.47 |
| İ  | UPPER LIMIT          | 4646942            | 26.35 | 2934972            | 34.75 | 2415334            | 38.97 |
| ĺ  | LOWER LIMIT          | 1161736            | 25.35 | 733743             | 33.75 | 603834             | 37.97 |
|    | NYSDEC<br>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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                  |     |
|---------------|-------------|-----------------|-----------|------------------|-----|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PA      | NAM |
| Lab File ID ( | (Standard): | A1423.D         | Date      | Analyzed: 02/27/ | 01  |
| Instrument II | D: MSD-A    |                 | Time      | Analyzed: 08:02  |     |

|    |                      | IS1(DCB) |       | IS2(NPT) |       | IS3(ANT) |       |
|----|----------------------|----------|-------|----------|-------|----------|-------|
|    |                      | AREA #   | RT #  | AREA #   | RT #  | 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<br>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 |
| 80 | 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-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

| Lab Name:     | FRIEND L    | ABORATORY, INC | C. Contract: |                  |         |   |
|---------------|-------------|----------------|--------------|------------------|---------|---|
| Lab Code:     | 10252       | _ Case No.: _  | SAS No.:     | SDG No.:         | PANAM   | _ |
| Lab File ID ( | (Standard): | A1423.D        | i            | Date Analyzed: 0 | 2/27/01 |   |
| instrument l  | D: MSD-A    |                | •            | Time Analyzed: 0 | 8:02    |   |

|    |              | IS4(PHN)  |       | IS5(CRY)            |       | IS6(PRY) |       |
|----|--------------|-----------|-------|---------------------|-------|----------|-------|
|    |              | AREA #    | RT #  | AREA #              | RT #  | AREA #   | RT #  |
|    | 12 HOUR STD  | 1916799   | 25.92 | 1166577             | 34.34 | 1100740  | 38.57 |
|    | UPPER LIMIT  | 3833598   | 26.42 | 233315 <del>4</del> | 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 |
| 80 | BG-SOUTH M   | 2551094   | 25.93 | 806835              | 34.34 | 497707*  | 38.60 |
| 09 | BG-SOUTH M   | D 2330532 | 25.94 | 393809*             | 34.35 | 271510*  | 38.63 |

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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |   |
|---------------|-------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | (Standard): | A1436.D         | Date      | Analyzed: 02/28/01 |   |
| Instrument I  | D: MSD-A    |                 | Tim       | e Analyzed: 10:26  |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| 01 | TP7,9                | 934743             | 11.60 | 3363574            | 15.57 | 1881901            | 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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                  |        |
|---------------|------------|-----------------|-----------|------------------|--------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.:         | PANAM  |
| Lab File ID ( | Standard): | A1436.D         | Da        | ate Analyzed: 02 | /28/01 |
| Instrument II | D: MSD-A   |                 | Tir       | me Analyzed: 10  | :26    |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| 01 | TP7,9                | 2024384            | 25.85 | 481425             | 34.26 | 307981             | 38.50 |

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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | A |
| Lab File ID ( | Standard): | A1441.D         | Date      | Analyzed: 02/28/01 |   |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 15:46    |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | Name: FRIEND LABORATORY, INC. |           | Contract:  |                        |     |
|---------------|-------------------------------|-----------|------------|------------------------|-----|
| Lab Code:     | 10252                         | Case No.: | SAS No.: _ | SDG No.: PA            | NAM |
| _ab File ID ( | Standard):                    | A1441.D   | C          | Date Analyzed: 02/28/0 | 01  |
| nstrument II  | D: MSD-A                      |           | Т          | ime Analyzed: 15:46    |     |

|     |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|-----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|     | 12 HOUR STD          | 2307650            | 25.75 | 1283224            | 34.15 | 1166794            | 38.36 |
| T   | UPPER LIMIT          | 4615300            | 26.25 | 2566448            | 34.65 | 2333588            | 38.86 |
|     | LOWER LIMIT          | 1153825            | 25.25 | 641612             | 33.65 | 583397             | 37.86 |
|     | NYSDEC<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| )1[ | TP10 RE              | 1403277            | 25.79 | 187723*            | 34.16 | 95123*             | 38.41 |

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

<sup>#</sup> Column to be used to flag values outside QC limit with an asterisk.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name: FRIEND LABORATORY, INC. |  | Contract: |        |               |     |  |
|-----------------------------------|--|-----------|--------|---------------|-----|--|
| Lab Code:                         |  |           |        |               |     |  |
| Lab File ID (                     | ab File ID (Standard): A1454.D Date Analyzed: 03/01/01 |           |        |               |     |  |
| Instrument II                     | D: MSD-A   |           | Time A | Analyzed: 10: | :54 |  |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | Standard): | A1454.D         | Date      | Analyzed: 03/01/01 |   |
| Instrument II | D: MSD-A   |                 | Time      | Analyzed: 10:54    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 1755301            | 26.03 | 979939             | 34.48 | 811871             | 38.76 |
| ı  | UPPER LIMIT          | 3510602            | 26.53 | 1959878            | 34.98 | 1623742            | 39.26 |
|    | LOWER LIMIT          | 877651             | 25.53 | 489970             | 33.98 | 405936             | 38.26 |
|    | NYSDEC<br>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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name: FRIEND LABORATORY, INC. |            | Contract: |            |                         |  |
|-----------------------------------|------------|-----------|------------|-------------------------|--|
| Lab Code:                         | 10252      | Case No.: | SAS No.: _ | SDG No.: PANAM          |  |
| Lab File ID (                     | Standard): | A1474.D   | C          | oate Analyzed: 03/02/01 |  |
| Instrument II                     | D: MSD-A   |           | Т          | ime Analyzed: 09:45     |  |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    | -     |
| 01 | TP10                 | 927948             | 11.69 | 3041270            | 15.65 | 1849801            | 21.25 |

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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                 |      |
|---------------|------------|-----------------|-----------|-----------------|------|
| Lab Code:     | 10252      | _ Case No.:     | SAS No.:  | _ SDG No.: P/   | ANAM |
| Lab File ID ( | Standard): | A1474.D         | Date A    | nalyzed: 03/02  | 2/01 |
| instrument il | D: MSD-A   |                 | Time A    | Analyzed: 09:45 | 5    |

|                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| 1 TP10               | 1773621            | 25.95 | 205444*            | 34.38 | 101383*            | 38.68 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d-8

0

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.

00577

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                |       |
|---------------|------------|-----------------|-----------|----------------|-------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: F     | PANAM |
| Lab File ID ( | Standard): | B1731.D         | Date      | Analyzed: 02/1 | 6/01  |
| instrument II | D: MSD-B   |                 | Time      | Analyzed: 08:0 | 13    |

|                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>SAMPLE NO. |                    |       |                    |       |                    |       |
| 1 SS10 DLRE          | 71118              | 10.75 | 222001             | 14.71 | 144896             | 20.24 |
| 2 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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |   |
|---------------|-------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANA      | M |
| Lab File ID ( | (Standard): | B1731.D         | Date      | Analyzed: 02/16/01 |   |
| instrument li | D: MSD-B    |                 | Time      | Analyzed: 08:03    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |
|---------------|------------|-----------------|-----------|--------------------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |
| Lab File ID ( | Standard): | B1744.D         | Date      | Analyzed: 02/19/01 |
| Instrument II | D: MSD-B   |                 | Time      | Analyzed: 14:09    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 103507             | 10.61 | 313658             | 14.58 | 205514             | 20.11 |
| 1  | UPPER LIMIT          | 207014             | 11.11 | 627316             | 15.08 | 411028             | 20.61 |
|    | LOWER LIMIT          | 51754              | 10.11 | 156829             | 14.08 | 102757             | 19.61 |
|    | NYSDEC<br>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

40/0E

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract:  |                         |
|---------------|------------|-----------------|------------|-------------------------|
| Lab Code:     | 10252      | Case No.:       | SAS No.: _ | SDG No.: PANAM          |
| Lab File ID ( | Standard): | B1744.D         |            | Date Analyzed: 02/19/01 |
| Instrument II | D: MSD-B   |                 | Т          | īme Analyzed: 14:09     |

|    |             | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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      |                    |       |                    |       |                    |       |
| L  | 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-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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |          |
|---------------|------------|-----------------|-----------|--------------------|----------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     | <u>ı</u> |
| Lab File ID ( | Standard): | B1754.D         | Date      | Analyzed: 02/20/01 |          |
| Instrument II | D: MSD-B   |                 | Time      | Analyzed: 10:15    |          |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:    | FRIEND L    | ABORATORY, INC. | Contract: |                    |
|--------------|-------------|-----------------|-----------|--------------------|
| Lab Code:    | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     |
| Lab File ID  | (Standard): | B1754.D         | Date      | Analyzed: 02/20/01 |
| Instrument I | D: MSD-B    |                 | Time      | e Analyzed: 10:15  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
| ĺ  | 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<br>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-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

00583

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |
|---------------|------------|-----------------|-----------|--------------------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |
| Lab File ID ( | Standard): | B1790.D         | Date A    | Analyzed: 02/22/01 |
| Instrument il | D: MSD-B   |                 | Time /    | Analyzed: 14:20    |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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 |
| 80 | 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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     |            |           | Contract: |                      |  |
|---------------|------------|-----------|-----------|----------------------|--|
| Lab Code:     | 10252      | Case No.: | SAS No.:  | SDG No.: PANAM       |  |
| Lab File ID ( | Standard): | B1790.D   | Date      | e Analyzed: 02/22/01 |  |
| instrument II | D: MSD-B   |           | Tim       | e Analyzed: 14:20    |  |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>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<br>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 |
| 80 | 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-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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L    | ABORATORY, INC. | Contract: |                    |   |
|---------------|-------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252       | Case No.:       | SAS No.:  | SDG No.: PANAM     | _ |
| Lab File ID ( | (Standard): | B1802.D         | Date      | Analyzed: 02/27/01 |   |
| instrument II | D: MSD-B    |                 | Time      | Analyzed: 11:48    |   |

|    |                      | IS1(DCB)<br>AREA # | RT #  | IS2(NPT)<br>AREA # | RT #  | IS3(ANT)<br>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<br>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.

<sup>\*</sup> Values outside of contract required QC limits

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                    |   |
|---------------|------------|-----------------|-----------|--------------------|---|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.: PANAM     |   |
| Lab File ID ( | Standard): | B1802.D         | Date      | Analyzed: 02/27/01 | _ |
| Instrument II | D: MSD-B   |                 | Time      | Analyzed: 11:48    |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #          | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|---------------|--------------------|-------|
|    | 12 HOUR STD          | 675994             | 24.62 | 508162             | 32.97         | 246081             | 37.11 |
| Ī  | UPPER LIMIT          | 1351988            | 25.12 | 1016324            | 33.47         | 492162             | 37.61 |
|    | LOWER LIMIT          | 337997             | 24.12 | 254081             | 32.47         | 123041             | 36.61 |
|    | NYSDEC<br>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*            | 172338* 32.98 |                    | 37.12 |
| 04 | SS9                  | 590871             | 24.65 | 78659*             | 32.98         | 33363*             | 37.14 |

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

00587

### 10B PCB IDENTIFICATION SUMMARY

EPA SAMPLE NO.

FOR MULTICOMPONENT ANALYTES

Lab Name:

Contract:

L62601-19

Lab Code: Case No.: SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-19

Date(s) Analyzed: 01/24/bl 01/26/bl

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

| ANALYTE                  | PEAK                  | RT  | RT W.                                     | INDOW<br>TO                               | CONCENTRATION                        | MEAN<br>CONCENTRATION | %D   |
|--------------------------|-----------------------|---|---|---|--------------------------------------|-----------------------|------|
| Aroclor-1254<br>COLUMN 1 | 1<br>2<br>3<br>4<br>5 | 13.77<br>14.14<br>14.82<br>15.84<br>16.53 | 13.67<br>14.06<br>14.74<br>15.75<br>16.44 | 14.94                                     | 0.03<br>0.01<br>0.02<br>0.04<br>0.07 | 0.03                  |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 | 12.43<br>13.86<br>14.45<br>14.85<br>15.43 | 12.34<br>13.76<br>14.36<br>14.75<br>15.33 | 12.54<br>13.96<br>14.56<br>14.95<br>15.53 | 0.02<br>0.04<br>0.04<br>0.04<br>0.05 | 0.04                  | 33.3 |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |                       |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |                       |      |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |                       |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |                       |      |

L62601-38

Lab Name:

Contract:

Lab Code: Case No.: SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-38 Date(s) Analyzed: 01/25 £1 01/26 £1

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

| I                        |                       | 1   | DOI W                                     | INDOW                                     | T                                    | MEAN | т     |
|--------------------------|-----------------------|---|---|---|--------------------------------------|------|-------|
| ANALYTE                  | PEAK                  | RT  | FROM                                      | TO  | CONCENTRATION                        |      | %D    |
| Aroclor-1254<br>COLUMN 1 | 1<br>2<br>3<br>4<br>5 | 13.77<br>14.16<br>14.83<br>15.85<br>16.54 | 13.67<br>14.06<br>14.74<br>15.75<br>16.44 | 13.87<br>14.26<br>14.94<br>15.95<br>16.64 | 0.01<br>0.02<br>0.03<br>0.03<br>0.03 | 0.00 |       |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 | 12.43<br>13.86<br>14.84<br>15.43          | 12.34<br>13.76<br>14.75<br>15.33          | 12.54<br>13.96<br>14.95<br>15.53          | 0.02<br>0.02<br>0.03<br>0.03         | 0.02 | 999.9 |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |      |       |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |      |       |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |      |       |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |   |   |   |                                      |      |       |

#### 10B PCB IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

Lab Name:

Contract:

L62601-65

Lab Code: Case No.: SAS No.: SDG No.: ASP17

Lab Sample ID: L62601-65 Date(s) Analyzed: 01/25/d 01/26/1

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

|                          |                       |                                  | ש יחס                            | INDOW                            | T                            | MEAN |            |
|--------------------------|-----------------------|----------------------------------|----------------------------------|----------------------------------|------------------------------|------|------------|
| ANALYTE                  | PEAK                  | RT                               | FROM                             | TO                               | CONCENTRATION                |      | <b>%</b> D |
| Aroclor-1254<br>COLUMN 1 | 1<br>2<br>3<br>4<br>5 | 13.77<br>14.16<br>14.83<br>15.85 | 13.67<br>14.06<br>14.74<br>15.75 | 13.87<br>14.26<br>14.94<br>15.95 | 0.11<br>0.16<br>0.25<br>0.28 | 0.20 |            |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 | 12.44<br>13.87<br>14.47<br>14.86 | 12.34<br>13.76<br>14.36<br>14.75 | 12.54<br>13.96<br>14.56<br>14.95 | 0.17<br>0.25<br>0.26<br>0.48 | 0.29 | 45.0       |
|                          | 1                     |                                  |                                  |                                  |                              |      |            |
| COLUMN 1                 | 2<br>3<br>4<br>5      |                                  |                                  |                                  |                              |      |            |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |                                  |                              |      |            |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |                                  |                              |      |            |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |                                  |                              |      |            |

#### 10B PCB IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

L62601-66

Lab Name: Lab Code:

Case No.: SAS No.:

Contract:

SDG No.: ASP17

Lab Sample ID: L62601-66 Date(s) Analyzed: 01/25/1 01/26/1

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

| ANALYTE                  | PEAK                  | RT                               | RT W.                            | INDOW<br>TO | CONCENTRATION                | MEAN<br>CONCENTRATION | %D   |
|--------------------------|-----------------------|----------------------------------|----------------------------------|-------------|------------------------------|-----------------------|------|
| Aroclor-1254<br>COLUMN 1 | 1<br>2<br>3<br>4<br>5 | 14.16<br>14.81<br>15.85<br>16.54 | 14.06<br>14.74<br>15.75<br>16.44 | 14.94       | 0.04<br>0.23<br>0.09<br>0.19 | 0.14                  |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 | 13.87<br>14.47<br>14.86<br>15.45 | 13.76<br>14.36<br>14.75<br>15.33 |             | 0.06<br>0.09<br>0.11<br>0.08 | 0.09                  | 55.6 |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |             |                              |                       |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |             |                              |                       |      |
| COLUMN 1                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |             |                              |                       |      |
| COLUMN 2                 | 1<br>2<br>3<br>4<br>5 |                                  |                                  |             |                              |                       |      |

## SPIKE SAMPLE RECOVERY

|                  |              |     |           | BG-SOUTH S |
|------------------|--------------|-----|-----------|------------|
| ab Name: FRIEND_ | LABORATORY,_ | INC | Contract: |            |

Lab Code: 10252 Case No.: \_\_\_\_ SDG No.: TRINIDAD

: atrix (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<br>Limit<br>%R | Spiked Sample<br>Result (SSR) | С | Sample<br>Result (SR) | С   | Spike<br>Added (SA) | &R     | Q   | М  |
|------------------------|------------------------|-------------------------------|---|-----------------------|-----|---------------------|--------|-----|----|
| Aluminum_              |                        |                               |   |                       |     |                     |        |     | NR |
| 'Antimony_             | _75-125                | 20.4738_                      |   | 2.7515                | U   | 55.03_              | 37.2   |     |    |
| 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 T               | 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 |
| <sub>L</sub> 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                | ็บไ | 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

מס\_יים מיים

|     |       |         |             |      |           | TP-TP1,2 S | ı |
|-----|-------|---------|-------------|------|-----------|------------|---|
| Lab | Name: | FRIEND_ | LABORATORY, | _INC | Contract: |            |   |
|     |       |         |             |      |           |            |   |

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<br>Limit<br>%R | Spiked Sample<br>Result (SSR) | С      | Sample<br>Result (SR) | С   | Spike<br>Added (SA) | &R    | Q   | М   |
|------------------|------------------------|-------------------------------|--------|-----------------------|-----|---------------------|-------|-----|-----|
| Aluminum_        |                        |                               |        |                       |     |                     |       |     | NR  |
| _Antimony_       | _75-125_               | 25.5572                       |        | 3.8105                | В   | 54.78_              | 39.7  |     | P_  |
| Arsenic          | _75-125_               | 8.3008                        |        | 3.8174                |     | 4.91                | 91.3  |     | F_  |
| _3arium          | _75-125_               | 275.7496                      |        | 86.1718_              |     | 219.11              | 86.5  |     | P_  |
| Beryllium        |                        | 5.2252                        |        | 0.5091                | В   | 5.48                | 86.1  |     | P_  |
| Cadmium_         | 75-125                 | 4.9670                        |        | 0.4503                | [ט] | 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  |
| <b>Manganese</b> |                        | 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  | - 7 | P   |
| ?otassium        |                        |                               |        |                       |     |                     |       |     | NR  |
| _Selenium_       | 75-125_                | 1.3374                        |        | 0.2097                | Ū   | 1.23                | 108.7 |     | F   |
| Silver           | 75-125                 | 4.9687                        | П      | 0.6754                | ับไ | 5.48                | 90.7  |     | P   |
| 5odium           | 7                      |                               | T      |                       | 1   |                     |       |     | NR  |
| [hallium]        | 75-125                 | 6.4454                        | $\neg$ | 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                      | 1      | 118.2522              |     | 54.78               | 78.5  |     | P   |
| Cyanide_         | 75-125                 | 5.5752                        |        | 0.8506                |     | 5.59                | 84.5  |     | AS  |
|                  |                        |                               |        |                       |     |                     |       |     |     |

| on | nments | :: |      |     |      |  |  |
|----|--------|----|------|-----|------|--|--|
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Form V (Part 1) - IN

POST DIGEST SPIKE SAMPLE RECOVERY

BG-SOUTH A

Inb Name: FRIEND\_LABORATORY,\_INC.\_\_ Contract:\_\_\_\_ BG-SOUTH A

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

Nutrix (soil/water):SOIL\_ Level (low/med):LOW\_\_\_

Concentration Units: ug/L

| Analyte         | Control<br>Limit<br>%R | Spiked Sample<br>Result (SSR) | С       | Sample<br>Result (SR) | С | Spike<br>Added (SA) | <b>%</b> R | Q | М   |
|-----------------|------------------------|-------------------------------|---------|-----------------------|---|---------------------|------------|---|-----|
| Aluminum_       |                        |                               |         |                       |   |                     |            |   | NR  |
| \ntimony_       |                        | 961.20_                       |         | 25.00                 | U | 1000.0              | 96.1       |   | _P_ |
| rsenic          |                        |                               |         |                       |   |                     |            |   | NR  |
| Barium          |                        |                               | $\perp$ |                       |   |                     |            |   | NR  |
| Beryllium       |                        |                               |         |                       |   |                     |            |   | NR  |
| :admium         |                        |                               | Ш       |                       |   |                     |            |   | NR  |
| [alcium]        |                        |                               |         |                       |   |                     |            |   | NR  |
| Chromium_       |                        |                               |         |                       |   |                     |            |   | ĹNR |
| Cobalt          |                        |                               |         |                       |   |                     |            |   | LNR |
| Copper          |                        |                               | $\perp$ |                       |   |                     |            |   | ĹNR |
| [ron            |                        |                               |         | \                     |   |                     |            |   | ĹNR |
| Lead            |                        |                               |         | `                     |   |                     |            |   | ĹNR |
| 1agnesium       |                        |                               |         |                       |   |                     |            |   | LNR |
| .1anganese      |                        |                               |         |                       |   |                     |            |   | LNR |
| Mercury         |                        |                               |         |                       |   |                     |            |   | NR  |
| Nickel          |                        |                               | Ш       |                       |   |                     |            |   | NR  |
| ?otassium       |                        |                               |         |                       |   |                     |            |   | NR  |
| ${	t Selenium}$ |                        |                               |         |                       |   |                     |            |   | NR  |
| Silver          |                        |                               |         |                       |   |                     |            |   | NR  |
| 5odium_         |                        |                               |         |                       |   |                     |            |   | NR  |
| Thallium        |                        |                               |         |                       |   |                     |            |   | NR  |
| Vanadium 🗌      |                        |                               |         |                       |   |                     |            |   | NR  |
| Zinc            |                        |                               |         |                       |   |                     |            |   | NR  |
| Cyanide         |                        |                               |         |                       |   |                     |            |   | NR  |

| om. | ments: |  |  |  |  |
|-----|--------|--|--|--|--|
| -   |        |  |  |  |  |
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Form V (Part 2) - IN

NIDDEO CIERLE I.C.

|     |       |         |              |     |           | TP-TPI,2 | A |
|-----|-------|---------|--------------|-----|-----------|----------|---|
| 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<br>Limit<br>%R | Spiked Sample<br>Result (SSR) | С       | Sample<br>Result (SR) | С        | Spike<br>Added (SA) | ₹R   | Q | М           |
|--------------------|------------------------|-------------------------------|---------|-----------------------|----------|---------------------|------|---|-------------|
| Aluminum_          |                        |                               |         |                       |          |                     |      |   | NF          |
| Antimony_          |                        | 1009.50_                      |         | 33.85                 | ĮΒļ      | 1000.0_             | 97.6 |   | <b>_</b> ₽_ |
| \rsenic            |                        |                               |         |                       | Ш        |                     |      |   | _NF         |
| 3arium             |                        |                               | Ш       |                       | Ш        |                     |      |   | ŲNF         |
| Beryllium          |                        |                               |         |                       | Ш        |                     |      |   | LNF         |
| Cadmium_           |                        |                               |         |                       | Ш        |                     |      |   | ĹNF         |
| Calcium_           |                        |                               |         |                       |          |                     |      |   | NF          |
| Chromium_          |                        |                               |         |                       |          |                     |      |   | NF          |
| Cobalt             |                        |                               |         |                       |          |                     |      |   | NF          |
| Copper             |                        |                               |         |                       | $\sqcup$ |                     |      |   | ŲNF         |
| Iron               |                        |                               | $\perp$ |                       | Ш        |                     |      |   | NF          |
| Lead               |                        |                               |         |                       |          |                     |      |   | NF          |
| <b>lagnesium</b>   |                        |                               |         |                       |          |                     |      |   | NF          |
| ſanganese          |                        |                               |         |                       |          |                     |      |   | NF          |
| Mercury            |                        |                               | 4       |                       |          |                     |      |   | NF          |
| Nickel             |                        |                               |         |                       |          |                     |      |   | NF          |
| ?otassium          |                        |                               |         |                       |          |                     |      |   | NF          |
| Jelenium_          |                        |                               | _       |                       |          |                     |      |   | NF          |
| Silver             |                        |                               |         |                       |          |                     |      |   | NF          |
| 3odium_            |                        |                               | $\perp$ |                       | $\sqcup$ |                     |      |   | NR          |
| [hallium_          |                        |                               |         |                       | $\sqcup$ |                     |      |   | NR          |
| Vanadium_          |                        |                               |         |                       |          |                     |      |   | NF          |
| Zinc               |                        |                               |         |                       |          |                     |      |   | NF          |
| <pre>Jyanide</pre> |                        |                               |         |                       |          |                     |      |   | NR          |

| omments: |      |      |      |      |  |
|----------|------|------|------|------|--|
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#### DUPLICATES

|      |              |             |       |           | BG-SOUTH | D |
|------|--------------|-------------|-------|-----------|----------|---|
| ab N | lame: FRIEND | LABORATORY, | _INC. | Contract: |          |   |

|  | Lab | Code: 10252_ | Case No.: | SAS No.: | SDG No.: TRINIDA |
|--|-----|--------------|-----------|----------|------------------|
|--|-----|--------------|-----------|----------|------------------|

latrix (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<br>Limit | Sample (S)  | С   | Duplicate (D) | С    | RPD   | Q  | М    |
|------------|------------------|-------------|-----|---------------|------|-------|----|------|
| 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      | שׁ  | 0.7493        | ่ไบ่ |       |    | P    |
| Sodium     | 624.3756         | 127.3829    | ŢΒ∏ | 121.1748      | TΒT  | 5.0   |    | P    |
| Thallium   | 1.1293           | 0.2572      | ไบไ | 0.2259        | Tul  |       |    | F    |
| [Vanadium] | 6.2438           | 28.5308     |     | 25.1375       | T    | 12.6  |    | P    |
| Zinc       |                  | 352.2551    |     | 364.8696      |      | 3.5   |    | P    |
| Cyanide    | 0.6317           | 1.5145      |     | 0.5329        |      | 95.9  | *  | AS   |
|            |                  |             |     |               |      |       |    |      |

TP-TP1,2 D

Lab Name: FRIEND\_LABORATORY, \_INC. Contract: \_\_\_\_\_

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<br>Limit | Sample (S)  | С    | Duplicate (D) | С          | RPD   | Q   | М    |
|------------|------------------|-------------|------|---------------|------------|-------|-----|------|
| Aluminum   |                  | 8609.4566_  |      | 8709.361      | 2          | 1.2   |     | _P   |
| Antimony_  | 7.3620           | 3.8105_     | ∐B∐  | 3.067         | 5U_        | 200.0 |     | _P   |
| _Arsenic   | 1.7331           | 3.8174_     |      | 4.064         |            | 6.3   |     | _F_  |
| Barium     | 24.5399          | 86.1718_    |      | 92.032        |            | 6.6   |     | _P   |
| Beryllium  | 0.6135           | 0.5091_     | В    | 0.442         |            | 14.0  |     | _P   |
| _Cadmium   | 0.6135           | 0.4503_     | _U_  | 0.490         | 8_TnT      |       | _   | _P   |
| _Calcium   | [12269.9387]     | 85197.1381_ |      | 45111.410     |            | 61.5  | _*_ | _P   |
| Chromium_  |                  | 12.3604_    |      | 11.887        |            | 3.9   |     | _P   |
| _Cobalt    | 6.1350           | 7.4298_     |      | 6.257         |            | 17.1  |     | _P   |
| Copper     |                  | 29.0464_    |      | 31.622        |            | 8.5   |     | LP_  |
| _Iron      |                  | 15356.4949_ |      | 15107.903     |            | 1.6   |     | _P   |
| Lead       |                  | 152.8402_   |      | 142.931       | 88         | 6.7   |     | _P   |
| Magnesium  |                  | 13206.9987_ |      | 10000.961     | 0          | 27.6  | _*_ | _P   |
| Manganese  |                  | 422.3622    |      | 379.013       | 4          | 10.8  |     | _P   |
| Mercury    |                  | 0.1066_     |      | 0.223         |            | 70.6  | _*_ | _CV] |
| Nickel     | 4.9080           | 16.4439     |      | 14.588        |            | 12.0  |     | _P   |
| Potassium  | 613.4969         | 1552.7924_  |      | 1219.386      | 0          | 24.1  |     | _P   |
| _Selenium_ | 0.5199           | 0.2097_     | U    | 0.208         | 0U_        |       |     | F_   |
| Silver     | 1.2270           | 0.6754      | _ַบ_ | 0.736         | 2U_        |       |     | _P   |
| Sodium     | 613.4969         | 206.0218    | ТвГ  | 161.938       | 2∏B]       | 24.0  |     | P    |
| Thallium   | 1.0398           | 0.2097      | ไบไ  | 0.208         | o⊤u⊺       |       |     | F    |
| Vanadium   | 6.1350           | 18.8103     | TT   | 18.365        | 4 🗍 📗      | 2.4   |     | [P]  |
| Zinc       |                  | 118.2522    |      | 121.549       | 4          | 2.7   |     | P_   |
| Cyanide    | 0.5916           | 0.8506      |      | 0.177         | 5 <u>U</u> | 200.0 | *   | AS   |
|            |                  |             |      |               |            |       |     |      |

ICE SEKTATI DITIOLITORS

BG-N-NW L

| 1 | ab | Name: | FRIEND | LABORA | TORY, | INC. | • |
|---|----|-------|--------|--------|-------|------|---|
|   |    |       | -      |        |       | _    | _ |

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

Lab Code: 10252 Case No.: SAS No.: SDG No.: TRINIDAD

"atrix (soil/water):SOIL\_

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

Concentration Units: ug/L

| Analyte     | Initial Sample<br>Result (I) | С   | Serial<br>Dilution<br>Result (S) | С | %<br>Differ-<br>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                | $\sqcup$ | _P   |
| Cadmium     | 4.08_                        | В   | 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 <sub>_</sub> _  |          | _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                           | В | 6.8                  |          | P    |
| Zinc        | 1428.49                      |     | 1528.15                          |   | 7.0                  |          | _P   |
|             |                              |     |                                  |   |                      |          |      |

ICP SERIAL DILUTIONS

|   |     |        |             |             |     |           | SS9 L |
|---|-----|--------|-------------|-------------|-----|-----------|-------|
| - | a ħ | Mamo.  | תואים ד סים | LABORATORY, | TNC | Contract: |       |
| - | 1D  | Manne: | EVIEND      | THEORY OKI, | TMC | Contract. |       |

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

latrix (soil/water):SOIL\_\_ Level (low/med):LOW\_\_\_

Concentration Units: ug/L

| Analyte     | Initial Sample<br>Result (I) | С   | Serial<br>Dilution<br>Result (S) | С        | %<br>Differ-<br>ence | Q | М    |
|-------------|------------------------------|-----|----------------------------------|----------|----------------------|---|------|
| Aluminum    | 62622.87_                    |     | 65636.81_                        | $\sqcup$ | 4.8_                 |   | _P   |
| Antimony    | 25.00                        | U   | 125.00_                          | U        |                      |   | _P   |
| Arsenic     |                              |     |                                  |          |                      |   | _NR_ |
| Barium      | 430.52                       |     | 438.14_                          | LB⊥      | 1.8_                 |   | _P   |
| Beryllium_  | 4.19_                        | B   | 5.00_                            | U        | 1 <del>-00.</del> 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_                          | В        | 2.3                  |   | _P   |
| Zinc        | 773.85                       |     | 815.57                           |          | 5.4_                 |   | _P   |
|             |                              |     |                                  |          |                      |   |      |

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| 200 ( / 01/10)             |               | C-1111         |                |                  | <del></del> |
|----------------------------|---------------|----------------|----------------|------------------|-------------|
| Lab Code:                  | Case No.:     | SAS No.:_      |                | SEG No.:         |             |
| Matrix: (soil/vater)       |               |                | Lab Sam;       | oia 10: Llo2601- | 69          |
| Sample without!            |               |                |                | o: A1148.d       |             |
| Levei: (low/med)           |               |                |                | eined:           |             |
| % Meisture: decanted: (Y   |               |                |                | iced:            |             |
|                            |               |                |                |                  |             |
| Concentrated Extract Volum |               |                |                | /: Ed:           |             |
| Injection Volume:          |               |                | Oilution Fa    | c:r              | -           |
| GPC Clashup: (Y/N)         | # <u></u>     |                |                |                  |             |
|                            |               |                | CONCEN         | TRATION UNITS:   |             |
| Number TICs found:         |               |                | (೨೯೭ :         | : ug/Kg)         |             |
| CAS NUMBER                 | COMPOUND NAME |                | RT             | EST. CONC.       | i c         |
| 1.                         |               |                | !              |                  | !           |
| 2.                         |               | 1              |                |                  | 1           |
| 3.                         |               |                | .              |                  | <u> </u>    |
| 5.                         |               |                | ·              |                  | 1           |
| 6.                         |               | <del></del>    | <u> </u>       |                  | !           |
| 7.                         |               | <u>-</u>       | i              |                  |             |
| ٤.                         |               | i              | i              |                  |             |
| <u>ç.</u>                  |               |                |                |                  |             |
| 11.                        |               |                | !              |                  |             |
| 12.                        |               |                |                | :                |             |
| 13.                        |               | <del></del>    |                |                  |             |
| 14.                        |               | <del></del> i  | <u>-</u>       | 1                | į           |
| 15.                        |               | i              | • !            | İ                | ;           |
| 16.                        |               |                |                |                  |             |
| 17.                        |               |                |                |                  |             |
| 19.                        |               |                | <del>-</del> i |                  |             |
| 20.                        |               | <del>- i</del> | <u>;</u>       |                  |             |
| 21.                        |               |                | l              | l                | -           |
| 22.                        |               |                |                |                  |             |
| 4.                         |               |                |                | (†               |             |
| 5.                         |               |                |                | 1                |             |
| 6.                         |               |                |                | <u> </u>         |             |
| 7.                         |               | i              | j              | İ                |             |
| 3.                         |               | I              | 1              |                  |             |
|                            |               |                |                |                  | <u>i</u>    |
| 3.                         | SCSULC: 3     |                | .1             |                  |             |

1/3/1/22/01 10/35

#### 1B

NYSDEC SAMPLE NO.

Q

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Subscrift | 6 | RINSATE | #2 |
|-----------|---|---------|----|

|    | -  |
|----|----|
| 74 | -1 |

Lab Name: FRIEND LABORATORY, INC. Contract: SAS No.: SDG No.: PANAM Case No.: Lab Code: 10252 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: Date Extracted: 01/17/01 decanted:(Y/N) Ν 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:

CAS NO. COMPOUND

#### **CONCENTRATION UNITS:**

(ug/L or ug/Kg) UG/L

| CAS 140.         | COMPOUND                     | (ug/L or ug/Kg) OG/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 |
| 9 <b>5</b> -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 |
| 7 <b>8-59-1</b>  | 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-Mathylnaphthalene          | 12                   | U |
| 77-47-4          | Hexachlorocyclopentadiene    | 12                   | U |
| 88-06-2          | 2,4,3-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                   | Ū |
| 83-32-9          | Acenaphthene                 | 12                   | Ū |
| 51-28-5          | 2,4-Dinitrophenol            | 30                   | U |
| 100-02-7         | 4-Nitrophenol                | 30                   | Ū |
| 132-64-9         | Dibenzofuran                 | 12                   | Ü |
| 121-14-2         | 2,4-Dinitrotoluene           | 12                   | Ü |

Grandwater samples

#### 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** 

# TABLE OF CONTENTS

|      |       |   | Page No. |
|------|-------|---|----------|
| I.   | INTRO | DDUCTION  | 1        |
| П.   | ANAL  | YTICAL METHODOLOGIES  | 1        |
| Ш.   | DATA  | DELIVERABLE COMPLETENESS  | 2        |
| IV.  | HOLD  | ING TIMES   | 2        |
| V.   | QUAL  | ITY CONTROL DATA  | 2        |
|      | A.    | Quality Control Blanks  | 2        |
|      | B.    | Instrument Tune Criteria  | 3        |
|      | C.    | Initial and Continuing Calibrations                             | 3        |
|      | D.    | Surrogate/Internal Standard Recoveries                          | 3        |
|      | E.    | Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank Analyses | 4        |
|      | F.    | Matrix Duplicate (Metals Only)                                  | 5        |
|      | G.    | Laboratory Control Samples (Metals Only)                        | 5        |
|      | H.    | Contract Required Detection Limit Standards (Metals Only)       | 5        |
|      | I.    | Serial Dilutions (Metals Only)                                  | 5        |
|      | J.    | Field Duplicates  | 5        |
|      | K.    | Total/Dissolved Metals  | 5        |
| VI.  | SAMP  | LE RESULTS  | 6        |
|      | A.    | Sample Receipt and Preservation                                 | 6        |
|      | B.    | Quantitation Limits   | . 6      |
| VII. | SUMM  | IARY  | . 6      |
|      |       |   |          |

# **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).

1

# 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>  | Method No. |
|---|------------|
| 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)<br>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.

2

# 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. <u>Surrogate/Internal Standard Recoveries</u>

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- $d_{14}$  (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- $d_{14}$  (i.e., <33% but >10%) and a low recovery for IS chrysene- $d_{12}$ . All BN compounds were qualified as estimated "UJ." This sample also exhibited an extremely low area count for IS perylene- $d_{12}$  (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- $d_{12}$  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- $d_{12}$  (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. <u>Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank Analyses</u> (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. <u>Laboratory Control Samples (Metals Only)</u>

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.

5

# 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 requiremencs. 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.

6

# **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<br>Date | TCL VOCs<br>(ASP 95-1) <sup>1</sup> | TCL SVOCS<br>(ASP 95-2) 1 | TCL PEST/PCB<br>(ASP 95-3) <sup>1</sup> | Total/Dissolved<br>TAL Metals and Cyanide<br>(CLP-M) <sup>1</sup> | Comments  |
|---------------|---------------------------|-------------------------------------|---------------------------|---|---|-----------|
| GROUNDWATE    | RSAMPLES                  |                                     |                           |   |   |           |
| TP-MW-01      | 1/14/02                   | X                                   | Х                         | X                                       | X   |           |
| TP-MW-02      | 1/14/02                   | X                                   | Χ                         | X                                       | X   | MS/MSD/MD |
| TP-MW-03      | 1/14/02                   | X                                   | Χ                         | X                                       | X   |           |
| TP-MW-04      | 1/14/02                   | X                                   | Χ                         | X                                       | X   |           |
| TP-MW-05      | 1/14/02                   |                                     | Χ                         |   |   |           |
| TP-MW-06      | 1/14/02                   |                                     | X                         |   |   |           |
| FIELD QC SAMI | PLES                      |                                     |                           |   |   |           |
| 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)

| NYSDEC SAMPLE NO | N | /SD | EC | SAMP | LE | NO |
|------------------|---|-----|----|------|----|----|
|------------------|---|-----|----|------|----|----|

|                | ١        | /OLATHE   |           | ALVOID DATA OUTE            |                      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | O/ 11411 |      |
|----------------|----------|-----------|-----------|-----------------------------|----------------------|---|----------|------|
| Lab Name:      |          |           |           | ALYSIS DATA SHEE  Contract: |                      | M                                       | IW-01    |      |
| Lab Code:      | 10252    | Ca        | se No.:   | SAS No.:                    | SDG                  | No.:                                    | PANAN    | 1    |
| Matrix: (soil/ | water)   | WATER     |           | Lab Sampl                   | —<br>e ID: <u>L8</u> | 2384-1                                  |          |      |
| Sample wt/v    | ol:      | 5.0       | (g/ml) ML | Lab File ID                 | : D1                 | 666.D                                   |          |      |
| Level: (low/   | med)     | LOW       |           | Date Recei                  | ived: 01             | /15/02                                  |          |      |
| % Moisture:    | not dec. |           |           | Date Analy                  | zed: 01              | /17/02                                  |          |      |
| GC Column:     | RTX-6    | 24 ID: 0. | 53 (mm)   | Dilution Fa                 | ctor: <u>1.0</u>     | )                                       |          |      |
| Soil Extract   | Volume:  |           | (uL)      | Soil Aliquot                | t Volume             | :                                       |          | (uL) |
|                |          |           |           | CONCENTR                    | ATION L              | JNITS.                                  |          |      |
| CAS NO         | ٥.       | COMP      | OUND      | (ug/L or ug/K               | (g) <u>UG/L</u>      |   | _ Q      |      |
| 74-87-         | -3       | Chlor     | omethane  |                             |                      | 10                                      | U        |      |
| 74-83-         | -9       | Brom      | omethane  |                             |                      | 10                                      | U        |      |
| 75-01-         | -4       | Vinvl     | Chloride  |                             |                      | 10                                      | U        |      |

|            | 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          | 1-0                  | 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   |  |
|            | 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:           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)           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)           CONCENTRATION UNITS:           (ug/L or ug/Kg)         UG/L           CAS NO.         COMPOUND NAME         RT         EST. CONC.         Q |                 |         |             |           |         |              |               | r       | MW-01      |      |
|---|-----------------|---------|-------------|-----------|---------|--------------|---------------|---------|------------|------|
| 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)           CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L  | Lab Name:       | FRIEND  | LABORAT     | ORY, INC. | Contrac | t:           |               |         |            |      |
| 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   | Lab Code:       | 10252   | Cas         | se No.:   | SAS     | No.:         | _ ടമ          | 3 No.:  | PANAN      | Λ    |
| 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   | Matrix: (soil/w | rater)  | WATER       | _         | l       | ab Sample    | ID: L         | 82384-  | 1          |      |
| % Moisture: not dec.  GC Column: RTX-624 ID: 0.53 (mm)  Soil Extract Volume: (uL)  CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L  | Sample wt/vo    | ol:     | 5.0         | (g/ml) ML | L       | ab File ID:  | D             | 1666.0  | )          |      |
| 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   | Level: (low/m   | ned)    | LOW         | _         | (       | Date Receiv  | /ed: <u>0</u> | 1/15/02 | 2          |      |
| Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)  CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L  | % Moisture: n   | ot dec. |             |           | [       | Date Analyz  | zed: <u>0</u> | 1/17/02 | 2          |      |
| CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L   | GC Column:      | RTX-6   | 324 ID: 0.5 | 53_ (mm)  | [       | Dilution Fac | tor. <u>1</u> | .0      |            |      |
| Number TICs found: 1 (ug/L or ug/Kg) UG/L   | Soil Extract V  | olume:  |             | _ (uL)    | 5       | Soil Aliquot | Volum         | e:      |            | (uL) |
| CAS NO. COMPOUND NAME RT EST. CONC. Q   | Number TICs     | found:  | 1           |           |         |              |               |         | <b>S</b> : |      |
| CAS NO. COMPOUND NAME RT EST. CONC. Q   |                 |         |             |           |         |              |               |         |            |      |
|   | CAS NO.         |         | COMPOU      | IND NAME  |         | RT           | EST           | . CON   | c. ;       | Q    |

1A

NYSDEC SAMPLE NO.

|                 | \         | OLATILE (  | DRGANI  | CS ANAL | YSIS DATA | SHEET                           |          |       |      |
|-----------------|-----------|------------|---------|---------|-----------|---------------------------------|----------|-------|------|
| Lab Name:       | FRIEND    | LABORAT    | ORY, IN | IC.     | Contract: |                                 | M        | W-02  |      |
| Lab Code:       | 10252     | Cas        | se No.: |         | _ SAS No. | .: s                            | DG No.:  | PANAM |      |
| Matrix: (soil/v | water)    | WATER      | _       |         | Lab       | Sample ID:                      | L82384-3 |       |      |
| Sample wt/vo    | ol:       | 5.0        | (g/ml)  | ML      | Lab       | File ID:                        | D1667.D  |       |      |
| Level: (low/n   | ned)      | LOW        | _       |         | Dat       | e Received:                     | 01/15/02 |       |      |
| % Moisture: r   | not dec.  |            |         |         | Dat       | e Analyzed:                     | 01/17/02 |       |      |
| GC Column:      | RTX-6     | 24 ID: 0.5 | 3 (m    | m)      | Dilu      | ition Factor:                   | 1.0      |       |      |
| Soil Extract V  | /olume: ˌ |            | _ (uL)  |         | Soil      | Aliquot Volu                    | ıme:     |       | (uL) |
| CAS NO          | ).        | COMPO      | DUND    |         |           | CENTRATIC<br>or ug/Kg) <u>U</u> |          | _ Q   |      |

| 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             | i 10 i               | 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 |
|                   | 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 TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

| Lab Name:                                 | FRIEND             | LABORATOR   | Y, INC. | Contrac | ≭:                      |       | M            | 1W-02 |      |     |
|---|--------------------|-------------|---------|---------|-------------------------|-------|--------------|-------|------|-----|
| Lab Code:                                 | 10252              | Case N      | 10.:    | SAS     | No.:                    | SE    | OG No.:      | PANAI | М    |     |
| Matrix: (soil/v                           | vater)             | WATER       |         | 1       | Lab Sample              | e ID: | L82384-      | 3     |      |     |
| Sample wt/vo                              | oi:                | 5.0 (g      | /ml) ML |         | Lab File ID:            |       | D1667.D      |       | _    |     |
| Level: (low/med) LOW % Moisture: not dec. |                    |             |         | 1       | Date Received: 01/15/02 |       |              |       |      |     |
| % Moisture: r                             | not dec.           |             |         | 1       | Date Analyz             | zed:  | 01/17/02     |       |      |     |
| GC Column:                                | RTX-6              | 24 ID: 0.53 | (mm)    | 1       | Dilution Fac            | tor:  | 1.0          |       |      |     |
| Soil Extract \                            | /olume:            | (1          | ıL)     | ;       | Soil Aliquot            | Volu  | ne:          |       | (uL) |     |
| Number TICs                               | found:             | 1           |         |         | ONCENTRA<br>g/L or ug/K |       |              | -     |      |     |
| CAS NO.                                   |                    | COMPOUND    | NAME    |         | RT                      | ES    | T. CONC      |       | Q    |     |
| 1. 000110                                 | ) <del>-54-3</del> | Hexane      |         |         | 8.75                    |       | <del>7</del> |       | JN   | ٠ ( |

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NYSDEC SAMPLE NO.

### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

| Lah Name:      |         |             | TORY INC                              |             |              | _ 1      | V        | VM-03 |                |
|----------------|---------|-------------|---------------------------------------|-------------|--------------|----------|----------|-------|----------------|
|                |         |             | TORY, INC.                            |             |              |          |          |       |                |
| Lab Code:      | 10252   | C           | ase No.:                              | SAS         | S No.:       | SD       | G No.:   | PANAM |                |
| Matrix: (soil/ | water)  | WATER       |                                       |             | Lab Samp     | le ID: I | L82384-  | 9     |                |
| Sample wt/v    | ol:     | 5.0         | (g/ml) ML                             |             | Lab File II  | D: 1     | D1670.E  | )     |                |
| Level: (low/   |         |             |                                       | <del></del> | Date Rece    | eived: ( | 01/15/02 | ,     |                |
| % Moisture:    | -       |             | <del></del>                           |             | Date Anal    | -        |          |       |                |
|                |         |             |                                       |             |              | -        |          |       |                |
| GC Column:     | RTX-6   | <u> </u>    | (mm)                                  |             | Dilution F   | actor: _ | 1.0      |       |                |
| Soil Extract   | Volume: |             | (uL)                                  |             | Soil Alique  | ot Volur | ne:      |       | (uL)           |
|                |         |             |                                       | (           | CONCENT      | RATION   | UNITS    | :     |                |
| CAS NO         | D.      | COM         | POUND                                 |             | (ug/L or ug/ |          |          |       |                |
| ,              |         |             |                                       |             |              |          |          | _     |                |
| 74-87-         |         | <del></del> | romethane                             |             |              |          | 10       | j U   |                |
| 74-83-         |         |             | nomethane                             |             |              |          | 10       | U     | <u></u>        |
| 75-01-         |         |             | l Chloride                            |             |              | -        | 10       | U     | <del></del>    |
| 75-00-         |         |             | roethane                              |             |              |          | 10       | U     |                |
| 75-09-         |         | Met         | nylene Chloride                       |             |              |          | 10       | Ų     |                |
| 67-64-         | -1      | Ace         | tone                                  |             |              |          | 10       | U     |                |
| 75-15-         | -0      | Cart        | oon Disulfide                         |             |              |          | 10       | U     | 1              |
| 75-35-         | -4      | 1,1-        | Dichloroethene                        |             |              |          | 10       | U     |                |
| 75-34-         | -3      | 1,1-        | Dichloroethane                        |             |              |          | 10       | U     |                |
| 156-59         | 9-2     | cis-1       | ,2-Dichloroethen                      | е           |              |          | 10       | U     |                |
| 156-60         | 0-5     |             | s-1.2-Dichloroethe                    |             | 1            |          | 10       | U     |                |
| 67-66-         | -3      | Chic        | proform                               |             |              |          | 10       | U     |                |
| 107-0          | 6-2     | 1.2-        | Dichloroethane                        |             | Ī            |          | 10       | Ī     |                |
| 78-93-         |         |             | (2-Butanone)                          |             |              |          | 10       | U     |                |
| 71-55-         |         |             | 1-Trichloroethane                     |             | 1            |          | 10       | i U   |                |
| 56-23-         | -5      |             | on Tetrachloride                      |             |              |          | 10       | Ī     | 1              |
| 75-27-         |         |             | nodichloromethar                      | ne          | l<br>I       |          | 10       | U     |                |
| 78-87-         |         |             | Dichloropropane                       |             |              |          | 10       | U     | <del>-</del> . |
| 10061          |         |             | ,3-Dichloroprope                      | ne          |              |          | 10       | U     | ,              |
| 79-01-         |         |             | nloroethene                           |             |              |          | 10       | U     |                |
| 124-4          |         |             | omochloromethai                       | ne .        | 1            |          | 10       | U     | _              |
| 79-00-         |         |             | 2-Trichloroethane                     |             | 1            |          | 10       | U     |                |
| 71-43-         |         |             | zene                                  | <del></del> | 1            |          | 10       | , U   |                |
| 10061          |         |             | s-1,3-Dichloropro                     | nene        |              |          | 10       | ! Ü   |                |
| 75-25-         |         |             | noform                                | perie       |              |          | 10       | TU    |                |
| 108-1          |         |             | K (4-Methyl-2-per                     | ntanone)    |              | _        | 10       | ; U   |                |
| 591-7          |         |             | exanone                               | (anone)     | 1            |          | 10       | † U   | _              |
|                |         |             | achloroethene                         |             |              |          | 10       | 1 0   |                |
| 70.24          |         |             | 2,2-Tetrachloroeth                    | 7000        |              |          | 10       | U     |                |
| 79-34-         | - J     | 1 1,1,      | 4,2- ا <del>- العالمالالالالالا</del> | Idilic      | 1            |          | , 0      | 1 0   |                |

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108-88-3

108-90-7

100-41-4

100-42-5

95-47-6

Toluene

Styrene

o-Xylene

106-42-3/108-38-3 p-Xylene/m-Xylene

Chlorobenzene

Ethylbenzene

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET NYSDEC SAMPLE NO. TENTATIVELY IDENTIFIED COMPOUNDS

|                |          | 10141711    | ACT IOCITI | ILD COIVII                | CONDO        | j                | 1            |    |  |  |
|----------------|----------|-------------|------------|---------------------------|--------------|------------------|--------------|----|--|--|
| Lab Name:      | FRIEND   | LABORAT     | ORY, INC.  | Contrac                   | Contract:    |                  |              | 03 |  |  |
| Lab Code:      | 10252    | 2 Case No.: |            |                           | No.:         | _ SDG            | G No.: PANAM |    |  |  |
| Matrix: (soil/ | water)   | WATER       |            | 1                         | Lab Sample   | : ID: <u>L</u> 8 | 32384-9      |    |  |  |
| Sample wt/v    | ol:      | 5.0         | (g/ml) ML  | :                         | Lab File ID: | D                | 1670.D       |    |  |  |
| Level: (low/   | med)     | LOW         |            | 1                         | Date Receiv  | /ed: <u>0</u>    | 1/15/02      |    |  |  |
| % Moisture:    | not deç. |             |            | į                         | Date Analyz  | zed: 0           | 1/17/02      |    |  |  |
| GC Column:     | RTX-6    | 324 ID: 0.5 | 3 (mm)     | (                         | Dilution Fac | tor. <u>1.</u>   | 0            |    |  |  |
| Soil Extract   | Volume:  |             | _ (uL)     | Soil Aliquot Volume: (uL) |              |                  |              |    |  |  |
|                |          |             |            | C                         | ONCENTRA     | ATION            | UNITS:       |    |  |  |
| Number TIC     | s found: | 1           | _          | <b>(</b> u                | g/L or ug/K  | g) <u>UG/</u>    | <u> </u>     |    |  |  |
| CAS NO.        |          | COMPOU      | ND NAME    |                           | RT           | EST.             | CONC.        | a  |  |  |
| 1 00011        | 0-54-3   | Havana      |            |                           | 8 74         |                  | 5 8          | JN |  |  |

AMA BARBA

20R 2/12/02

|      |             |        |                          | TOIO DATA OFFICE  |          |            |               |
|------|-------------|--------|--------------------------|-------------------|----------|------------|---------------|
| Lab  | Name:       | FRIEND | LABORATORY, INC.         | Contract:         |          | /W-04      |               |
| _ab  | Code:       | 10252  | Case No.:                | SAS No.: S        | DG No.:  | PANAN      | 1             |
| Matr | ix: (soil/w | rater) | WATER                    | Lab Sample ID:    | L82384-  | 11         |               |
| Sam  | ple wt/vo   | l:     | 5.0 (g/ml) ML            | Lab File ID:      | D1671.D  |            |               |
|      | el: (low/m  |        |                          | Date Received:    | 01/15/02 |            |               |
|      |             | -      |                          | Date Analyzed:    |          |            |               |
|      |             |        | 24 ID: 0.53 (mm)         | Dilution Factor:  |          |            |               |
|      |             |        |                          |                   |          |            |               |
| 2011 | EXII act V  | olume: | (uL)                     | Soil Aliquot Volu | ıme:     |            | (uL)          |
|      |             |        |                          | CONCENTRATIO      | N UNITS  | -          |               |
|      | CAS NO.     |        | COMPOUND                 | (ug/L or ug/Kg) U |          |            |               |
|      |             |        | 33.11.                   | (ug/L of ug/Ng) O | <u> </u> | _ •        |               |
|      | 74-87-3     |        | Chloromethane            |                   | 10       | U          |               |
| ]    | 74-83-9     |        | Bromomethane             |                   | 10       | U          | !             |
|      | 75-01-4     |        | Vinyl Chloride           |                   | 10       | U          | <u>.</u>      |
| - 1  | 75-00-3     |        | Chloroethane             |                   | 10       | U          | i             |
| ļ    | 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-     |        | cis-1,2-Dichloroethene   |                   | 10       | U          | !             |
|      | 156-60-     |        | trans-1,2-Dichloroethene | 3                 | 10       | U          |               |
| 1    | 67-66-3     |        | Chloroform               |                   | 10       | U          |               |
|      | 107-06-     |        | 1,2-Dichloroethane       |                   | 10       | U          | !             |
| -    | 78-93-3     |        | MEK (2-Butanone)         |                   | 10       | U          | _             |
| ŀ    | 71-55-6     |        | 1,1,1-Trichloroethane    |                   | 10       | U          | !             |
| - }  | 56-23-5     |        | Carbon Tetrachloride     |                   | 10       | l U        |               |
|      | 75-27-4     |        | Bromodichloromethane     |                   | 10       | U          |               |
| -    | 78-87-5     |        | 1,2-Dichloropropane      |                   | 10       | U          |               |
| }    | 10061-0     |        | cis-1,3-Dichloropropene  |                   | 10       | U          |               |
| -    | 79-01-6     |        | Trichloroethene          |                   | 10       | U          |               |
| -    | 124-48-     |        | Dibromochloromethane     |                   | 10       | U          |               |
| -    | 79-00-5     |        | 1,1,2-Trichloroethane    |                   | 10       | U          |               |
| ŀ    | 71-43-2     |        | Benzene                  |                   | 10       | ! <u>U</u> |               |
| }    | 10061-0     |        | trans-1,3-Dichloroproper | <u>1e</u> '       | 10       | <u> U</u>  | _             |
| }    | 75-25-2     |        | Bromoform                |                   | 10       | <u> </u>   | <del></del> : |
|      | 108-10-     |        | MIBK (4-Methyl-2-pentar  | none)             | 10       | U          |               |
| ,    | 591-78-     |        | 2-Hexanone               |                   | 10       | <u> </u>   | _             |
|      | 127-18-     |        | Tetrachloroethene        | 1                 | 10       | <u> </u>   | <del></del> ; |
|      | 79-34-5     |        | 1,1,2,2-Tetrachloroethan | 1e !              | 10       | <u> </u>   |               |
|      | 108-88-     |        | Toluene                  | I                 | 10       | U          |               |
|      | 108-90-     |        | Chlorobenzene            | !                 | 10       | U          |               |
|      | 100-41-     |        | Ethylbenzene             |                   | 10       | U          |               |
|      | 100-42-     | . J    | Styrene                  | 1                 | 10       | , U        |               |

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106-42-3/108-38-3: p-Xylene/m-Xylene

95-47-6

o-Xylene

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET NYSDEC SAMPLE NO. TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name:                                      | FRIEND   | LABORAT     | ORY, INC. | Contract:MW  |                          | 04     |                 |     |              |  |
|--|----------|-------------|-----------|--------------|--------------------------|--------|-----------------|-----|--------------|--|
| Lab Code:                                      | 10252    | Cas         | se No.:   | SAS          | SAS No.: SDG No.: PANAM  |        |                 |     |              |  |
| Matrix: (soil/                                 | water)   | WATER       |           | 1            | Lab Sample               | ID: L  | 82384-11        |     |              |  |
| Sample wt/vo                                   | ol:      | 5.0         | (g/ml) ML | _ 1          | Lab File ID:             | D      | 1671.D          |     |              |  |
| Level: (low/r                                  | ned)     | LOW         |           | l            | Date Receiv              | /ed: 0 | 1/15/02         |     |              |  |
| % Moisture:                                    | 1        | Date Analyz | ed: 0     | 1/17/02      |                          |        |                 |     |              |  |
| GC Column: <u>RTX-624</u> ID: <u>0.53</u> (mm) |          |             |           |              | Dilution Factor: 1.0     |        |                 |     |              |  |
| Soil Extract Volume: (uL)                      |          |             | \$        | Soil Aliquot | Volum                    | e:     | (uL)            |     |              |  |
| Number TICs                                    | s found: | 1           | _         |              | ONCENTRA<br>g/L or ug/Kg |        |                 |     |              |  |
| CAS NO.  | -54-3    | COMPOU      | ND NAME   |              | RT<br>8.75               | EST.   | CONC.           | Q   |              |  |
| 1. 000110                                      | J-34-3 - | TOAGHE      |           |              | 0.73                     |        | 2012<br>2/12/02 | JIV | <del>i</del> |  |

SAPOT BUNK

# VOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name: FI      | RIEND LA | BORATORY, INC.           | Contract:   | TRIP              | BLANK    |
|-------------------|----------|--------------------------|-------------|-------------------|----------|
| Lab Code: 10      | 0252     | Case No.:                | SAS No.:    | SDG No.: [        | PANAM    |
| Matrix: (soil/wat | ter) W   | ATER                     | Lab San     | nple ID: L82384-1 | 5        |
| Sample wt/vol:    | 5.0      | (g/ml) ML                | Lab File    | ID: D1672.D       |          |
| Level: (low/med   |          |                          |             | ceived: 01/15/02  |          |
| % Moisture: not   | dec      |                          | Date An     | alyzed: 01/17/02  |          |
|                   |          | 15. 0.50 (1)             |             |                   |          |
| -                 |          | ID: <u>0.53</u> (mm)     |             | Factor: 1.0       |          |
| Soil Extract Vol  | ume:     | (uL)                     | Soil Aliq   | uot Volume:       | (uL)     |
|                   |          |                          | CONCEN      | TRATION UNITS:    |          |
| CAS NO.           |          | COMPOUND                 | (ug/L or uç | g/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                |          |
| 75-09-2           |          | Methylene Chloride       |             | 10                | U        |
| 67-64-1           |          | Acetone                  |             | 10                | U        |
| 75-15-0           |          | Carbon Disulfide         |             | 10                |          |
| 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-Dichloroethen  | e           | 10                | U        |
| 67-66-3           |          | Chloroform               |             | 10                | U        |
| 107-06-2          |          | 1,2-Dichloroethane       |             | 10                | U        |
| 78-93-3           |          | MEK (2-Butanone)         |             | 10                |          |
| 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                |          |
| 79-00-5           |          | 1,1,2-Trichloroethane    |             | 10                | U        |
| 71-43-2           |          | Benzene                  |             | 10                | <u>U</u> |
| 10061-02          | 2-6      | trans-1.3-Dichloroprope  | ne          | 10                | U        |
| 75-25-2           |          | Bromoform                |             | 10                | U        |
| 108-10-1          |          | MIBK (4-Methyl-2-penta   | none)       | 10                | <u>U</u> |
| 591-78-6          |          | 2-Hexanone               |             | 10                | U        |
| 127-18-4          |          | Tetrachloroethene        |             | 10                | U        |
| 79-34-5           |          | 1,1,2,2-Tetrachloroethan | ne          | 10                | U        |
| 108-88-3          |          | Toluene                  |             | 10                | <u> </u> |
| 108-90-7          |          | Chlorobenzene            |             | 10                | <u> </u> |
| 100-41-4          |          | Ethylbenzene             |             | 10                | U        |

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U

100-42-5

95-47-6

Styrene

o-Xylene

106-42-3/108-38-3 | p-Xylene/m-Xylene

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EST. CONC.

RT

8.76

Q

| Lab Name:      | FRIEND   | LABORAT   | TORY, INC. | Contract:     |              | IRIPBI    | LANK |
|----------------|----------|-----------|------------|---------------|--------------|-----------|------|
| Lab Code:      | 10252    | Ca        | se No.:    | SAS No.:      | SD           | G No.: PA | NAM  |
| Matrix: (soil/ | water)   | WATER     | _          | Lab Sample    | e ID: L      | _82384-15 |      |
| Sample wt/v    | ol:      | 5.0       | (g/ml) ML  | Lab File ID:  |              | D1672.D   |      |
| Level: (low/r  | med)     | LOW       | _          | Date Recei    | ved: _0      | 01/15/02  |      |
| % Moisture:    | not dec. |           |            | Date Analy    | zed: (       | 01/17/02  |      |
| GC Column:     | RTX-6    | 24 ID: 0. | 53_ (mm)   | Dilution Fac  | ctor: _      | 1.0       |      |
| Soil Extract   | Volume:  |           | (uL)       | Soil Aliquot  | Volun        | ne:       | (uL) |
|                |          |           |            | CONCENTR      | ATION        | UNITS:    |      |
| Number TIC:    | s found: | 1         | _          | (ug/L or ug/K | g) <u>UG</u> | S/L       |      |
|                |          |           |            |               |              |           | ,    |

COMPOUND NAME

CAS NO.

1. 000110-54-3 Hexane

1B

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND           | END LABORATORY, INC. Contract: |                | 19199-02 |                  |               |
|-----------------|------------------|--------------------------------|----------------|----------|------------------|---------------|
| Lab Code:       | 10252            | Ca                             | se No.:        |          | SAS No.: S       | DG No.: PANAM |
| Matrix: (soil/v | water)           | WATER                          | _              |          | Lab Sample ID:   | L82384-3      |
| Sample wt/vo    | ol:              | 1000                           | (g/ml) ML      |          | Lab File ID:     | B3698.D       |
| Level: (low/n   | ned)             | LOW                            | _              |          | Date Received:   | 01/15/02      |
| % Moisture:     |                  | ded                            | canted:(Y/N) _ | N        | Date Extracted:  | 01/15/02      |
| Concentrated    | i Extract        | Volume: 1                      | 1000 (uL)      |          | Date Analyzed:   | 01/21/02      |
| Injection Volu  | ıme: <u>2</u>    | .0 (uL)                        |                |          | Dilution Factor: | 1.0           |
| GPC Cleanup     | p: <b>(Y/N</b> ) | N                              | pH:            |          |                  |               |
|                 |                  |                                |                |          | CONCENTRATIO     | ALLINITO.     |

#### 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                  |                  | R |
| 95-57-8  | 2-Chlorophenol              | 10                   | U                |   |
| 541-73-1 | 1,3-Dichlorobenzene         | 10                   | <del>U</del>     | 2 |
| 106-46-7 | 1,4-Dichlorobenzene         | 10                   | <del></del>      | R |
| 95-50-1  | 1,2-Dichlorobenzene         | _10                  | U                | 2 |
| 95-48-7  | 2-Methylphenol              | 10                   | U                | ' |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane | ) _10                |                  | R |
| 106-44-5 | 4-Methylphenol              | 10                   | U                |   |
| 621-64-7 | N-Nitrosodi-n-propylamine   | 10                   | U                | R |
| 67-72-1  | Hexachloroethane            | 10-                  | <del>- U -</del> | R |
| 98-95-30 | Nitrobenzene                | -10                  | U                | R |
| 78-59-1  | Isophorone                  | 10                   |                  | B |
| 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>     | R |
| 120-83-2 | 2,4-Dichlorophenol          | 10                   | U                |   |
| 120-82-1 | 1,2,4-Trichlorobenzene      | 10-                  | <del></del>      | 6 |
| 91-20-3  | Naphthalene                 | 10-                  | <del></del>      | 2 |
| 106-47-8 | 4-Chloroaniline             | 10                   | U                | R |
| 87-68-3  | Hexachlorobutadiene         | -10                  | <del></del>      | R |
| 59-50-7  | 4-Chloro-3-methylphenol     | 10                   | U                |   |
| 91-57-6  | 2-Methylnaphthalene         | -10                  |                  | R |
| 77-47-4  | Hexachlorocyclopentadiene   | 10                   | U                | R |
| 88-06-2  | 2,4,6-Trichlorophenol       | 10                   | U                |   |
| 95-95-4  | 2,4,5-Trichlorophenol       | 25 !                 | U                | į |
| 91-58-7  | 2-Chloronaphthalene         | 10                   | <del>U_</del>    | R |
| 88-74-4  | 2-Nitroaniline              | -25                  | U                | B |
| 131-11-3 | Dimethyl phthalate          | 10                   | <del></del> U    | R |
| 208-96-8 | Acenaphthylene              | -10                  | <del></del>      | R |
| 606-20-2 | 2,6-Dinitrotoluene          | 10                   | <del>U</del>     | B |
| 99-09-2  | 3-Nitroaniline              | -25                  | <del>- U-</del>  | 8 |
| 83-32-9  | Acenaphthene                | -10                  |                  | 8 |
| 51-28-5  | 2,4-Dinitrophenol           | 25                   | U                | į |
| 100-02-7 | 4-Nitrophenol               | 25                   | U                |   |
| 132-64-9 | Dibenzofuran                | 10                   | <del></del>      | 2 |
| 121-14-2 | 2.4-Dinitrotoluene          | 10                   | U                | R |

ar solo

# 1C

NYSDEC SAMPLE NO.

|                 | SEMI           | VOLATILE ORGANICS A    | NALYS | SIS DATA SH   | EET     |                |               |       |
|-----------------|----------------|------------------------|-------|---------------|---------|----------------|---------------|-------|
| Lab Name:       | FRIEND L       | ABORATORY, INC.        | Can   | tract:        |         | N              | 1W-02         |       |
| Lab Code:       | 10252          | Case No.:              | _<br> | <br>AS No.:   | SE      | G No.:         | PANAM         |       |
| Matrix: (soil/w | ater) V        |                        |       | Lab Sampl     |         |                |               |       |
| Sample wt/vol   | l: 1           | 000 (g/ml) ML          |       | Lab File ID   | ); l    | 3698.D         |               | _     |
| Level: (low/m   |                |                        |       | Date Rece     | ived: 1 | 01/15/02       |               |       |
| ·               | _              | decanted:(Y/N)         | N     |               | -       |                |               |       |
|                 |                |                        |       |               | -       |                |               |       |
| Concentrated    | Extract Vo     | olume: 1000 (uL)       |       | Date Analy    | zed: [  | 11/21/02       |               |       |
| Injection Volum | me: <u>2.0</u> | (uL)                   |       | Dilution Fa   | ctor:   | 1.0            |               |       |
| GPC Cleanup     | : (Y/N)        | N pH:                  |       |               |         |                |               |       |
|                 | _              |                        |       | 0011051       | 47.5    |                |               |       |
|                 |                |                        |       | CONCENTR      |         |                |               |       |
| CAS NO.         |                | COMPOUND               |       | (ug/L or ug/k | (g) UG  | L              | Q             |       |
| 84-66-2         |                | Diethyl phthalate      |       |               |         | -10-           | <del></del>   | B     |
| 7005-72         |                | 4-Chlorophenylphenyl   | ether | 1             |         | -10-           |               | 3     |
| 86-73-7         |                | Fluorene               |       |               |         | -10            | i U           | Q     |
| 100-01-         | 6              | 4-Nitroaniline         |       |               |         | -25            | U             | 20,00 |
| 534-52-         | 1              | 2-Methyl-4-6-dinitroph | enol  |               |         | 25             | U             | 1 . • |
| 86-30-6         |                | n-Nitrosodiphenylamir  | ne .  |               |         | -10            | U             | R     |
| 101-55-         | 3              | 4-Bromophenylphenyl    |       |               |         | -10            | l U           | B     |
| 118-74-         | 1              | Hexachlorobenzene      |       |               |         | -10            | U             | R     |
| 87-86-5         |                | Pentachlorophenol      |       |               |         | 25             | U             | 1     |
| 85-01-8         |                | Phenanthrene           |       |               | 77      | 7-7            | <del></del>   | 2     |
| 120-12-         | 7              | Anthracene             |       |               | 1       | 0,2/           | - Jt W        | 828 F |
| 86-74-8         |                | Carbazole              |       |               |         | -10-           | U             | B     |
| 84-74-2         |                | Di-n-butyl phthalate   |       |               |         | 10             | L U           | 3     |
| 206-44-         | 0              | Fluoranthene           |       | r             | 1 7     | 7              | J             | -     |
| 129-00-         | 0              | Pyrene                 |       |               | 3 5     | -8             | <del>  </del> | 2     |
| 85-68-7         |                | Butylbenzyl phthalate  |       |               |         | 10-            | U             | 2     |
| 91-94-1         |                | 3,3'-Dichlorobenzidine |       |               |         | 10             | 1             | 10    |
| 56-55-3         |                | Benzo(a)anthracene     |       | L             | IJ      | -4-            |               | 2     |
| 218-01-         |                | Chrysene               |       |               | 3 7     | -3             | J             | -     |
| 117-81-         |                | bis-2-Ethylhexyl phtha | late  |               |         | -3-            | JB            | 0     |
| 117-84-         |                | Di-n-octyl phthalate   |       |               |         | <del>-10</del> | i u           | 8     |
| 205-99-         |                | Benzo(b)fluoranthene   |       |               | 1       | -10            |               | 2     |



Benzo(k)fluoranthene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(g,h.i)perylene

Benzo(a)pyrene

207-08-9

193-39-5

53-70-3

191-24-2

50-32-8

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: <u>L82384-3</u>                |
| 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:                                |
| Injection Volume:(uL)        |           | Dilution Factor:                              |
| GPC Cleanup: (Y/N)           | рН:       | パフロに38<br>CONCENTRATION UNITS: パフロに38         |
| Number TICs found:           |           | concentration units: (ug/L or ug/Kg) UalL /36 |

| Number TICs found: | l .              | (ug/L or ug/K | g) <u>Curc</u> |      |
|--------------------|------------------|---------------|----------------|------|
| CAS NUMBER         | COMPOUND NAME    | RT            | EST. CONC.     | IQ   |
| 1. 57-10-3         | Hexadranoic Acid | 25.00         | 7              | INJ  |
| 2.                 |                  |               |                | -    |
| 3.                 |                  |               |                |      |
| 4.                 |                  |               |                |      |
| 5.                 |                  |               |                |      |
| 6.                 |                  |               |                |      |
| 7.                 |                  |               |                |      |
| 8.                 |                  |               |                | 1    |
| 9.                 |                  |               |                |      |
| 10.                |                  |               |                |      |
| 11.                |                  |               |                |      |
| 12.                |                  |               |                | 1    |
| 13.                |                  |               |                |      |
| 14.                |                  |               |                | 1    |
| 15.                |                  |               |                |      |
| 16.                |                  |               |                | 1    |
| 17.                |                  |               |                |      |
| 18.                |                  |               |                |      |
| 19.                |                  |               |                |      |
| 20.                |                  |               |                |      |
| 21.                |                  |               |                |      |
| 22.                |                  |               |                |      |
| 23.                |                  |               |                |      |
| 24.                |                  |               |                |      |
| 25.                |                  |               |                |      |
| 26.                |                  |               |                |      |
| 27.                |                  |               |                |      |
| 28.                |                  |               |                |      |
| 29.                |                  |               |                | 1    |
| 30.                |                  |               |                | 159/ |

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND         | LABORA  | TORY, INC.   | c | Contract:        | MW-01          |
|----------------|----------------|---------|--------------|---|------------------|----------------|
| Lab Code:      | 10252          | Ca      | ise No.:     |   | SAS No.:         | SDG No.: PANAM |
| Matrix: (soil/ | water)         | WATER   |              |   | Lab Sample ID    | L82384-1       |
| Sample wt/vo   | ol:            | 1000    | (g/ml) ML    |   | Lab File ID:     | B3713.D        |
| Level: (low/r  | ned)           | LOW     |              |   | Date Received:   | 01/15/02       |
| % Moisture:    |                | de      | canted:(Y/N) | N | Date Extracted   | 01/15/02       |
| Concentrated   | i Extract      | Volume: | 1000 (uL)    |   | Date Analyzed:   | 01/22/02       |
| Injection Volu | ıme: <u>2.</u> | 0 (uL)  |              |   | Dilution Factor: | 1.0            |
| GPC Cleanup    | p: (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 |                      | l 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-Chloropr | opane) 10            | U   |
| 106-44-5 | 4-Methylphenol         | 10                   | U   |
| 621-64-7 | N-Nitrosodi-n-propylar | nine   10            | U   |
| 67-72-1  | Hexachloroethane       | 10                   | U   |
| 98-95-30 | Nitrobenzene           | 10                   | į 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-Chloroethoxyme   | thane) 10            | U   |
| 120-83-2 | 2,4-Dichlorophenol     | 10                   | U   |
| 120-82-1 | 1,2,4-Trichlorobenzen  | 10                   | l U |
| 91-20-3  | Naphthalene            | 10                   | Ū   |
| 106-47-8 | 4-Chloroaniline        | 10                   | U   |
| 87-68-3  | Hexachlorobutadiene    | 10                   | U   |
| 59-50-7  | 4-Chloro-3-methylpher  | 10 10                | ! U |
| 91-57-6  | 2-Methylnaphthalene    | 10                   | ; U |
| 77-47-4  | Hexachlorocyclopenta   | diene 10             | i 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                   | i 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                   | i U |
| 132-64-9 | Dibenzofuran           | 10                   | l U |
| 121-14-2 | 2,4-Dinitrotoluene     | 10                   | · U |

NYSDEC SAMPLE NO.

1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|                 |                 |           |             |        |               |              | MW-01        |
|-----------------|-----------------|-----------|-------------|--------|---------------|--------------|--------------|
| .ab Name:       | FRIEND          | LABORAT   | ORY, INC.   | _ Cont | tract:        |              |              |
| ab Code:        | 10252           | Cas       | se No.:     | _ SA   | AS No.:       | SD           | G No.: PANAM |
| Matrix: (soil/v | water)          | WATER     | _           |        | Lab Sample    | ID: L        | 82384-1      |
| Sample wt/vo    | ol:             | 1000      | (g/ml) ML   |        | Lab File ID:  | Ε            | 33713.D      |
| .evel: (low/r   | med)            | LOW       | _           |        | Date Receive  | ed: 0        | 01/15/02     |
| % Moisture:     |                 | dec       | anted:(Y/N) | N      | Date Extracte | ed: 0        | 11/15/02     |
| Concentrated    | d Extract       | Volume: 1 | 000 (uL)    |        | Date Analyze  | ed: 0        | 11/22/02     |
| njection Volu   | ume: <u>2</u> . | .0 (uL)   |             |        | Dilution Fact | or: <u>1</u> | .0           |
| SPC Cleanu      | p: (Y/N)        | N         | pH:         |        |               |              |              |
|                 |                 |           |             |        | CONCENTRA     | TION         | 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                   | Ų          |
| 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 | 10-4                 | ں کھر      |
| 117-84-0  | Di-n-octyl phthalate       | 10                   | <b>7</b> 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:                           |            | _ Contrac    | t:        |  |                |          |            |
|-------------------------------------|------------|--------------|-----------|--|----------------|----------|------------|
| Lab Code:                           | Case No.:  | SAS No.      |           |  | SDG No.:       |          |            |
|                                     |            |              | -         |  | D: L82384-1    |          |            |
|                                     | (g/mL)     |              |           |  | 83713.d        |          | •          |
| Level: (low/med)                    |            |              |           |  | ed:            |          |            |
| % Moisture: decant                  | ed (Y/N)   |              |           | Date Extracte                                    |                |          | •          |
|                                     | ct Volume: | (uL)         |           | •  | ed:            |          | •          |
| Injection Volume: _                 | •          | (32)         |           | Dilution Factor                                  |                |          | -          |
|                                     |            |              |           | Dilution Fact                                    | JI             | 0-       |            |
| GPC Cleanup: (Y/N Number TICs found | · ——       | pH:          |           |  | ATION UNITS:   | 16 19    | 2/1<br>2/1 |
| CAS NUMBER                          | COMPO      | UND NAME     |           | RT   | EST. CONC.     | 1 Q      | ]          |
| 1. 57-10-3                          | H/cx       | adecanoic i  | Acid      | 25.96  | b              | INJ      |            |
| 2. 112-80-1                         |            | Acid         |           | 28:14  | 4              | NJG      | R          |
| 3. 57-11-4                          | <u>Oct</u> | adecanoic Ac | id        | 28.42  | 4              | INJ      |            |
| 4.                                  | Uc.        | ) KWWn       |           | 35.11  | -8-9 ear       |          |            |
| 5.<br>6.                            |            |              |           |  | 2/17/03        | 1        | 1          |
| 7.                                  |            |              |           |  |                | 1        |            |
| 8.                                  |            |              |           |  |                |          |            |
| 9.                                  |            | -            |           |  |                | <u> </u> |            |
| 10.                                 |            |              |           |  |                | i i      |            |
| 11.                                 |            |              |           | *  |                |          |            |
| 12.                                 |            |              |           |  |                |          |            |
| 13.                                 |            |              |           |  |                | 1        |            |
| 14.                                 |            |              |           | ļ  |                | 1        |            |
| 15.<br>16.                          |            |              |           |  |                | 1        |            |
| 17.                                 |            |              |           |  |                | 1        |            |
| 18.                                 |            |              |           | <del>                                     </del> | ]              | 1        | 1          |
| 19.                                 |            |              |           |  |                | <u> </u> | 1          |
| 20.                                 |            |              |           |  |                |          | ]          |
| 21.                                 |            |              |           |  |                |          | ],         |
| 22.                                 |            |              |           |  |                |          |            |
| 23.                                 |            |              |           |  |                | !        | 1          |
| 24.                                 |            |              |           |  |                |          | 1          |
| 25.                                 |            |              |           |  |                | 1        | 1          |
| 26.                                 |            |              |           |  |                |          | 1          |
| 27.                                 | 1          |              |           |  | 1              | 1        | 1          |
| 28.                                 | <u> </u>   |              |           |  | 1              | -        | 1/0        |
| 30.                                 | 1          |              |           |  | 1              | 1 -      | 14,00      |
|                                     |            | FORMI-CL     | P-S'7-TIC | 0 6  | 1 /31<br>1 /21 | をみ       |            |

18

GPC Cleanup: (Y/N) N pH:

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| ab Name:         | FRIEND  | LABORAT   | ORY, INC.   | _ Contract:     | MW-03 RE       |
|------------------|---------|-----------|-------------|-----------------|----------------|
| .ab Code:        | 10252   | Cas       | se No.:     | SAS No.:        | SDG No.: PANAM |
| /latrix: (soil/v | vater)  | WATER     | -           | Lab Sample      | D: L82384-9    |
| Sample wt/vo     | ol:     | 1000      | (g/ml) ML   | Lab File ID:    | B3702.D        |
| .evel: (10w/n    | ned)    | LOW       |             | Date Receive    | ed: 01/15/02   |
| 6 Moisture:      |         | dec       | anted:(Y/N) | N Date Extracte | ed: 01/15/02   |
| Concentrated     | Extract | Volume: 1 | 000 (uL)    | Date Analyze    | d: 01/22/02    |
| njection Volu    | ıme: 2  | .0 (uL)   |             | Dilution Facto  | or. 1.0        |

# CONCENTRATION UNITS:

|                 |                        | CONCENTRATION UNIT   | S:   |     |
|-----------------|------------------------|----------------------|--|-----|
| CAS NO.         | COMPOUND               | (ug/L or ug/Kg) UG/L | Q  |     |
| 108-95-2        | Phenol                 | 10                   | U  |     |
| 111-44-4        | bis(2-Chloroethylether | ) 10                 | 1  | J5  |
| 95-57-8         | 2-Chlorophenol         | 10                   | U  |     |
| 541-73-1        | 1,3-Dichlorobenzene    | 10                   | سلا  | 」して |
| 106-46-7        | 1,4-Dichlorobenzene    | 10                   | 7  | して  |
| 95-50-1         | 1,2-Dichlorobenzene    | 10                   | 7  | Uゴ  |
| 95-48-7         | 2-Methylphenol         | 10                   | U  |     |
| 108-60-1        | 2,2'-oxybis(1-Chloropr | opane) 10            | 1  | UI  |
| 106-44-5        | 4-Methylphenol         | 10                   | U  |     |
| 621-64-7        | N-Nitrosodi-n-propylan | nine 10              |  | いざ  |
| 67-72-1         | Hexachloroethane       | 10                   | سللر   | しば  |
| 98-95-30        | Nitrobenzene           | 10                   | سلا  | JUI |
| 78 <u>-59-1</u> | Isophorone             | 10                   | سلطر   | 5   |
| 88-75-52        | 2-Nitrophenol          | 10                   | U  |     |
| 105-67-9        | 2,4-Dimethylphenol     | 10                   | U  |     |
| 111-91-1        | bis(2-Chloroethoxyme   | thane) 10            | مسلطر أ  | UJ  |
| 120-83-2        | 2,4-Dichlorophenol     | 10                   | U  |     |
| 120-82-1        | 1,2,4-Trichlorobenzene | e 10                 | 1  | いゴ  |
| 91-20-3         | Naphthalene            | 10                   | سلطر   | US  |
| 106-47-8        | 4-Chloroaniline        | 10                   | رسلا   | υZ  |
| 87-68-3         | Hexachlorobutadiene    | 10                   | المراب ا   | 05  |
| 59-50-7         | 4-Chloro-3-methylpher  | nol 10               | ΙU   |     |
| 91-57-6         | 2-Methylnaphthalene    | 10                   | مسلا   | UZ  |
| 77-47-4         | Hexachlorocyclopenta   | diene 10             | سلمار آ  | U5  |
| 88-06-2         | 2,4,6-Trichlorophenol  | 10                   | l U  |     |
| 95-95-4         | 2,4,5-Trichlorophenol  | 25                   | l U  | 1   |
| 91-58-7         | 2-Chloronaphthalene    | 10                   | سلطرا  | U5  |
| 88-74-4         | 2-Nitroaniline         | 25                   | ملا  | U3  |
| 131-11-3        | Dimethyl phthalate     | 10                   | سلط ا  | ひず  |
| 208-96-8        | Acenaphthylene         | 10                   | 1  | US  |
| 606-20-2        | 2,6-Dinitrotoluene     | 10                   | ملا  | US  |
| 99-09-2         | 3-Nitroaniline         | 25                   | 1 1  | つて  |
| 83-32-9         | Acenaphthene           | 10                   | سلطر   | UT  |
| 51-28-5         | 2,4-Dinitrophenol      | 25                   | ; U  |     |
| 100-02-7        | 4-Nitrophenol          | 25                   | , U  |     |
| 132-64-9        | Dibenzofuran           | 10                   | 1  | 155 |
| 121-14-2        | 2,4-Dinitrotoluene     | 10                   | The state of the s | UJ  |

NYSDEC SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:      | FRIEND        | LABORA  | TORY, INC.   | c | ontract:          | 14144-03 1/12  |
|----------------|---------------|---------|--------------|---|-------------------|----------------|
| Lab Code:      | 10252         | Ca      | se No.:      |   | SAS No.:          | SDG No.: PANAM |
| Matrix: (soil/ | water)        | WATER   | _            |   | Lab Sample ID     | L82384-9       |
| Sample wt/vo   | ol:           | 1000    | (g/ml) ML    |   | Lab File ID:      | B3702.D        |
| Level: (low/r  | ned)          | LOW     | _            |   | Date Received:    | 01/15/02       |
| % Moisture:    |               | de      | canted:(Y/N) | N | _ Date Extracted: | 01/15/02       |
| Concentrated   | Extract       | Volume: | 1000 (uL)    |   | Date Analyzed:    | 01/22/02       |
| Injection Volu | ıme: <u>2</u> | .0 (uL) |              |   | Dilution Factor:  | 1.0            |
| GPC Cleanu     | p: (Y/N)      | N       | pH:          |   |                   |                |
|                |               |         |              |   | CONOCNITOATI      | DALLIAUTO.     |

1C

### CONCENTRATION UNITS:

| CAS NO.   | COMPOUND                   | (ug/L or ug/Kg) UG/L |    | Q           |            |
|-----------|----------------------------|----------------------|----|-------------|------------|
| 84-66-2   | Diethyl phthalate          | 1                    | 0  | سلا         | US         |
| 7005-72-3 | 4-Chlorophenylphenylether  | 1                    | 0  | A           | 5          |
| 86-73-7   | Fluorene                   | 1                    | 0  | مهلا        | Uゴ         |
| 100-01-6  | 4-Nitroaniline             |                      | 25 | JY .        | W          |
| 534-52-1  | 2-Methyl-4-6-dinitrophenol | 2                    | 25 | U_          | _          |
| 86-30-6   | n-Nitrosodiphenylamine     | 1                    | 0  | سلا         | V7         |
| 101-55-3  | 4-Bromophenylphenylether   |                      | 0  | سلا         | いる         |
| 118-74-1  | Hexachlorobenzene          | 1                    | 0  | سلا         | <b>U</b> 3 |
| 87-86-5   | Pentachlorophenol          |                      | 25 | U           |            |
| 85-01-8   | Phenanthrene               | 1                    | 0  | M           | 45         |
| 120-12-7  | Anthracene                 | 1                    | 0  | JY"         | UZ         |
| 86-74-8   | Carbazole                  | 1                    | 0  | سلا         | <b>55</b>  |
| 84-74-2   | Di-n-butyl phthalate       | 1                    | 0  | سلمل        | 42         |
| 206-44-0  | Fluoranthene               |                      | 0  | سلا         | U5         |
| 129-00-0  | Pyrene                     | 1                    | 0  | سلطر        | U3         |
| 85-68-7   | Butylbenzyl phthalate      | 1                    | 0  | 74          | 2 ت        |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 1                    | 0  | 1           | UZ         |
| 56-55-3   | Benzo(a)anthracene         | 1                    | 0  | M           | U.Z        |
| 218-01-9  | Chrysene                   |                      | 0  | سلا         | ركتن       |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 10                   |    | JHE         | کی [       |
| 117-84-0  | Di-n-octyl phthalate       |                      | 0  | U           | -Q         |
| 205-99-2  | Benzo(b)fluoranthene       |                      | 0  | <del></del> | R'         |
| 207-08-9  | Benzo(k)fluoranthene       | 4                    | 0  | <del></del> | R          |
| 50-32-8   | Benzo(a)pyrene             |                      | ٥  | <del></del> | R          |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     |                      | 0  | <u></u>     | R          |
| 53-70-3   | Dibenzo(a,h)anthracene     |                      | 0  | <del></del> | SAMMAN     |
| 191-24-2  | Benzo(g,h,i)perylene       | 1                    | 0  | U           | - R        |

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)          | <b></b> - | Lab Sample ID: LE 2384-9                    |
| Sample wt/vol(g/mL)          |           | Lab File ID: <u>63</u> 702.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)           | рН:       |   |
| Number TICs found:4          |           | CONCENTRATION UNITS.  (ug/L or ug/Kg) LG IL |

|             |                                       |       | $\mathcal{I}$ |    |
|-------------|---------------------------------------|-------|---------------|----|
| CAS NUMBER  | COMPOUND NAME                         | RT    | EST. CONC     | Q  |
| 1. 120-40-1 | NN-hs(2- = hydrixyethy) Doderan amide | ZO 55 | 5             | NJ |
| 2. 74463 %  | Tetradecanoir Acid                    | 23.47 | 4             | j  |
| 3. 57-10-3  | Hexaderanoic Acid                     | 20 16 | 10            |    |
| 4. 57-11-4  | Octadeconcic Acid                     | 28 58 | 21 21         | V  |
| 5.          |                                       |       | CieR          |    |
| 6.          |                                       |       | :/12/07 1     |    |
| 7.          |                                       |       |               |    |
| 8.          |                                       |       |               |    |
| 9.          |                                       |       |               |    |
| 10.         |                                       |       |               |    |
| 11.         |                                       |       |               |    |
| 12.         |                                       |       |               |    |
| 13.         | // <                                  |       |               |    |
| 14.         | 1 × 11 1 + 1                          |       |               |    |
| 15.         | 1114,1 median                         |       |               |    |
| 16.         |                                       |       |               |    |
| 17.         |                                       |       |               |    |
| 18.         |                                       |       |               |    |
| 19.         |                                       |       |               |    |
| 20.         |                                       |       |               |    |
| 21.         |                                       |       |               |    |
| 22.         |                                       |       |               |    |
| 23.         |                                       |       |               |    |
| 24.         |                                       |       |               |    |
| 25.         |                                       |       |               |    |
| 26.         |                                       |       | 1             |    |
| 27.         |                                       |       |               |    |
| 28.         |                                       |       |               |    |
| 29.         |                                       |       |               |    |
| 30.         |                                       | 1     |               |    |

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|           |                         |           | 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-Chloropror | pane) 10             | U  |
| 106-44-5 | 4-Methylphenol           | 10                   | U  |
| 621-64-7 | N-Nitrosodi-n-propylami  | ne 10                | U  |
| 67-72-1  | Hexachloroethane         | 10                   | U  |
| 98-95-30 | Nitrobenzene             | 10                   | U  |
| 78-59-1  | Isophorone               | 10                   | C  |
| 88-75-52 | 2-Nitrophenol            | 10                   | U  |
| 105-67-9 | 2,4-Dimethylphenol       | 10                   | U  |
| 111-91-1 | bis(2-Chloroethoxymeth   | ane) 10              | U  |
| 120-83-2 | 2,4-Dichlorophenol       | 1 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-methylpheno   | 10                   | U  |
| 91-57-6  | 2-Methylnaphthalene      | 10                   | U  |
| 77-47-4  | Hexachlorocyclopentadi   | ene 10               | U  |
| 88-06-2  | 2,4,6-Trichlorophenol    | 10                   |    |
| 95-95-4  | 2,4,5-Trichlorophenol    | 25                   | U! |
| 91-58-7  | 2-Chloronaphthalene      | ! 10                 | U  |
| 88-74-4  | 2-Nitroaniline           | . 25                 |    |
| 131-11-3 | Dimethyl phthalate       | 10                   | U  |
| 208-96-8 | Acenaphthylene           | 10 ;                 |    |
| 606-20-2 | 2,6-Dinitrotoluene       | 10                   |    |
| 99-09-2  | 3-Nitroaniline           | 25                   | 0  |
| 83-32-9  | Acenaphthene             | 10                   |    |
| 51-28-5  | 2,4-Dinitrophenol        | 25                   | U  |
| 100-02-7 | 4-Nitrophenol            | 25                   | U  |
| 132-64-9 | Dibenzofuran             | 10                   |    |
| 121-14-2 | 2,4-Dinitrotoluene       | 10                   | U  |

1C

NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

**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)

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

Injection Volume: 2.0 (uL)

CONCENTRATION UNITS:

Dilution Factor: 1.0

Date Analyzed: 01/22/02

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

| 84-66-2   | Diethyl shthelete          | 10   | U         |                 |
|-----------|----------------------------|------|-----------|-----------------|
|           | Diethyl phthalate          | 10   | U         |                 |
| 7005-72-3 | 4-Chlorophenylphenylether  | 10   |           |                 |
| 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       | 102  | ナリ        |                 |
| 206-44-0  | Fluoranthene               | 10   | U \       | 1,12            |
| 129-00-0  | Pyrene                     | 10-3 | 5/1       | المالين المالية |
| 85-68-7   | Butylbenzyl phthalate      | 10-2 | الملاكم   | $\circ$         |
| 91-94-1   | 3,3'-Dichlorobenzidine     | 10   | ت سلا     | ゴ               |
| 56-55-3   | Benzo(a)anthracene         | 1    | J         | T _             |
| 218-01-9  | Chrysene                   | 10   | 15th C    | 5               |
| 117-81-7  | bis-2-Ethylhexyl phthalate | 5    | JB \-     | <b>5</b> .      |
| 117-84-0  | Di-n-octyl phthalate       | 1 2  | ( July    | SE PR           |
| 205-99-2  | Benzo(b)fluoranthene       | 10   | W I       | HZ'             |
| 207-08-9  | Benzo(k)fluoranthene       | -10  | U         | R'              |
| 50-32-8   | Benzo(a)pyrene             | 1    | J         |                 |
| 193-39-5  | Indeno(1,2,3-cd)pyrene     | 10   | U (       | 2               |
| 53-70-3   | Dibenzo(a,h)anthracene     | _10  |           | R + 10%         |
| 191-24-2  | Benzo(g,h,i)perylene       | 10   | . of U 34 | 1 AC            |



Contirmation

1F

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS NYSDEC SAMPLE NO.

| Lab Name:                    | Contract: |                                      |
|------------------------------|-----------|--------------------------------------|
| Lab Code: Case No.:          |           | SDG No.:                             |
| Matrix:(soil/water)          | _         | Lab Sample ID: <u>L82384-11</u>      |
| Sample wt/vol(g/mL)          |           | Lab File ID: 63703 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: 3         |           | CONCENTRATION UNITS: (ug/L or ug/Kg) |

|            |                                    |       | •          |     |   |
|------------|------------------------------------|-------|------------|-----|---|
| CAS NUMBER | COMPOUND NAME                      | RT    | EST. CONC. | I Q |   |
| 1.+20-10   | Cei                                |       |            | _   | 7 |
| 2.120-40-1 | NN-b.s (zhydroxyethy)) Odecanomite | 20.50 | 4          | NI  | 1 |
| 3.544-63-8 | Tetraderana: Acid                  | 23.40 | 4          | 1   | 7 |
| 4.57-11-4  | Octodecanois Asid                  | 28.54 | 13         | TI  |   |
| 5.         | Service Chinic It                  |       |            |     | 1 |
| 6.         |                                    |       |            |     | 7 |
| 7.         |                                    |       |            |     | 1 |
| 8.         |                                    |       |            |     |   |
| 9.         |                                    |       |            |     |   |
| 10.        |                                    |       |            |     |   |
| 11.        |                                    |       |            |     |   |
| 12.        |                                    |       |            |     |   |
| 13.        |                                    |       |            |     |   |
| 14.        |                                    |       |            |     |   |
| 15.        |                                    |       |            |     |   |
| 16.        |                                    |       |            |     |   |
| 17.        |                                    |       |            |     |   |
| 18.        |                                    |       |            |     |   |
| 19.        |                                    |       |            |     |   |
| 20.        |                                    |       |            |     |   |
| 21.        |                                    |       |            |     |   |
| 22.        |                                    |       |            |     | Ī |
| 23.        |                                    |       |            |     |   |
| 24.        |                                    |       |            |     |   |
| 25.        |                                    |       |            | 1   | ] |
| 26.        |                                    |       |            | 1   | Ī |
| 27.        |                                    |       |            |     |   |
| 28.        |                                    |       |            | 1   |   |
| 29.        |                                    |       |            |     |   |
| 30.        |                                    |       |            |     |   |
|            |                                    |       |            |     |   |

# 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND        | LABORA  | TORY, INC.    | C | Contract:     |       | 14144-02     |
|-----------------|---------------|---------|---------------|---|---------------|-------|--------------|
| Lab Code:       | 10252         | C       | ase No.:      |   | SAS No.:      | SD    | G No.: PANAM |
| Matrix: (soil/v | vater)        | WATER   |               |   | Lab Sample    | ID: L | _82384-13    |
| Sample wt/vo    | ol:           | 860     | (g/mi) ML     |   | Lab File ID:  |       | 33696.D      |
| Level: (low/m   | ned)          | LOW     |               |   | Date Receiv   | ed: [ | 01/15/02     |
| % Moisture:     |               | de      | ecanted:(Y/N) | N | Date Extract  | ed: ( | 01/16/02     |
| Concentrated    | I Extract     | Volume: | 1000 (uL)     |   | Date Analyz   | ed: ( | 01/21/02     |
| Injection Volu  | ıme: <u>2</u> | .0 (uL) |               |   | Dilution Fact | or: 1 | 1.0          |
| GPC Cleanup     | o: (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-Chloroethylethe |                     | l 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                  | l U   |
| 108-60-1 | 2,2'-oxybis(1-Chlorop | ropane) 12          | i U   |
| 106-44-5 | 4-Methylphenol        | 12                  | U     |
| 621-64-7 | N-Nitrosodi-n-propyla | mine 12             | U     |
| 67-72-1  | Hexachloroethane      | 12                  | l 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-Chloroethoxyme  | ethane) 12          | U     |
| 120-83-2 | 2,4-Dichlorophenol    | 12                  | i U   |
| 120-82-1 | 1,2,4-Trichlorobenzer | ne <u>1</u> 12      | : U_  |
| 91-20-3  | Naphthalene           | 12                  | l U   |
| 106-47-8 | 4-Chloroaniline       | 12                  | U     |
| 87-68-3  | Hexachlorobutadiene   | 12                  | U     |
| 59-50-7  | 4-Chloro-3-methylphe  | enol 12             | U     |
| 91-57-6  | 2-Methylnaphthalene   | 12                  | U     |
| 77-47-4  | Hexachlorocyclopent   | adiene 12           | U     |
| 88-06-2  | 2,4,6-Trichlorophenol |                     | ! 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                | ı U   |
| 208-96-3 | Acenaphthylene        | 12                  | ; U   |
| 606-20-2 | 2,6-Dinitrotoluene    | 12                  | U     |
| 99-09-2  | 3-Nitroaniline        | 29                  | U     |
| 83-32-9  | 1 Acenaphthene        | 12                  | , U   |
| 51-28-5  | 2,4-Dinitrophenol     | 29                  | U     |
| 100-02-7 | 4-Nitrophenol         | 29                  | ' U _ |
| 132-64-9 | Dibenzofuran          | 1 12                | U     |
| 121-14-2 | 2,4-Dinitrotoluene    | 1 12                | i U   |

1C NYSDEC SAMPLE NO.

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name:       | FRIEND        | LABORAT   | ORY, INC     | С | ontract:        |       | MAA-02       |
|-----------------|---------------|-----------|--------------|---|-----------------|-------|--------------|
| Lab Code:       | 10252         | Ca:       | se No.:      |   | SAS No.:        | SE    | G No.: PANAM |
| Matrix: (soil/v | vater)        | WATER     |              |   | Lab Sample      | e ID: | L82384-13    |
| Sample wt/vo    | ol:           | 860       | (g/ml) ML    |   | Lab File ID:    |       | B3696.D      |
| _evel: (low/n   | ned)          | LOW       |              |   | Date Recei      | ved:  | 01/15/02     |
| % Moisture:     |               | dec       | canted:(Y/N) | Ν | Date Extrac     | cted: | 01/16/02     |
| Concentrated    | Extract       | Volume: 1 | 000 (uL)     |   | <br>Date Analy: | zed:  | 01/21/02     |
| njection Volu   | ıme: <u>2</u> | .0 (uL)   |              |   | Dilution Fac    | ctor: | 1.0          |
| GPC Cleanur     | o. (Y/N)      | Ν         | nH·          |   |                 |       |              |

# CONCENTRATION UNITS:

| CAS NO.   | COMPOUND                   | (ug/L or ug/Kg) UG/L | Q        |  |
|-----------|----------------------------|----------------------|----------|--|
| 84-66-2   | Diethyl phthalate          | 12                   | U        |  |
| 7005-72-3 | 4-Chiorophenylphenylether  | 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 i                 | U        |  |
| 129-00-0  | Pyrene                     | i 12 i               | 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> </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        |  |

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 [               | D: LB2 354-     | 13   |        |
| Sample wt/vol         | (g/mL)          |                    | Lab File ID:               | 63696.2         |      |        |
| Level: (low/med) _    |                 |                    | Date Receive               | ed:             |      |        |
| % Moisture: decant    | ted (Y/N)       |                    | Date Extracte              | ed:             |      |        |
| Concentrated Extra    | act Volume:     | (uL)               | Date Analyze               | ed:             |      |        |
| Injection Volume: _   | (uL)            |                    | Dilution Factor            | or:             |      |        |
| GPC Cleanup: (Y/N     | N)              | рН:                |                            |                 | R    | 70038  |
| Number TICs found     | d: <i>\[o\]</i> |                    | CONCENTR.<br>(ug/L or ug/K | ATION UNITS: g) |      | 1/36   |
| CAS NUMBER            | COMPOL          | JND NAME           | RT                         | EST. CONC.      | Q    |        |
| 1.120-40-1            | N.N-bis/2-hyda  | oxyethy Dodgoganar | nde 20.49                  | :5              | LNJ  | ]1.3   |
| 2. 544-63-8           | Tetrodecanci    | 1 -                | 23.40                      | 4               | 1 +  | July's |
| 3. 57-10-3            | Heradocan       |                    | 76-10                      | 13              | N78  | 1      |
| 4. 112-80-1           | Oleic           | Acid .             | 28.26                      | 8               | ++   | 125 P  |
| 5. 57-11-4            |                 | nic Açid           | 28.54                      | 16              | TN   | 125    |
| 6.                    | Unkno           |                    | 35.23                      | 13              | 1.JB | 19     |
| 7.                    |                 |                    |                            |                 |      | 2      |
| 8.                    |                 |                    |                            |                 |      |        |
| 9.                    |                 |                    |                            |                 |      | 1      |
| 10.                   |                 |                    |                            |                 |      |        |
| 11.                   |                 |                    |                            |                 |      |        |
| 12.                   |                 | •                  |                            |                 |      |        |
| 13.                   |                 | •                  |                            |                 | l    |        |
| 14.                   | ì               |                    |                            |                 |      |        |
| 15.                   |                 |                    |                            |                 |      |        |
| 16.                   |                 |                    |                            |                 |      | _      |
| 17.                   |                 |                    |                            |                 |      |        |
| 18.                   |                 |                    |                            |                 |      |        |
| 19.                   |                 |                    |                            |                 |      |        |
| 20.                   |                 |                    |                            |                 |      |        |
| 21.                   |                 |                    |                            |                 |      |        |
| 22.                   |                 |                    |                            |                 |      |        |
| 23.                   |                 |                    |                            |                 |      |        |
| 24.                   |                 | . *                |                            |                 |      |        |
| 25.                   |                 |                    |                            |                 |      |        |
| 26.                   |                 |                    |                            |                 |      |        |
| 27.                   | <u> </u>        |                    |                            |                 |      |        |
| 28.                   | <u> </u>        |                    |                            |                 |      |        |
| 29.                   |                 |                    |                            |                 |      |        |
| 20                    |                 |                    |                            | i               |      |        |

FORM I-CLP-SY-TIC

1B

NYSDEC SAMPLE NO.

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

|                 |                 |         |                |      |                  | MW-06 RE      |
|-----------------|-----------------|---------|----------------|------|------------------|---------------|
| Lab Name:       | FRIEND          | LABORA  | TORY, INC.     | Cont | ract:            |               |
| Lab Code:       | 10252           | Ca      | se No.:        | SA   | No.: SE          | OG No.: PANAM |
| Matrix: (soil/v | water)          | WATER   |                |      | Lab Sample ID:   | L82384-14     |
| Sample wt/vo    | ol:             | 1000    | (g/ml) ML      |      | Lab File ID:     | B3697.D       |
| Level: (low/n   | ned)            | LOW     |                |      | Date Received:   | 01/15/02      |
| % Moisture:     |                 | de      | canted:(Y/N) _ | N    | Date Extracted:  | 01/16/02      |
| Concentrated    | Extract         | Volume: | 1000 (uL)      |      | Date Analyzed:   | 01/21/02      |
| Injection Volu  | ıme: <u>2</u> . | 0 (uL)  |                |      | Dilution Factor: | 1.0           |
| GPC Cleanup     | p: <b>(Y/N)</b> | 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               |                | R         |
| 95-57-8  | 2-Chlorophenol         | 10                  | U              | ·         |
| 541-73-1 | 1,3-Dichlorobenzene    | -10                 |                | B         |
| 106-46-7 | 1,4-Dichlorobenzene    | <del>-10</del>      | U              | RR        |
| 95-50-1  | 1,2-Dichlorobenzene    | <del>-10</del>      | U              | $\pm$ R   |
| 95-48-7  | 2-Methylphenol         | 10                  | U              |           |
| 108-60-1 | 2,2'-oxybis(1-Chloropr | opane) 10           | U              | R         |
| 106-44-5 | 4-Methylphenol         | 10                  | U              |           |
| 621-64-7 | N-Nitrosodi-n-propylar | nine                |                | +8        |
| 67-72-1  | Hexachloroethane       | 10                  | <del>U</del>   | - R       |
| 98-95-30 | Nitrobenzene           | 10                  | <del>U_</del>  | ±R        |
| 78-59-1  | Isophorone             | 10                  |                | R         |
| 88-75-52 | 2-Nitrophenol          | 10                  | U              |           |
| 105-67-9 | 2,4-Dimethylphenol     | 10                  | U              |           |
| 111-91-1 | bis(2-Chloroethoxyme   | thane) 10           | <del></del>    | R         |
| 120-83-2 | 2,4-Dichlorophenol     | 10                  | U              |           |
| 120-82-1 | 1,2,4-Trichlorobenzen  | e 10                | U              | R         |
| 91-20-3  | Naphthalene            | 10                  | <del>U</del>   | - R       |
| 106-47-8 | 4-Chloroaniline        | 10                  | U              | R         |
| 87-68-3  | Hexachlorobutadiene    | 10                  | U              | R         |
| 59-50-7  | 4-Chloro-3-methylphe   | nol 10              | U              |           |
| 91-57-6  | 2-Methylnaphthalene    | 10                  | <del>- U</del> | -<br>  જે |
| 77-47-4  | Hexachlorocyclopenta   | diene 10            | <del></del>    | + R       |
| 88-06-2  | 2,4,6-Trichlorophenol  | 10                  | U              | 1         |
| 95-95-4  | 2,4,5-Trichlorophenol  | 25                  | U              |           |
| 91-58-7  | 2-Chloronaphthalene    | -10                 | _U_            | R         |
| 88-74-4  | 2-Nitroaniline         | -25                 | U              | - 2       |
| 131-11-3 | Dimethyl phthalate     | -10                 | <del>U</del>   | B         |
| 208-96-8 | Acenaphthylene         | 10-                 | U              | 18        |
| 606-20-2 | 2,6-Dinitrotoluene     | 10                  | U              | 18        |
| 99-09-2  | 3-Nitroaniline         | -25                 | -U-            | R         |
| 83-32-9  | Acenaphthene           | 10-                 | U              | - B       |
| 51-28-5  | 2.4-Dinitrophenol      | 25                  | U              |           |
| 100-02-7 | 4-Nitrophenol          | 25                  | U              | 1         |
| 132-64-9 | Dibenzofuran           | 10-                 | <del></del>    | R         |
| 121-14-2 | 2,4-Dinitrotoluene     | 1 10                | U              | <u> </u>  |

Charles Charles

1C NYSDEC SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET MW-06 RE Lab Name: FRIEND LABORATORY, INC. Contract: Lab Code: 10252 Case 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 LOW Level: (low/med) Date Received: 01/15/02 decanted:(Y/N) N Date Extracted: 01/16/02 % Moisture: 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 7005-72-3 4-Chlorophenylphenylether 10 -10 86-73-7 Fluorene R 100-01-6 4-Nitroaniline -25 534-52-1 2-Methyl-4-6-dinitrophenol 25 Ш -B 86-30-6 n-Nitrosodiphenylamine <del>-10-</del> 101-55-3 4-Bromophenylphenylether -R 118-74-1 Hexachlorobenzene 10 87-86-5 Pentachlorophenol 25 U 85-01-8 Phenanthrene -10 ++-Ū R 120-12-7 Anthracene 86-74-8 Carbazole 10 R 84-74-2 Di-n-butyl phthalate 10 B R 206-44-0 Fluoranthene 10 129-00-0 Pyrene <del>-10</del> R 85-68-7 Butylbenzyl phthalate <del>-10</del> R 91-94-1 3,3'-Dichlorobenzidine -10 2 56-55-3 Benzo(a)anthracene B 218-01-9 Chrysene Bar 2/12/028 10 117-81-7 bis-2-Ethylhexyl phthalate -3 117-84-0 Di-n-octyl phthalate 10 R 205-99-2 Benzo(b)fluoranthene 10 R R 207-08-9 Benzo(k)fluoranthene 10 50-32-8 Benzo(a)pyrene 8 193-39-5 Indeno(1,2,3-cd)pyrene 10 R

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene

53-70-3

191-24-2

- R

10

1F

Confirmation

# 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 <u>ID: L82384-14</u> |
| Sample wt/vol(g/mL)_         |           | Lab File ID: B3697. 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)           | рН:       | CONCENTRATION UNITS:            |
| Number TICs found: 2 1       | _         | (ug/L or ug/Kg) (XG 1 L         |

| Number 1103 louis |                                     | (agric or agri- | 97 - 129 1 - |     |       |
|-------------------|-------------------------------------|-----------------|--------------|-----|-------|
| CAS NUMBER        | COMPOUND NAME                       | RT              | EST. CONC.   | I Q | Ī     |
| 1. 96-76-4        | 2,4- bis (1,1-dimethylethyl) Phenol | 19.61           | 4            | NJ  | 11/   |
| 2. 143-07-7       | Doderanoic Acid                     | 20.52           | 3            | 11  | 25    |
| 3. 544-63-8       | Tetradecernic Acid                  | 23.45           | 16           | 1 1 | $\nu$ |
| 4.                | Unknows                             | 25.82           | 3            | 15  |       |
| 5. 57-10-3        | Hexaderanon Acid                    | 26.110          | 53           | NJB | 7-1   |
| 6. 10544-50-0     | Elemental Sulfur                    | 27-47           | 7            | INJ |       |
| 7. 629-73-2       | 1-Hexadecene                        | 27.73           | 12           | 1 1 |       |
| 8-112-80-1        | Oleic Acid                          | 28.30           | 91           | MIB |       |
| 9. 57-11-4        | Ortadicanois Acid                   | 78.56           | 35           | NJ  |       |
| 10. 544-63-8      | Tetradecancia Acid                  | 28.80           | 54           | 1   |       |
| 11. 638-67-5      | Tricogan                            | 30.03           | _12          |     | /     |
| 12. 646-31-1      | Tetracosane                         | 31.12           | ;4           |     | 2     |
| 13. 630-16-8      | Hexatriacontane                     | 32.16           | 14           |     |       |
| 14. 630-01-3      | Heracosane                          | F3 15           | 15           | 1 * |       |
| 15.               | Unknown                             | 33:59           | 7            | 15  |       |
| 16. 593-49-7      | Heptacosane                         | 34.12           | 34           | INI | -     |
| 17.               | Unknown                             | 3496            | 45           | 1 7 |       |
| 18.6765-39-5      | 1-Heptadecene                       | 35.02           | L65          | 117 |       |
| 19. 3 2 8         | Unknown                             | 35,24           | 36           | 130 | 4     |
| 20.630-06-8       | Hexatriacontane                     | 35.95           | 20           | INI | 2     |
| 21. 6971-40-0     | 17-Pentatriacontene                 | 36.79           | 89           | 11  |       |
| 22. 630-06-8      |                                     | 37.65           | 13           | ↓   |       |
| 23.               | Unknown                             | 33.58           | 49           | J.  |       |
| 24.               | 1 Hydrocalbun                       | 40.73           | 78           | _   | است   |
| 25.               |                                     |                 |              |     | 1     |
| 26.               |                                     |                 |              |     |       |
| 27.               |                                     |                 |              |     |       |
| 28.               |                                     |                 |              |     |       |
| 29.               |                                     |                 |              |     |       |
| 30.               |                                     |                 |              |     |       |

PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L82384-1

TP-MW-B

Contract: Lab Name: Case No.: SAS No.: SDG No.: PAN384 Lab Code: Matrix: (soil/water) WATER Lab Sample ID: L82384-1 Lab File ID: E4955139 Sample wt/vol: (g/mL) ML % 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

Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.0

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

1.00 U 12674-11-2-----Aroclor-1016\_ 1104-28-2------Aroclor-1221\_ 2.00 U 1.00 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

FORM I PCB

EPA SAMPLE NO.

· 200

L82384-3 Lab Name: Contract: SDG No.: PAN384 Lab Code: Case No.: SAS No.: 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 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 1.00 U

### 1D PCB ANALYSIS DATA SHEET

11096-82-5-----Aroclor-1260

-----Aroclor-1248

EPA SAMPLE NO.

1.00 U

L82384-9 Lab Name: Contract: TP-MW-03 SDG No.: PAN384 Case No.: SAS No.: Lab Code: Lab Sample ID: L82384-9 Matrix: (soil/water) WATER Sample wt/vol: (g/mL) ML Lab File ID: E4955141 % Moisture: \_\_\_\_ decanted: (Y/N) \_\_\_ Date Received: 01/15/1 Date Extracted: 01/17/2 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/25/2 Concentrated Extract Volume:\_\_\_\_(uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL) Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 1.00 U 12674-11-2----Aroclor-1016 2.00 U 1104-28-2----Aroclor-1221 1.00 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

PCB ANALYSIS DATA SHEET

L82384-11 Contract: Lab Name: SDG No.: PAN384 Lab Code: Case No.: SAS No.: Lab Sample ID: L82384-11 Matrix: (soil/water) WATER 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 Dilution Factor: 1.0 Injection Volume: 1.0(uL) Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: 7.0 CONCENTRATION UNITS: CAS NO. Q COMPOUND (ug/L or ug/Kg) UG/L 12674-11-2-----Aroclor-1016\_ 1104-28-2------Aroclor-1221\_ 1.00 U 2.00 U 1.00 U 11141-16-5-----Aroclor-1232 1.00 U 53469-21-9----Aroclor-1242 11097-69-1-----Aroclor-1254 1.00 U 11096-82-5----Aroclor-1260 1.00 U

1.00 U

-----Aroclor-1248

NYSDEC - ASP

INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| Inh Name: EDIEND IND |               | Contract:   | MW-01             |
|----------------------|---------------|-------------|-------------------|
| Lab Name: FRIEND_LAB | JRATURI,_INC. | Concract:   |                   |
| Lab Code: 10252      | Case No.:     | SAS No.:    | SDG No.: TRINIDAD |
| Matrix (soil/water): | WATER_        | Lab Sample  | ID: L82384-1      |
| Level (low/med):     | LOW           | Date Receiv | ed: 01/15/02      |

Solids:

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

| 7429-90-5         Aluminum         209000         P           7440-36-0         Antimony         102         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         P           7440-70-2         Calcium         1300000         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           7439-97-6         Mercury         0.37         CV           7440-02-0         Nickel         296         P           7440-09-7         Potassium         42700         P           7440-22-4         Silver         9.7         B         P           7440-23-5         Sodium         11800         P           7440-28-0         Thallium         3.0         U         F <th>CAS No.</th> <th>Analyte</th> <th>Concentration</th> <th>С</th> <th>Q</th> <th>М</th> <th></th> | CAS No.    | Analyte      | Concentration | С | Q | М              |   |
|---|------------|--------------|---------------|---|---|----------------|---|
| 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       P         7440-70-2       Calcium       1300000       P         7440-48-4       Cobalt       109       P         7449-89-6       Iron       315000       P         7439-98-6       Iron       315000       P         7439-95-4       Magnesium       321000       P         7439-96-5       Manganese       6190       P         7440-02-0       Nickel       296       P         7440-09-7       Potassium       42700       P         7440-22-4       Silver       9.7       B       P         7440-23-5       Sodium       11800       P         7440-28-0       Thallium       3.0       U       F         7440-66-6       Zinc       1200       P   |            |              | 209000_       |   |   | P_             |   |
| 7440-39-3       Barium       1310       P         7440-41-7       Beryllium       10.3       P         7440-43-9       Cadmium       17.4       P         7440-70-2       Calcium       1300000       P         7440-47-3       Chromium       272       P         7440-48-4       Cobalt       109       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         7440-02-0       Nickel       296       P         7440-09-7       Potassium       42700       P         7782-49-2       Selenium       6.0       U       F         7440-23-5       Sodium       11800       P         7440-28-0       Thallium       3.0       U       F         7440-66-6       Zinc       1200       P  |            |              |               |   |   | P_             | 2 |
| 7440-41-7       Beryllium       10.3       P         7440-43-9       Cadmium       17.4       P         7440-70-2       Calcium       1300000       P         7440-47-3       Chromium       272       P         7440-48-4       Cobalt       109       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         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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P   |            |              |               | _ |   | _F_            |   |
| 7440-43-9       Cadmium       17.4       P         7440-70-2       Calcium       1300000       P         7440-47-3       Chromium       272       P         7440-48-4       Cobalt       109       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         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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P  | L7440-39-3 | _Barium      |               |   |   | +              |   |
| 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         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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P  | L7440-41-7 | _Beryllium_  | 10.3          |   |   | _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         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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P  |            |              |               |   |   | P_             | 5 |
| 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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P   |            |              | 1300000_      |   |   | 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         7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P  |            |              |               |   |   | <del></del>    |   |
| 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         7440-66-6       Zinc       1200       P   |            |              | 109_          |   |   | _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         7440-66-6       Zinc       1200       P   | L7440-50-8 | _Copper      |               |   |   | _P_            |   |
| 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  | 7439-89-6  | _Iron        | 315000_       |   |   | _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  | [7439-92-1 | _Lead        | 216_          |   |   | _F_            |   |
| 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   | 7439-95-4  | Magnesium    | 321000_       |   |   | _P_            |   |
| 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   | [7439-96-5 | _Manganese_  | 6190          |   |   | P_             |   |
| 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   | 7439-97-6  | Mercury      | 0.37          |   |   | CV             |   |
| 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  |            |              | 296           |   |   | P              |   |
| 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   | T7440-09-7 | Potassium    | 42700         |   |   | 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  | 7782-49-2  | TSelenium -  | 6.0           | U |   | F              |   |
| 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  | 7440-22-4  | Tsilver      | 9.7           | В |   | P              | ] |
| 7440-28-0       Thallium       3.0       U       F         7440-62-2       Vanadium       450       P         7440-66-6       Zinc       1200       P   |            |              | 11800         | _ |   | P              | 1 |
| 7440-62-2 Vanadium 450 P<br>7440-66-6 Zinc 1200 P   |            |              |               | U |   | F              |   |
| 7440-66-6 Zinc 1200 P   | <b>—</b>   |              |               |   |   | T <sub>P</sub> |   |
|   |            | _            |               |   |   | <del></del>    | ] |
|   |            | <del>-</del> |               | В |   | <del></del>    | Ì |
|   |            |              | İ             |   |   | T              |   |

| olor  | Before: | Clarity Before: | <br>Texture:   |
|-------|---------|-----------------|----------------|
| Color | After:  | Clarity After:  | <br>Artifacts: |
| ommer | nts:    |                 |                |
| •     |         | - 7 · .'        |                |
| •     |         | - 71 ,7         |                |

10/95

# NYSDEC - ASP

INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

| MW-03 | DISSOLVED |
|-------|-----------|
|       | 1         |

| ab Name: FRIEND LABORATORY, INC. |
|----------------------------------|
|                                  |

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

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  | С  | Q | М                                       |   |
|--|--|--|--|---|---|---|
| _7429-90-5<br>_7440-36-0<br>_7440-38-2<br>_7440-39-3<br>_7440-41-7<br>_7440-43-9<br>_7440-70-2<br>_7440-47-3<br>_7440-48-4<br>_7440-50-8<br>_7439-92-1<br>_7439-95-4<br>_7439-96-5<br>_7439-97-6<br>_7440-02-0<br>_7440-02-0<br>_7440-22-4<br>_7440-23-5<br>_7440-28-0<br>_7440-66-6 | Aluminum_ Antimony_ Arsenic_ Barium_ Beryllium_ Cadmium_ Calcium_ Chromium_ Cobalt_ Copper_ Iron_ Lead_ Magnesium_ Manganese Mercury_ Nickel_ Potassium_ Selenium_ Silver_ Sodium_ Thallium_ Vanadium_ | 34.6 2.8 102 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | B<br>B<br>B<br>U<br>B<br>B<br>U<br>B<br>U<br>U<br>B<br>U<br>U<br>U<br>U<br>U<br>U<br>U<br>U<br>U |   | 0 0 F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 5 |
|  |  |  |  |   |   |   |

| Color  | Before: | Clarity Before: | <br>Texture:   |
|--------|---------|-----------------|----------------|
| Color  | After:  | Clarity After:  | <br>Artifacts: |
| Commen | ts:     |                 |                |
|        |         |                 |                |
| _      |         |                 |                |

10/95

### NYSDEC - ASP INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| Tab Name            | · FRIEND LA | BORATORY    | INC. Contr     | act      |         |             |          | MW-04             |
|---------------------|-------------|-------------|----------------|----------|---------|-------------|----------|-------------------|
|                     | _           | _           |                |          |         |             |          | SDG No.: TRINIDAD |
| Lab Code            | . 10252     | case No.    | ·              | 2 14     | ···     |             | ,        | JDG 140 IKIMIDAD  |
| <pre>fatrix (</pre> | soil/water) | : WATER_    |                |          | Lab Sa  | mpl         | e I      | D: L82384-11_     |
| Level (l            | ow/med):    | rom         |                |          | Date F  | lece.       | ive      | d: 01/15/02       |
| : Solids            | :           |             |                |          |         |             |          |                   |
|                     | Concentra   | tion Units  | (ug/L or mg/k  | g (      | dry wei | ight        | ):       | UG/L              |
|                     | CAS No.     | Analyte     | Concentration  | С        | Q       | М           |          |                   |
|                     | 7429-90-5   | Aluminum    | 119000_        |          |         | P           |          |                   |
|                     |             | Antimony_   |                |          | ×       | P P         | 5        |                   |
|                     | 7440-38-2   | Arsenic     |                |          | `       | F           |          |                   |
|                     | 7440-39-3   | Barium      |                |          |         | P           |          |                   |
|                     |             |             | 6.2            |          |         | P           |          |                   |
|                     | 7440-43-9   | Cadmium     | 13.8           |          |         | P           | 5        | •                 |
|                     | 7440-70-2   | Calcium     | 840000         |          |         | P_          |          |                   |
|                     | 7440-47-3   | Chromium    |                |          |         | P           |          |                   |
|                     | [7440-48-4] | Cobalt      | 64.7           |          |         | _P_         |          |                   |
|                     | 7440-50-8   | Copper      | 269_           |          |         | _P_         |          |                   |
|                     | [7439-89-6] | Iron        | 191000         |          |         | _P_         |          |                   |
|                     |             | Lead        | 395_           |          |         | _F_         |          |                   |
|                     | _7439-95-4_ | Magnesium_  | 192000_        |          |         | _P_         |          |                   |
|                     | 7439-96-5   | [Manganese] | 3970_          |          |         | P           |          |                   |
|                     |             | Mercury     |                | $\vdash$ |         | TCA         |          |                   |
|                     |             | Nickel      |                |          |         | _P_         |          |                   |
|                     |             | Potassium_  |                |          |         | _P_         |          |                   |
|                     |             | Selenium_   |                |          |         | _F_         |          |                   |
|                     |             | Silver      |                |          |         | P           |          |                   |
|                     | L7440-23-5  | Sodium_     | 8840_          |          | W       | P_F         |          |                   |
|                     | -7440-28-U  | Thallium_   | 253            |          |         | <del></del> | <u>ر</u> |                   |
|                     |             | Vanadium_   |                |          |         | P_          |          |                   |
|                     | -/440-66-6  | Zinc        |                |          |         | HAS         |          | art 1             |
|                     |             | _Cyanide    | ·              | -B+      |         | +45         |          | Shut Allos        |
|                     |             |             | ,              | <u>l</u> |         |             |          | الله .            |
| olor Be             | fore:       | C           | larity Before: | _        |         |             |          | Texture:          |
| olor Af             | ter:        | Clar        | tity After:    |          |         |             |          | Artifacts:        |
| omments             | ;:          |             |                | •        |         |             |          |                   |
|                     |             |             |                |          |         |             |          |                   |
|                     |             |             |                |          |         |             |          |                   |
|                     |             |             |                |          |         |             |          |                   |

10/95

### NYSDEC - ASP INORGANIC ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

| T = 1     |   |                     |                      |          |             |      | MW-04 DISSOLVED   |
|-----------|---|---------------------|----------------------|----------|-------------|------|-------------------|
| 'ab Name: | : FRIEND_LA                                       | BORATORY,_          | INC. Contr           | ac       | t:          |      |                   |
| Lab Code: | : 10252   | Case No.            | : SAS                | 5 N      | To.:        |      | SDG No.: TRINIDAD |
| ſatrix (s | soil/water)                                       | : WATER_            |                      |          | Lab Samp    | le I | ID: L82384-12_    |
| Level (lo | ow/med):  | LOW                 |                      |          | Date Rec    | eive | ed: 01/15/02      |
| ; Solids: | :   |                     |                      |          |             |      |                   |
|           | Concentrat  | tion Units          | (ug/L or mg/k        | .g (     | dry weigh   | t):  | UG/L              |
|           | CAS No.   | Analyte             | Concentration        | С        | Q M         |      |                   |
|           | _7429-90-5_<br>_7440-36-0_                        | Antimony            | 93.0                 | U        | N P         |      | •                 |
|           | 7440-39-3   | Barium              | 2.0<br>49.0<br>1.0   | IB I     | P P         |      |                   |
|           | 7440-43-9<br>_7440-70-2                           | CadmiumCalcium      | 1.0<br>5.0<br>152000 | 10       | P           |      | 7                 |
|           | _7440-47-3_<br>_7440-48-4_<br>_7440-50-8_         | Cobalt<br>Copper    | 7.0                  | U_<br>B  | P<br>P      |      |                   |
|           | _7439-89-6_<br>7439-92-1                          | Iron<br>Lead        | 75.0<br>5.0          |          | F           |      |                   |
|           | _7439-95-4 <u>_</u><br>_7439-96-5_<br>_7439-97-6_ | Manganese_          | 25700<br>256<br>0.20 |          | P<br>P<br>C |      |                   |
|           | _7440-02-0_<br>7440-09-7                          | Nickel<br>Potassium | 6.0                  | U<br>B   | P           | -    |                   |
| -         | _7782-49-2_<br>_7440-22-4_<br>_7440-23-5          | Selenium<br>Silver  | 3.0<br>6.0<br>6530   | U_<br>U_ | P<br>P      |      |                   |
| -         | 7440-28-0   | Thallium_           | 3.0                  | U        | F           |      |                   |
|           | 7440-66-6   |                     | 6.3                  |          | P<br>N      |      | Bux 103           |
| L         |   |                     |                      |          |             |      |                   |
| olor Bef  | fore:   | C                   | larity Before:       | : _      |             |      | Texture:          |
| Color Aft | er:   | Clar                | rity After:          | _        |             |      | Artifacts:        |
| comments: | :   |                     |                      |          |             |      |                   |
|           |   |                     |                      |          |             |      |                   |

# ATTACHMENT 2 SUPPORT DOCUMENTATION

CUSTOMER CODE #

| FAX:  FAX:  COPY IO: ADDRESS:  | ANALYSES / TESTS REQUESTED       | Total & Dissolver   | 5 VOC / FCES . 3.4.5<br>Worth 15 Total & Dissolved (6.7.8 | -13 f Discolver -10  | 70 to 1 8 Dissolved - 12 | NOTES TO LABORATORY | SUSPECTED CONTAMINATION LEYEL NONE SLIGHT MODERATE HIGH (please circle) |
|--|----------------------------------|---|---|--|--------------------------|---------------------|---|
| CLIENT: ADDRESS: PHONE: FA   | ANA                              | Sroc/<br>VoA<br>Metals  | 5 VOC / P<br>VO.4<br>Metals                               | 5voc/ PCBs<br>Voa<br>Metall Tot  | SVOC/F<br>VOA<br>Wetuls  | DATE/TIME           | 1/15/03 1   |
| Sociem throsolitate  MED ph (2 VEA)  MED ph (2 | NUMBER OF<br>CONTAINERS          | Description: Grab Composite Other Maters, DM VIVI MW Soil Air Other | 3   | 2 3 2 1<br>Description: Grab Composite Other Marrix: DW WW MW Soil Air Other | S   S   Z   /            | ACCEPTED BY         | g hyping  |
| ONE RESEARCH CIRCLI: WAVERLY NY 14892-1532 Telephone (607) 565 3500 Fax (607) 565-4083 J. DAL YARY   | SAMPLE DESCRIPTION               | 10.mw-d1  | TF-MW:-02<br>TF-MW-02,115/115D                            | F-MW-03  | 40-MW-01                 | DATE /IIME          | 1/4/62 () 25/41/5<br>01.14.62.  |
| Southe Sile -   P. 11.5. DAY) PARTY NY 14  F. R. 1 E. N. D. 1elephone (607) 56  Fax (607) 56  Fax (607) 56  For II   | DATE & TIME OF SAMPLE COLLECTION |   | 1/14/02 76  | 2.0/h1/1   | 2.0/h1/10.5              | RELINQUISHED BY     | Gustin Reminer  |

CUSTOMER CODE # \_\_

| 7320   | SAME<br>NUMBER                     | LAB USE ONLY  |   |   |   | \.                  | -18-1                            | FL<br>HIGH (please circle)             |
|--|------------------------------------|---|---|---|---|---------------------|----------------------------------|--|
| ADDRESS: COPY 10: ADDRESS:   | ANALYSES / TESTS REQUESTED         | ,   | M ~ .   | 7   |   | NOTES TO LABORATORY |                                  | CTED CONTAMINATION LEV SLIGHT MODERATE |
| CLIENT: ADDRESS: PHONE: FAX: PROJECT NO. / NAME:   | ANALYSE                            | SVOC  | 5100  | 95-1  |   | DATE/TIME           | 00 1/5/1/10<br>20 h1 id<br>0h7/1 | SUSPE                                  |
| Sectors chroselface  MC) pr <2  MC) pr <2  Ascorpic scie & MCl pH <2  MND <sub>3</sub> ps <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MSD <sub>4</sub> ph <2  MS | NUMBER OF<br>CONTAINERS            | Description: Grab Composite Other Matrix: DW WW MW Soil Air Other | Description: Grab Composite Other Matrix: DW WW MW Soil Air Other | Description: Grab Composite Other Matrix: DW WW MW Soil Air Other | Description: Grab Composite Other Maters: DW WW MW Soil Air Other | ACCEPTED BY         | Millian Yah                      |  |
| ONE RESEARCH CIRCLE WAVERLY NY 14892-1532 Telephone (607) 565 3500 Fax (607) 565-4083  | SAMPLE DESCRIPTION                 | 7 MW - 05   | P. MW : 06  | 7. F (1) - 5-17 - 5-7   |   | DATE /IIME          | 1/4/62 (Justin C)                |  |
| Somple Sin:  | DATE & TIME OF SAMPLE COLLECTION S | <u> </u>  | 10/h/)  |   | 00628   | RELINQUISHED BY     | SAMPLER KONTERS                  | ) Q.O                                  |

### 4A VOLATILE METHOD BLANK SUMMARY

NYSDEC Sample NO.

| Lab Name:     | FRIEND LABO         | RATORY, INC.       | Contract: | VBLKD1         |
|---------------|---------------------|--------------------|-----------|----------------|
| Lab Code:     | 10252               | Case No.:          | SAS No.:  | SDG No.: PANAM |
| Lab File ID:  | D1664.D             |                    | Lab Samp  | le ID: vblk    |
| Date Analyze  | ed: <u>01/17/02</u> |                    | Time Anal | lyzed: 18:00   |
| GC Column:    | RTX-624 ID          | : <u>0.53</u> (mm) | Heated P  | urge: (Y/N) N  |
| Instrument IF | n. MSD-D            |                    |           |                |

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

| NYSDEC     | LAB   | LAB   | TIME  |
|------------|---|---|---|
| SAMPLE NO. | SAMPLE ID   | FILE ID   | ANALYZED  |
| VBLKD1MS   | VBLKMS  | D1665.D   | 18:34   |
| MW-01      | L82384-1  | D1666.D   | 19:08   |
| MW-02      | L82384-3  | D1667.D   | 19:41   |
| MW-02 MS   | L82384-4, -3MS  | D1668.D   | 20:14   |
| MW-02 MSD  | L82384-5, -3MSD   | D1669.D   | 20:47   |
| MW-03      | L82384-9  | D1670.D   | 21:20   |
| MW-04      | L82384-11   | D1671.D   | 21:54   |
| TRIP BLANK | L82384-15   | D1672.D   | 22:27   |
|            | SAMPLE NO.  VBLKD1MS  MW-01  MW-02  MW-02 MS  MW-02 MSD  MW-03  MW-04 | SAMPLE NO.         SAMPLE ID           VBLKMS         VBLKMS           MW-01         L82384-1           MW-02         L82384-3           MW-02 MS         L82384-4, -3MS           MW-02 MSD         L82384-5, -3MSD           MW-03         L82384-9           MW-04         L82384-11 | SAMPLE NO.         SAMPLE ID         FILE ID           VBLKD1MS         VBLKMS         D1665.D           MW-01         L82384-1         D1666.D           MW-02         L82384-3         D1667.D           MW-02 MS         L82384-4, -3MS         D1668.D           MW-02 MSD         L82384-5, -3MSD         D1669.D           MW-03         L82384-9         D1670.D           MW-04         L82384-11         D1671.D |

COMMENTS

1E

1. 000110-54-3 Hexane

### VOLATILE ORGANICS ANALYSIS DATA SHEET NYSDEC SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

JN

|                |          | TENTAT     | IVELY IDENTIF | FIED COMP | POUNDS                   |        |          | 1.1654 |      |
|----------------|----------|------------|---------------|-----------|--------------------------|--------|----------|--------|------|
| Lab Name:      | FRIEND   | LABORAT    | ORY, INC.     | Contrac   | ot:                      |        | AB       | LKD1   |      |
| Lab Code:      | 10252    | Cas        | se No.:       | SAS       | No.:                     | SE     | G No.: F | PANAN  | 1    |
| Matrix: (soil/ | water)   | WATER      | _             |           | Lab Sample               | e ID:  | vblk     |        |      |
| Sample wt/vo   | ol:      | 5.0        | (g/ml) ML     |           | Lab File ID:             | 1      | D1664.D  |        |      |
| Level: (low/r  | med)     | LOW        | _             |           | Date Receiv              | ved:   |          |        |      |
| % Moisture:    | not dec. |            |               |           | Date Analyz              | zed: ( | 01/17/02 |        |      |
| GC Column:     | RTX-6    | 24 ID: 0.5 | 53 (mm)       | 1         | Dilution Fac             | ctor:  | 1.0      |        |      |
| Soil Extract \ | √olume:  |            | _ (uL)        | :         | Soil Aliquot             | Volur  | ne:      |        | (uL) |
| Number TICs    | s found: | 1          | _             |           | ONCENTRA<br>g/L or ug/Ko |        |          | _      |      |
| CAS NO.        |          | COMPOU     | IND NAME      |           | RT                       | EST    | r. conc. |        | Q    |

8.73

### 2C WATER SEMIVOLATILE SURROGATE RECOVERY

| Lab Name: | FRIEND LABORATORY, INC. | Contract: |  |
|-----------|-------------------------|-----------|--|
|-----------|-------------------------|-----------|--|

|    | NYSDEC     | S1      | S2      | S3      | S4      | S5      | S6      | S7      | S8      | TOT |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
|    | SAMPLE NO. | (NBZ) # | (FBP) # | (TPH) # | (PHL) # | (2FP) # | (TBP) # | (2CP) # | (DCB) # | 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   |
| 80 | 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 | MVV-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 | MVV-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) |
| \$4        | (PHL) | = | Phenol-d5              | (10-110) |
| <b>S</b> 5 | (2FP) | = | 2-Fluorophenol         | (21-110) |
| S6         | (TBP) | = | 2,4,6-Tribromophenol   | (10-123) |
| <b>S</b> 7 | (2CP) | = | 2-Chlorophenol-d4      | (33-110) |
| 58         | (DCB) | = | 1.2-Dichlorobenzene-d4 | (16-110) |

<sup>#</sup> Column to be used to flag recovery values

D Surrogate diluted out

<sup>\*</sup> Values outside of contract required QC limits

### 4B SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

| Lab Name:      | FRIEND     | LABORAT | ORY, INC. | Contract:      |               | SBLK55     |
|----------------|------------|---------|-----------|----------------|---------------|------------|
| Lab Code:      | 10252      | Ca      | se No.:   | SAS No.:       | SDG           | No.: PANAM |
| Lab File ID:   | B369       | 92.D    |           | Lab Sample ID  | ): SE         | BLK55      |
| Instrument IC  | <b>)</b> : | MSD-B   |           | Date Extracted | l: <u>0</u> 1 | /15/02     |
| Matrix: (soil/ | water)     | WATER   | _         | Date Analyzed  | : <u>01</u>   | /21/02     |
| Level: (low/r  | med)       | LOW     |           | Time Analyzed  | l: 15         | 5:27       |

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

|    | NYSDEC     | LAB             | LAB     | DATE     |
|----|------------|-----------------|---------|----------|
|    | SAMPLE NO. | SAMPLE ID       | FILE ID | 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: |  |
|-----------|--|
|           |  |

NYSDEC SAMPLE NO.

| SEMIVOLATILE ORGANICS | ANALYSIS | DATA | SHEET |
|-----------------------|----------|------|-------|
|-----------------------|----------|------|-------|

| Lab Name:       | FRIEND        | LABORA  | TORY, INC.   | С | ontract:     |          | SBLK55       |
|-----------------|---------------|---------|--------------|---|--------------|----------|--------------|
| Lab Code:       | 10252         | Ca      | ise No.:     |   | SAS No.:     | SE       | G No.: PANAM |
| Matrix: (soil/v | vater)        | WATER   |              |   | Lab Sample   | -<br>ID: | SBLK55       |
| Sample wt/vo    | ol:           | 1000    | (g/ml) ML    |   | Lab File ID: | Ī        | B3692.D      |
| Level: (low/n   | ned)          | LOW     |              |   | Date Receiv  | /ed:     |              |
| % Moisture:     |               | de      | canted:(Y/N) | Ν | Date Extrac  | ted: (   | 01/15/02     |
| Concentrated    | Extract       | Volume: | 1000 (uL)    |   | Date Analyz  | ed: (    | 01/21/02     |
| Injection Volu  | me: <u>2.</u> | 0 (uL)  |              |   | Dilution Fac | tor:     | 1.0          |
| GPC Cleanup     | ): (Y/N)      | N       | pH:          |   |              |          |              |

### CONCENTRATION UNITS:

|           |                            | CONCENTRATION ONLY   |    |  |
|-----------|----------------------------|----------------------|----|--|
| 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   | Carbażole                  | 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.

| _ab Name:                    | Contract: |                        |
|------------------------------|-----------|------------------------|
| _ab Code: Case No            | SAS No.:  | SDG No.:               |
| Matrix:(soil/water)          |           | Lab Sample ID: 5BLK55  |
| Sample wt/vol(g/mL)          |           | Lab File ID: 63692.d   |
| _evel: (low/med)             |           | Date Received:         |
| % Moisture: decanted (Y/N)   |           | Date Extracted:        |
| Concentrated Extract Volume: | (uL)      | Date Analyzed: 1/15/02 |
| njection Volume:(uL)         |           | Dilution Factor:       |
| GPC Cleanup: (Y/N)           | рН        | CONCENTRATION UNITS    |
| Number TICs found: 2         |           | (ug/Lorug/Ka) UÜ/L     |

|               |                                       | <u> </u>         | _   |
|---------------|---------------------------------------|------------------|---|
| COMPOUND NAME | RT                                    | EST. CONC.       | Q   |
| Oleic Acid    | 28.24                                 | 4                | てい  |
|               | 35.23                                 | - 11             | 1   |
|               |                                       |                  |   |
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|               |                                       |                  |   |
|               |                                       |                  |   |
|               |                                       |                  |   |
|               | COMPOUND NAME  () (2) C ACID  UNKNOWN | Oleic Acid 28.24 | COMPOUND NAME RT EST. CONC.  Oleic Acid 28.24 4 |

UB: 1/29/02 60319

FORM I-CLP-SV-TIC

### 4B SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

| Lab Name:       | FRIEN      | LABORATOR | Y, INC. C | ontract:        | SBLK56        |
|-----------------|------------|-----------|-----------|-----------------|---------------|
| _ab Code:       | 10252      | Case N    | 0.:       | SAS No.: S      | DG No.: PANAM |
| _ab File ID:    | B36        | 94.D      |           | Lab Sample ID:  | SBLK56        |
| nstrument IC    | <b>)</b> : | MSD-B     |           | Date Extracted: | 01/16/02      |
| Matrix: (soil/v | water)     | WATER     |           | Date Analyzed:  | 01/21/02      |
| _evel: (low/r   | ned)       | LOW       |           | Time Analyzed:  | 17:13         |

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

|    | NYSDEC     | LAB       | LAB      | DATE     |
|----|------------|-----------|----------|----------|
|    | SAMPLE NO. | SAMPLE ID | FILE ID  | 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.D1 | 01/23/02 |
| 06 | MW-04      | L82384-11 | B3721.D  | 01/23/02 |

| COMMENTS: |   |
|-----------|---|
|           | _ |
|           | _ |

1F

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| -                            | (TIVEET IBEITIN IEB 00 | NYSDEC SAMPLE NO.            |
|------------------------------|------------------------|------------------------------|
| Lab Name:                    | Contract:              |                              |
| Lab Code: Case No.:          | SAS No.:               | SDG No.:                     |
| Matrix:(soil/water)          |                        | Lab Sample ID: SELK56        |
| Sample wt/vol(g/mL)          |                        | Lab File ID: <u>63694.</u> J |
| Level: (low/med)             |                        | Date Received:               |
| % Moisture: decanted (Y/N)   |                        | Date Extracted: //6/02       |
| Concentrated Extract Volume: | (uL)                   | Date Analyzed:               |
| Injection Volume:(uL)        |                        | Dilution Fact <u>or:</u>     |
| GPC Cleanup: (Y/N)           | рН:                    | CONCENTRATION UNITS.         |
| Number TICs found:3          |                        | (ug/L or ug/Kg) DalL         |

| 1.57-10:3 Hexaderancic Acid Z607 6 NJ 2.112-20-1 Oten Oreic Acid Z8.24 5 1 3. DNKNOWN 35 22 8 J 4. 5. 6. 6. 7.   |             |                   |       | <u> </u>   |          |
|--|-------------|-------------------|-------|------------|----------|
| 2.   | CAS NUMBER  | COMPOUND NAME     | RT    | EST. CONC. | Q        |
| 2 1172-20-1 3. 1) NKNOWN 35 22 8 5 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.   | 1.57-10:3   | Hexaderancia Acid | Z607  |            | して以      |
| 3. INKNOWN 35 22 8 5 4. S. S. S. S. S. S. S. S. S. S. S. S. S.   | 2. 112-20-1 | Olec Oleic Acid   | 28.24 |            |          |
| 4.       5.       1  | 3.          | Unknown           | 35 22 | 8          | 7        |
| 6.       7.       8.       9. <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>   |             |                   |       |            |          |
| 7.       8.       9. <td< td=""><td>5.</td><td></td><td></td><td></td><td></td></td<> | 5.          |                   |       |            |          |
| 8.       9.       4.       5. <td< td=""><td>6.</td><td></td><td></td><td></td><td></td></td<> | 6.          |                   |       |            |          |
| 9.       10      |             |                   |       |            |          |
| 10.       11.       12.       13.       14.       14.       14.       15.       15.       16.       17.       18.       19.       1      | 8.          |                   |       |            | -        |
| 11.       12.       13.       14.       1      |             |                   |       |            |          |
| 12.       13.       14.       14.       14.       15.       15.       15.       16.       15.       16.       17.       17.       17.       17.       18.       17.       18.       17.       18.       19.       1      |             |                   |       |            | -        |
| 13.       14.       15.       1      |             |                   |       |            |          |
| 14.       15.       16.       17.       17.       18.       18.       19.       1      |             |                   |       |            |          |
| 15.       16.       17.       17.       18.       19.       1      | 13.         |                   |       |            |          |
| 16.       17.       18.       19.       1      |             |                   |       |            |          |
| 17.       18.       ————————————————————————————————————   |             |                   |       |            |          |
| 18.       19.       1      |             |                   |       |            |          |
| 19.       20.       3 <td>17.</td> <td></td> <td></td> <td></td> <td></td>   | 17.         |                   |       |            |          |
| 20.       21.       22.       22.       23.       24.       24.       25.       26.       27.       27.       28.       29.       29.       20.       24.       24.       25.       26.       26.       26.       27.       2      | 18.         |                   |       |            |          |
| 21.       22.       23.       24.       25.       25.       26.       27.       28.       29.       29.       29.       20.       24.       25.       26.       27.       2      | 19.         |                   |       |            |          |
| 22.       23.       24.       25.       25.       26.       27.       27.       28.       29.       29.       20.       2      | 20.         | •                 |       |            |          |
| 23.       24.       25.       26.       27.       28.       29.       27.       29.       29.       20.       2      | 21.         |                   |       |            |          |
| 23.       24.       25.       25.       26.       27.       28.       29.       29.       29.       20.       2      | 22.         |                   |       |            |          |
| 24.       25.       26.       27.       28.       29.       29.       20.       2      | 23.         |                   |       |            | <u> </u> |
| 25.       26.       27.       28       29.   | 24.         |                   |       |            | -        |
| 26.       27.       28.       29.       29.       20.       2      | 25.         |                   |       |            |          |
| 27.       28       29.   |             |                   |       |            |          |
| 28       29.   |             |                   |       |            |          |
| 29.  |             |                   |       |            |          |
| 30.  | 29.         |                   |       |            |          |
|  | 30.         |                   |       |            |          |

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### 8C SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

| Lab Name:     | FRIEND L   | ABORATORY, INC. | Contract: |                  |         |
|---------------|------------|-----------------|-----------|------------------|---------|
| Lab Code:     | 10252      | Case No.:       | SAS No.:  | SDG No.          | : PANAM |
| Lab File ID ( | Standard): | B3691.D         |           | Date Analyzed: 0 | 1/21/02 |
| Instrument II | D: MSD-B   |                 |           | Time Analyzed: 1 | 4:34    |

|    |                      | IS4(PHN) |       | IS5(CRY) |       | IS6(PRY) |       |
|----|----------------------|----------|-------|----------|-------|----------|-------|
|    |                      | AREA #   | RT #  | AREA #   | RT #  | 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<br>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 |
| 80 | 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.

FORM VIII-CLP-SV-2

page 2 of 2

<sup>\*</sup> Values outside of contract required QC limits

### 8C SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

| Lab Name:     | FRIEND L   | ABORATORY, INC | . Contract: |                | _         |   |
|---------------|------------|----------------|-------------|----------------|-----------|---|
| Lab Code:     | 10252      | Case No.:      | SAS No.:    | SDG No         | o.: PANAM | _ |
| Lab File ID ( | Standard): | B3717.D        |             | Date Analyzed: | 01/23/02  |   |
| nstrument I   | D: MSD-B   |                |             | Time Analyzed: | 11:31     |   |

|    |                      | IS4(PHN)<br>AREA # | RT #  | IS5(CRY)<br>AREA # | RT #  | IS6(PRY)<br>AREA # | RT #  |
|----|----------------------|--------------------|-------|--------------------|-------|--------------------|-------|
|    | 12 HOUR STD          | 2039810            | 23.87 | 1579400            | 32.14 | 1145101            | 36.26 |
| i  | UPPER LIMIT          | 4079620            | 24.37 | 3158800            | 32.64 | 2290202            | 36.76 |
|    | LOWER LIMIT          | 1019905            | 23.37 | 789700             | 31.64 | 572551             | 35.76 |
|    | NYSDEC<br>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.

<sup>\*</sup> Values outside of contract required QC limits

### NYSDEC - ASP CRDL STANDARD FOR AA AND ICP

| r.ah | Mama.     | FRIFND   | LABORATORY, | TNC   | Contract: |  |
|------|-----------|----------|-------------|-------|-----------|--|
| 145  | TAGILLE . | LICILIAN |             | T110. |           |  |

AA CRDL Standard Source: BAKER\_\_\_\_\_

ICP CRDL Standard Source: IV\_\_CRA\_1-3\_\_

Concentration Units: ug/L

|            | CRDL St | andard fo | r AA     | CRDL Standard for ICP<br>Initial Final |        |         |        |          |  |  |  |  |  |
|------------|---------|-----------|----------|--|--------|---------|--------|----------|--|--|--|--|--|
| Analyte    | True    | Found     | %R       | True                                   | Found  | %R      | 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                                   |        | 100.0_  |        | 100.0    |  |  |  |  |  |
| Cadmium    |         |           |          | 10.0                                   | 12.00_ | [120.0] | 7.80   | <u> </u> |  |  |  |  |  |
| Calcium    |         |           |          |  |        |         |        |          |  |  |  |  |  |
| _Chromium_ |         |           |          | 20.0                                   | 19.00_ | 95.0_   | 19.60  |          |  |  |  |  |  |
| Cobalt     |         |           |          | 100.0_                                 | 103.80 |         | 101.90 |          |  |  |  |  |  |
| _Copper    |         |           |          | 50.0                                   | 51.10_ | 102.2_  | 49.40  | _98.8_   |  |  |  |  |  |
| Iron       |         |           |          |  |        |         |        |          |  |  |  |  |  |
| Lead       | _3.0    | 3.40_     | <u> </u> |  |        |         |        |          |  |  |  |  |  |
| 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 T | 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 SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

| Lab | Name: | FRIEND_ | _LABORATORY,_INC | Contract: | MW-02   | S       | -  |
|-----|-------|---------|------------------|-----------|---------|---------|----|
| Lab | Code: | 10252_  | Case No.:        | SAS No.:  | SDG No. | :TRINIC | AD |

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<br>Limit<br>%R | Spiked Sample<br>Result (SSR) C |            | ample<br>sult | e<br>(SR) | С | Spike<br>Added (SA) | 8R   |     | Q | М  |
|------------|------------------------|---------------------------------|------------|---------------|-----------|---|---------------------|------|-----|---|----|
| _Aluminum_ |                        | 112461.9000                     | 1(         | 2074          | .9000     |   | 2000.00             | 519  | 9.4 |   | Р  |
| _Antimony_ | 75-125_                | 304.8000                        |            | 29            | .0000     | U | 500.00              |      | 1.0 |   | 5P |
| _Arsenic   | _75-125_               | 75.8500                         |            | 34            | .8750     | T | 40.00               |      | 2.4 |   | F  |
| _Barium    | _75-125_               | 2530.8000                       |            | 691           | .6000     |   | 2000.00             |      | 2.0 |   | Р  |
| Beryllium  |                        | 51.2000                         |            |               | .2000     |   | 50.00               | 92   | 2.0 |   | P  |
| _Cadmium   | _75-125_               | 53.6000                         |            | 6             | .0000     |   | 50.00               |      | 5.2 |   | Р  |
| _Calcium   |                        |                                 |            |               |           |   |                     |      |     |   | NR |
| _Chromium_ | _75-125_               | 322.7000                        |            | 141           | .8000     |   | 200.00              | 9(   | 0.4 |   | P  |
| _Cobalt    | _75-125_               | 502.1000                        |            | 41            | .0000     | В | 500.00              | 92   | 2.2 |   | P  |
| _Copper    |                        | 1951.3000                       |            | 1777          | .7000     | T | 250.00              | 69   | 9.4 |   | P  |
|            |                        | 118393.0000                     | 12         | 1582          | .9000     |   | 1000.00             | -319 | 9.0 |   | P  |
| Lead       |                        | 329.6000                        |            | 315           | .2000     |   | 20.00               | 72   | 2.0 |   | F  |
| Magnesium  |                        |                                 |            |               |           |   |                     |      |     |   | NR |
| Manganese  |                        | 2955.0000                       |            | 2588          | .7000     |   | 500.00              | 73   | 3.3 |   | P  |
|            | 75-125                 | 1.7260                          |            | 0             | .7100     |   | 1.00                | 101  | . 6 |   | CV |
| _Nickel    | _75 <b>-</b> 125       | 622.3000_                       |            | 185           | .8000     |   | 500.00              |      | 1.3 |   | P  |
| Potassium  |                        |                                 |            |               | _         |   |                     |      | Ţ   |   | NR |
| _Selenium_ | 75-125                 | 9.8300                          |            | 3             | .0000     | U | 10.00               | 98   | 1.3 |   | F  |
| Silver     | 75-125                 | 47.9000                         |            | 7             | .4000     | В | 50.00               | 81   | . 0 |   | P  |
| Sodium     |                        |                                 |            |               | _         |   |                     |      | 1   |   | NR |
| Thallium_  | 75-125                 | 51.3800                         |            | 3             | .0000     | U | 50.00               | 102  | .8  |   | F  |
| Vanadium_  | 75-125                 | 654.1000                        |            |               | .5000     |   | 500.00              |      | .9  |   | P  |
| Zinc       | 75-125                 | 1315.3000                       |            |               | 4000      |   | 500.00              |      | .0  |   | P  |
| Cyanide    | 75-125                 | 86.7000                         |            |               | .1000_    | В | 87.50               |      | .1  | _ | AS |
|            |                        |                                 | ļ <u>.</u> |               |           |   |                     |      |     |   |    |

| Con | ments: |      |      |  |
|-----|--------|------|------|--|
|     |        | <br> | <br> |  |
|     |        | -    |      |  |
|     |        |      | <br> |  |

MW-02 D

| Lab | Name: | FRIEND | LABORATORY,    | INC.  |
|-----|-------|--------|----------------|-------|
|     |       |        | m m Oldli Olti | T110. |

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<br>Limit | Sample (S)   | С             | Duplicate (D) | С       | RPD   | Q          | М   |
|------------|------------------|--------------|---------------|---------------|---------|-------|------------|-----|
| _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_  |
| LBarium    | 200.0            | 691.6000_    |               | 656.9000      |         | 5.1   |            | P_  |
| Beryllium  |                  | 5.2000_      | $\perp \perp$ | 4.9000        | ⊥B↓     | 5.9   |            | _P  |
| .Cadmium   | 5.0              | 6.0000       | $\perp$       | 12.4000       |         | 69.6  | <u></u> *_ | _P  |
| _Calcium   |                  | 200367.1000_ |               | 194809.7000   | $\perp$ | 2.8   |            | P_  |
| _Chromium_ |                  | 141.8000     |               | 128.0000      | $\perp$ | 10.2  |            | _P  |
| Cobalt     |                  | 41.0000      | _B_           | 41.4000       | _B_     | 1.0   | <u> </u>   | P_  |
| Copper     |                  | 1777.7000    |               | 1708.5000     | $\perp$ | 4.0   | _          | _P  |
| Iron       |                  | 121582.9000  | $\perp$       | 111800.0000_  |         | 8.4   | ļ          | _P  |
| Lead       | 60.0             | 315.2000     | 11            | 293.0000      | $\perp$ | 7.3   |            | _F_ |
| Magnesium  |                  | 57767.8000_  | $\perp \perp$ | 54985.2000    | $\perp$ | 4.9   | ļ          | _P  |
| Manganese  |                  | 2588.7000    | 44            | 2489.9000     | $\perp$ | 3.9   |            | _P  |
| Mercury    | 0.2              | 0.7100_      | 1             | 0.7890        | 1       | 10.5  | _          | _CV |
| Nickel     | 40.0             | 185.8000_    | 11            | 163.0000      | 1       | 13.1  |            | _P  |
| Potassium  | 5000.0           | 12469.0000   |               | 10321.7000    | Ш       | 18.8  |            | _P  |
| Selenium_  |                  | 3.0000       | _U_           | 3.0000        | _U_     |       |            | _F  |
| Silver     |                  | 7.4000       | B             | 6.0000        | Tul     | 200.0 |            | _P  |
| Sodium     | 5000.0           | 7618.5000    |               | 7270.2000     | $\perp$ | 4.7   |            | _P  |
| _Thallium_ |                  | 3.0000       | _U_           | 3.0000        | ŢŪĹ     |       |            | _F  |
| _Vanadium_ | 50.0             | 179.5000     |               | 159.5000      | $\bot$  | 11.8  | 1          | _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:\_\_\_\_

SDG No.: TRINIDAD

Instrument ID Number: VARIAN\_8\_IDL\_\_\_ Method:F\_

Start Date: 01/18/02 End Date:01/18/02

|               |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         | Aı     | na.     | lу      | te      | s       |              |         |          |         |         |         |   |   |   |          |
|---------------|------|--------|--------|---------|---------|---------|----|---|----|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|--------------|---------|----------|---------|---------|---------|---|---|---|----------|
| Sample<br>No. | D/F  | Time   | % R    | A<br>L  | SB      | A E     | BE | C | CA | CR      | CO      | C       | E       | P<br>B  | M<br>G  | M<br>N  | H       | N<br>I | K       | SE      | A<br>G  | N<br>A  | T            | V       | Z<br>N   | Си      |         |         |   |   |   |          |
| ZZZZZZ        | 1.00 | 1440_  |        |         | 1       |         |    | İ |    |         |         |         |         |         |         |         |         |        |         |         | 1       |         |              |         |          |         | 1       | $\perp$ |   |   |   |          |
| ZZZZZZ        |      | 1447_  |        |         | $\perp$ | $\perp$ |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         | $\perp$ |   |   |   |          |
| _ZZZZZZ       |      | 1454_  |        |         | 1       |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         |         | L |   |   |          |
| ZZZZZZ        | 1.00 | _1501_ |        |         | $\perp$ | $\perp$ |    |   |    |         |         | _       |         |         |         |         | $\perp$ |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| ZZZZZZ        |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| ZZZZZZ        |      | _1515_ |        |         |         |         | L  |   |    |         |         |         |         | 1       |         |         |         |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| ZZZZZZ        |      | 1522   |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| 222222        |      | 1529   |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| ZZZZZZ        |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         | I      |         |         |         |         |              |         |          |         |         | Ι       |   |   |   |          |
| 22222         |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        | $\prod$ |         |         |         |              |         |          |         |         |         |   |   |   |          |
| S0            |      |        |        |         |         |         |    |   |    |         | $\int$  |         |         |         |         |         |         |        |         |         |         | I       | х            |         |          |         |         |         |   |   |   |          |
| S             |      | 1557_  |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         | $\int$ |         |         |         |         | x            |         |          |         |         |         |   |   |   | Ш        |
| 5             | 1.00 |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        | $\perp$ | $\prod$ |         | I       | x            |         |          |         |         |         |   |   |   | $\sqcup$ |
| S             | 1.00 |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         | Х            |         |          |         |         |         |   |   |   |          |
| S             | 1.00 | _      |        |         |         |         |    |   |    |         | $\prod$ |         |         |         |         |         |         |        |         |         |         | I       | x            |         |          |         |         |         |   |   |   |          |
| S             | 1.00 | 1625   |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         | X            |         |          |         |         |         |   |   |   |          |
| ICV           | 1.00 | 1633   |        |         | $\perp$ | 1       |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         | $\perp$ | χĹ           |         |          |         |         |         |   |   |   |          |
| ICB           |      |        |        |         | $\perp$ | $\perp$ | L  |   |    | $\perp$ |         |         |         |         |         | $\perp$ |         |        |         |         |         | 1       | χ            |         |          |         |         |         |   |   |   |          |
| MW-02 D       | 1.00 | 1647_  |        |         |         |         |    |   |    |         |         | $\perp$ |         |         |         |         |         |        | $\perp$ |         |         | _       | x            |         |          |         |         |         |   |   |   |          |
| MW-02_DA      | 1.00 | 1654   | 105.3_ | _       | $\perp$ | $\perp$ | L  | Ш |    | _       | _       | 1       |         | 1       | $\perp$ | 1       |         | 1      |         |         | $\perp$ | 1       | χļ           |         |          | $\perp$ | $\perp$ |         |   |   |   |          |
| CCV1          |      |        |        |         | $\perp$ |         | L  |   |    |         | 1       |         | ┙       | 1       | 1       |         |         | 1      |         |         | $\perp$ | _       | χ            |         |          |         | $\perp$ | $\perp$ | L | Ц | _ | _        |
| CCB1          |      | 1708_  |        | $\perp$ |         |         |    |   |    |         | 1       |         |         |         |         |         |         |        |         |         |         | 1       | x            |         |          |         |         |         |   |   |   |          |
| MW-03         |      | 1715   |        |         |         |         | L  |   |    |         |         |         | $\perp$ | $\perp$ |         |         |         |        |         |         |         | 1       | χĹ           | $\perp$ |          |         |         | $\perp$ | L |   |   |          |
| MW-03A        |      |        | 92.8   |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         | I       | $\mathbf{x}$ |         |          |         |         |         |   |   |   |          |
| MW-04         |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         | x            |         |          |         |         |         |   |   |   |          |
| MW-04A        |      |        | 84.5   | 1       | T       |         |    |   |    |         |         |         |         |         |         | T       | T       | Ţ      | T       |         | T       | T.      | χĪ           |         |          |         | Ţ       | Т       |   |   |   |          |
| ZZZZZZ        |      |        |        |         | I       |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         | T       |              |         |          |         |         |         |   |   |   |          |
| ZZZZZZ        |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         |         |         |         |              |         |          |         |         |         |   |   |   |          |
| CCV2          |      |        |        |         |         |         |    |   |    |         |         |         |         |         |         |         |         |        |         | T       |         | 1       | x            |         |          |         |         |         |   |   |   |          |
| CCB2          |      |        |        |         |         |         |    |   |    |         |         | T       |         |         |         | 1       |         |        |         |         |         | $\neg$  | ×            |         |          |         |         |         |   |   |   |          |
|               | 1.00 | -333   |        |         |         |         | Г  |   |    | $\top$  |         | 1       |         | T       | T       |         | T       | 1      | 1       | T       | 1       | 7       | 1            |         | 1        |         |         |         |   |   |   |          |
|               |      |        |        |         |         |         |    | П | 1  | 7       | 1       |         | $\top$  |         | Ť       | 1       | T       | 1      | $\top$  | Ť       | T       | Ť       | 1            | 1       | 1        |         | 1       | 1       |   |   | 1 | $\top$   |
|               |      |        |        |         | +       |         |    |   | 1  | _       |         | _       | 1       | +       | +       | $\top$  | +       | +      | +       | +       | +       | +       | +            | +       | $\dashv$ | -       | _       | 1       |   |   |   | 1        |

FORM XIV - IN

### 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

### TABLE OF CONTENTS

|        |          |  | Page No |
|--------|----------|--|---------|
| I.     | INTRO    | ODUCTION   | 1       |
| П.     | ANAI     | YTICAL METHODOLOGIES   | 1       |
| III.   | DATA     | DELIVERABLE COMPLETENESS   | 2       |
| IV.    | PRESI    | ERVATION/HOLDING TIMES   | . 2     |
| V.     | QUAL     | LITY CONTROL (QC) DATA   | . 2     |
|        | A.       | QC Blanks  | . 2     |
|        | B.       | Instrument Tuning Criteria   | . 2     |
|        | C.       | Initial and Continuing Calibrations                                | . 3     |
|        | D.       | CRDL Standard Recoveries   | . 3     |
|        | E.       | Surrogate/Internal Standard Recoveries                             | . 3     |
|        | F.       | Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blanks/Laboratory |         |
|        |          | Control Samples  | . 3     |
|        | G.       | Matrix Duplicate   | . 4     |
|        | H.       | Serial Dilutions   | . 4     |
| VI.    | SAMP     | LE RESULTS   | . 4     |
|        | A.       | Raw Data vs. Reporting Forms                                       | . 4     |
|        | B.       | Quantitation Limits  | . 5     |
|        | C.       | Sample Matrix  | . 5     |
|        | D.       | Chromatography   | . 5     |
|        | E.       | PCB Identification   | . 5     |
| VII.   | SUMM     | 1ARY   | . 6     |
|        |          | TABLES (following text)  |         |
| Table  | 1        | Sample and Analysis Summary  |         |
|        |          | ATTACHMENTS  |         |
| Attach | ment A - | - Laboratory Form Is   |         |
| Attach | ment 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. <u>Instrument Tuning Criteria</u>

All NYSDEC ASP instrument tuning criteria were met for the VOC and SVOC analyses.

### C. <u>Initial and Continuing Calibrations</u>

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 +/-2xCRDL]. 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. <u>Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blanks/Laboratory Control Samples</u>

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 | Sample Date TCL VOCs (Method 8260) 1 | TCL SVOCs TCL PCBS (Method 8270) <sup>1</sup> (Method 8082) <sup>1</sup> |   | TAL METALS<br>(ILMO4.0) <sup>2</sup> | CYANIDE<br>(Method 9012) <sup>1</sup> | Comments |
|--------------|-------------|--------------------------------------|--|---|--------------------------------------|---------------------------------------|----------|
| SOIL SAMPLES |             |                                      |  |   |                                      |                                       |          |
| TP5-1        | 11/25/02    | ×                                    | ×  | × | ×                                    | ×                                     |          |
| TP5-2        | 11/25/02    | ×                                    | ×  | × | ×                                    | ×                                     | 1        |
| TP5-3        | 11/25/02    | ×                                    | ×  | × | ×                                    | ×                                     | MS/MSD   |

<sup>1 -</sup> Method referenced in New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), June 2000.

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

<sup>&</sup>lt;sup>2</sup> - USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis Multi-Media Multi-Concentration

#### ATTACHMENT A

#### LABORATORY FORM Is

EPA SAMPLE NO.

TP5-1

b Name: AES, Inc. Contract:

Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

M-trix: (soil/water) SOIL Lab Sample ID: TP5-1 S mple wt/vol: 5.000 (g/mL) GLab File ID: D0982

Level: (low/med) LOW Date Received: 11/26/02 % Moisture: not dec. 16. Date Analyzed: 12/05/02 Dilution Factor: 1.0

G Column: RTX502.2 ID: .32 (mm)
S.il Extract Volume: \_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_ (uL)

CONCENTRATION UNITS:

|         |          | 001.022.222.201.      |   |
|---------|----------|-----------------------|---|
| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |

| 74-87-3Chloromethane                | 12. | Ū  |
|-------------------------------------|-----|----|
| 74-83-9Bromomethane                 | 12. | U  |
| 75-01-4Vinyl Chloride               | 12. | U  |
| 75-00-3Chloroethane                 | 12. | Ū  |
| 75-00-3Methylene Chloride           |     | O  |
| •                                   | 11. | ** |
| 67-64-1Acetone                      | 12. | U  |
|                                     | 6.  | U  |
| 75-35-41,1-Dichloroethene           | 6.  | Ū  |
| 75-34-31,1-Dichloroethane           | 6.  | U  |
| 156-60-51,2-Dichloroethene-trans    | 6.  | U  |
| 67-66-3Chloroform                   | 6.  | Ŭ  |
| 107-06-21,2-Dichloroethane          | 6.  | U  |
| 78-93-32-Butanone                   | 12. | U  |
| 71-55-61,1,1-Trichloroethane        | 6.  | U  |
| 56-23-5Carbon Tetrachloride         | 6.  | Ū  |
| 75-27-4Bromodichloromethane         | 6.  | U  |
| 78-87-51,2-Dichloropropane          | 6.  | U  |
| 10061-01-5cis-1,3-Dichloropropene   | 6.  | U  |
| 79-01-6Trichloroethene              | 6.  | U  |
| 124-48-1Dibromochloromethane        | 6.  | U  |
| 79-00-51,1,2-Trichloroethane        | 6.  | U  |
| 71-43-2Benzene                      | 6.  | U  |
| 10061-02-6trans-1,3-Dichloropropene | 6.  | U  |
| 75-25-2Bromoform                    | 6.  | Ū  |
| 108-10-14-Methyl-2-Pentanone        | 12. | Ū  |
| 591-78-62-Hexanone                  | 12. | Ū  |
| 127-18-4Tetrachloroethene           | 6.  | Ū  |
| 79-34-51,1,2,2-Tetrachloroethane    | 6.  | Ū  |
| 108-88-3Toluene                     | 6.  | Ū  |
| 108-90-7Chlorobenzene               | 6.  | U  |
| 100-41-4Ethylbenzene                | 6.  | ū  |
|                                     | 6.  | Ū  |
| 100-42-5Styrene                     | (   | _  |
| 156-59-21,2-Dichloroethene-cis      | 6.  | Ü  |
| 106-42-3m, p-Xylenes                | 6.  | Ü  |
| 95-47-6o-Xylene                     | 6.  | Ū  |
|                                     |     |    |

EPA SAMPLE NO.

TP5-2 Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: PAE0206 SAS No.:

SDG No.: TP5-1 M. trix: (soil/water) SOIL Lab Sample ID: TP5-2

Lab File ID: D0989 Sample wt/vol: 5.000 (g/mL) G

Level: (low/med) LOW Date Received: 11/26/02 % foisture: not dec. 12. Date Analyzed: 12/06/02 Dilution Factor: 1.0

GC Column: RTX502.2 ID: .32 (mm)
Soil Extract Volume: \_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_ (uL)

CONCENTRATION UNITS:

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

| 10061-02-6trans-1,3-Dichloropropene   |            |                            |     |       |                                       |
|---|------------|----------------------------|-----|-------|---------------------------------------|
| 74-83-9Bromomethane       11. B         75-01-4Vinyl Chloride       11. B         75-00-3Chloroethane       11. B         75-09-2Methylene Chloride       6. B         67-64-1Acetone       11. B         75-15-0Carbon Disulfide       6. B         75-35-41,1-Dichloroethene       6. B         75-34-31,1-Dichloroethane       6. B         156-60-51,2-Dichloroethane       6. B         67-66-3Chloroform       6. B         107-06-21,2-Dichloroethane       6. B         78-93-32-Butanone       11. B         71-55-61,1,1-Trichloroethane       6. B         75-27-4Bromodichloromethane       6. B         78-87-51,2-Dichloropropane       6. B         10061-01-5cis-1,3-Dichloropropene       6. B         79-01-6Trichloroethane       6. B         79-00-51,1,2-Trichloroethane       6. B         71-43-2Benzene       6. B         10061-02-6trans-1,3-Dichloropropene       6. B         108-10-14-Methyl-2-Pentanone       11. B | 74-97-3    | Chloromethane              | 11  | 127   | 5                                     |
| 75-01-4Vinyl Chloride   | 74-07-3    | -Bromometháno              |     |       | }                                     |
| 75-00-3Chloroethane   | 75 01 4    | Vinyl Chlorido             |     | TE    |                                       |
| 67-64-1Acetone       11. Jr         75-15-0Carbon Disulfide       6. Jr         75-35-41,1-Dichloroethene       6. Jr         75-34-31,1-Dichloroethane       6. Jr         156-60-51,2-Dichloroethene-trans       6. Jr         67-66-3Chloroform       6. Jr         107-06-21,2-Dichloroethane       6. Jr         78-93-32-Butanone       11. Jr         71-55-61,1,1-Trichloroethane       6. Jr         75-27-4Bromodichloromethane       6. Jr         78-87-51,2-Dichloropropane       6. Jr         10061-01-5cis-1,3-Dichloropropene       6. Jr         79-01-6Trichloroethene       6. Jr         124-48-1Dibromochloromethane       6. Jr         79-00-51,1,2-Trichloroethane       6. Jr         71-43-2Benzene       6. Jr         10061-02-6trans-1,3-Dichloropropene       6. Jr         108-10-14-Methyl-2-Pentanone       11. Jr  | 75 00 3    | Chloroothano               |     |       |                                       |
| 67-64-1Acetone       11. Jr         75-15-0Carbon Disulfide       6. Jr         75-35-41,1-Dichloroethene       6. Jr         75-34-31,1-Dichloroethane       6. Jr         156-60-51,2-Dichloroethene-trans       6. Jr         67-66-3Chloroform       6. Jr         107-06-21,2-Dichloroethane       6. Jr         78-93-32-Butanone       11. Jr         71-55-61,1,1-Trichloroethane       6. Jr         75-27-4Bromodichloromethane       6. Jr         78-87-51,2-Dichloropropane       6. Jr         10061-01-5cis-1,3-Dichloropropene       6. Jr         79-01-6Trichloroethene       6. Jr         124-48-1Dibromochloromethane       6. Jr         79-00-51,1,2-Trichloroethane       6. Jr         71-43-2Benzene       6. Jr         10061-02-6trans-1,3-Dichloropropene       6. Jr         108-10-14-Methyl-2-Pentanone       11. Jr  | 75-00-3    | Motherlane Chlorida        |     | مرا   |                                       |
| 75-35-41,1-Dichloroethene 6. U 75-34-31,1-Dichloroethane 6. U 156-60-51,2-Dichloroethene-trans 6. U 67-66-3Chloroform 6. U 107-06-21,2-Dichloroethane 6. U 78-93-32-Butanone 11. U 71-55-61,1,1-Trichloroethane 6. U 56-23-5Carbon Tetrachloride 6. U 75-27-4Bromodichloromethane 6. U 78-87-51,2-Dichloropropane 6. U 10061-01-5cis-1,3-Dichloropropene 6. U 124-48-1Dibromochloromethane 6. U 79-00-51,1,2-Trichloroethane 6. U 71-43-2Benzene 6. U 108-10-1  | 75-09-2    | -Methylene Chioride        | 7.  |       |                                       |
| 75-35-41,1-Dichloroethene   | 6/-64-1    | -Acetone                   | 11. |       |                                       |
| 75-34-31,1-Dichloroethane       6.         156-60-51,2-Dichloroethene-trans       6.         67-66-3Chloroform       6.         107-06-21,2-Dichloroethane       6.         78-93-32-Butanone       11.         71-55-61,1,1-Trichloroethane       6.         56-23-5Carbon Tetrachloride       6.         75-27-4Bromodichloromethane       6.         78-87-51,2-Dichloropropane       6.         10061-01-5cis-1,3-Dichloropropene       6.         79-01-6Trichloroethene       6.         124-48-1Dibromochloromethane       6.         79-00-51,1,2-Trichloroethane       6.         71-43-2Benzene       6.         10061-02-6trans-1,3-Dichloropropene       6.         108-10-14-Methyl-2-Pentanone       11.  | 75-15-0    | -Carbon Disulfide          | 6.  | -     |                                       |
| 156-60-51,2-Dichloroethene-trans 6.   | /5-35-4    | -1,1-Dichioroethene        |     | -     |                                       |
| 67-66-3Chloroform       6. JF         107-06-21, 2-Dichloroethane       6. JF         78-93-32Butanone       11. JF         71-55-61, 1, 1-Trichloroethane       6. JF         56-23-5Carbon Tetrachloride       6. JF         75-27-4Bromodichloromethane       6. JF         78-87-51, 2-Dichloropropane       6. JF         10061-01-5cis-1, 3-Dichloropropene       6. JF         79-01-6Trichloroethane       6. JF         124-48-1Dibromochloromethane       6. JF         79-00-51, 1, 2-Trichloroethane       6. JF         71-43-2Benzene       6. JF         10061-02-6trans-1, 3-Dichloropropene       6. JF         75-25-2Bromoform       6. JF         108-10-14-Methyl-2-Pentanone       11. JF   | 75-34-3    | -1,1-Dichloroethane        |     | 1     |                                       |
| 78-93-32-Butanone       11.         71-55-61,1,1-Trichloroethane       6.         56-23-5Carbon Tetrachloride       6.         75-27-4Bromodichloromethane       6.         78-87-51,2-Dichloropropane       6.         10061-01-5cis-1,3-Dichloropropene       6.         79-01-6Trichloroethene       6.         124-48-1Dibromochloromethane       6.         79-00-51,1,2-Trichloroethane       6.         71-43-2Benzene       6.         10061-02-6trans-1,3-Dichloropropene       6.         75-25-2Bromoform       6.         108-10-14-Methyl-2-Pentanone       11.  | 156-60-5   | -1,2-Dichloroethene-trans  |     |       |                                       |
| 78-93-32-Butanone       11.         71-55-61,1,1-Trichloroethane       6.         56-23-5Carbon Tetrachloride       6.         75-27-4Bromodichloromethane       6.         78-87-51,2-Dichloropropane       6.         10061-01-5cis-1,3-Dichloropropene       6.         79-01-6Trichloroethene       6.         124-48-1Dibromochloromethane       6.         79-00-51,1,2-Trichloroethane       6.         71-43-2Benzene       6.         10061-02-6trans-1,3-Dichloropropene       6.         75-25-2Bromoform       6.         108-10-14-Methyl-2-Pentanone       11.  | 67-66-3    | -Chloroform                | 6.  |       |                                       |
| 56-23-5Carbon Tetrachloride       6.         75-27-4Bromodichloromethane       6.         78-87-51,2-Dichloropropane       6.         10061-01-5cis-1,3-Dichloropropene       6.         79-01-6Trichloroethene       6.         124-48-1Dibromochloromethane       6.         79-00-51,1,2-Trichloroethane       6.         71-43-2Benzene       6.         10061-02-6trans-1,3-Dichloropropene       6.         75-25-2Bromoform       6.         108-10-14-Methyl-2-Pentanone       11.  | 107-06-2   | -1,2-Dichloroethane        | 6.  | 1 -   |                                       |
| 56-23-5Carbon Tetrachloride       6.         75-27-4Bromodichloromethane       6.         78-87-51,2-Dichloropropane       6.         10061-01-5cis-1,3-Dichloropropene       6.         79-01-6Trichloroethene       6.         124-48-1Dibromochloromethane       6.         79-00-51,1,2-Trichloroethane       6.         71-43-2Benzene       6.         10061-02-6trans-1,3-Dichloropropene       6.         75-25-2Bromoform       6.         108-10-14-Methyl-2-Pentanone       11.  | 78-93-3    | -2-Butanone                | 11. | 1 .   |                                       |
| 75-27-4Bromodichloromethane 6.  | 71-55-6    | -1,1,1-Trichloroethane     | 6.  | 1*    |                                       |
| 78-87-51,2-Dichloropropane  | 56-23-5    | -Carbon Tetrachloride      | 6.  |       |                                       |
| 10061-01-5cis-1,3-Dichloropropene   | 75-27-4    | -Bromodichloromethane      | 6.  | 13    |                                       |
| 10061-01-5cis-1,3-Dichloropropene   | 78-87-5    | -1,2-Dichloropropane       | 6.  |       |                                       |
| 79-01-6Trichloroethene  | .0061-01-5 | -cis-1,3-Dichloropropene ( | 6.  | 75    |                                       |
| 124-48-1Dibromochloromethane  | 79-01-6    | -Trichloroethene           | 6.  |       |                                       |
| 79-00-51,1,2-Trichloroethane 6. U   | 124-48-1   | -Dibromochloromethane      | 6.  | متحتر |                                       |
| 71-43-2Benzene  | 79-00-5    | -1,1,2-Trichloroethane     | 6.  | Ø     | 1                                     |
| 10061-02-6trans-1,3-Dichloropropene 6. U 5-25-2Bromoform 6. U 5-25-24-Methyl-2-Pentanone 11. U 5-25-2   | 71-43-2    | -Benzene                   | 6.  | V     | U.Z                                   |
| 75-25-2Bromoform 6. U   | .0061-02-6 | -trans-1,3-Dichloropropene | 6.  | ستله  | 1                                     |
| 108-10-14-Methyl-2-Pentanone 11.  | 75-25-2    | -Bromoform                 | 6.  |       |                                       |
|   | 108-10-1   | -4-Methyl-2-Pentanone      | 11. | J.J.  |                                       |
| 591-78-62-Hexanone 11. H  | 591-78-6   | -2-Hexanone                | 11. | II II |                                       |
| 591-78-62-Hexanone  | 127-18-4   | -Tetrachloroethene         | 6.  | II.   |                                       |
| 591-78-62-Hexanone 11. U  127-18-4Tetrachloroethene 6. U  79-34-51,1,2,2-Tetrachloroethane 6. U  108-88-3Toluene 6. U   | 79-34-5    | -1 1 2 2-Tetrachloroethane |     | TI    |                                       |
| 108-88-3Toluene   |            |                            |     | 177   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| 108-90-7Chlorobenzene 6.  | 108-90-7   | -Chlorobenzene             |     | 17    | -                                     |
| 100-41-4Ethylbenzene 6.   | 100-41-4   | -Fthylhenzene              |     | 12    | 57                                    |
| 108-90-7Chlorobenzene   | 100-41-4-3 | - Cturene                  | 6   | TI    |                                       |
| 156-59-21,2-Dichloroethene-cis6.  | 156 50 2   | 1 2 Dighleroothere gig     | o . | IT.   | 02                                    |
| 156-59-2  | 106 42 3   | -1, 2-Dichioroethene-cis   |     | ستا   | 00                                    |
| 106-42-3  | 106-42-3   | -m, p-Ayrenes              |     | TTA   | 75                                    |
| 95-47-6   | 95-47-6    | -o-xyrene                  | 6.  | 1     | 3                                     |

#### VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lub Name: AES, Inc. Contract:

Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

N.trix: (soil/water) SOIL Lab Sample ID: TP5-3 Simple wt/vol: 5.000 (g/mL) G Lab File ID: D0983

Level: (low/med) LOW Date Received: 11/26/02 Date Analyzed: 12/05/02 % Moisture: not dec. 13. C: Column: RTX502.2 ID: .32 (mm)
Soil Extract Volume: \_\_\_\_ (uL)

Dilution Factor: 1.0
Soil Aliquot Volume: \_\_\_\_ (uL)

#### CONCENTRATION UNITS:

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

| 74-87-3Chloromethane   | 11.<br>11.<br>11.<br>11.<br>6. | ם<br>מ<br>מ |
|--|--------------------------------|-------------|
| 67-64-1Acetone   | 11.<br>6.                      | ת<br>ת      |
| 75-35-41,1-Dichloroethene  | 6.<br>6.<br>6.                 | U<br>U      |
| 67-66-3Chloroform  | 6.<br>6.<br>11.                | U<br>U      |
| 71-55-61,1,1-Trichloroethane<br>56-23-5Carbon Tetrachloride<br>75-27-4Bromodichloromethane | 6.<br>6.                       | ם<br>ט      |
| 78-87-51,2-Dichloropropane<br>10061-01-5cis-1,3-Dichloropropene                            | 6.<br>6.                       | U<br>U      |
| 79-01-6Trichloroethene   | 6.<br>6.<br>6.                 | ם<br>ט      |
| 71-43-2Benzene   | 6.<br>6.                       | ם<br>ם      |
| 108-10-14-Methyl-2-Pentanone<br>591-78-62-Hexanone   | 11.<br>11.                     | U<br>U      |
| 127-18-4Tetrachloroethene  | 6.<br>6.<br>6.                 | ם<br>ט      |
| 108-90-7Chlorobenzene<br>100-41-4Ethylbenzene<br>100-42-5Styrene                           | 6.<br>6.                       | ת<br>ח      |
| 156-59-21,2-Dichloroethene-cis   | 6.<br>6.<br>6.                 | מש          |
|  |                                |             |

TP5-1 lab Name: AES, Inc. Contract: Lah Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1 fa rix: (soil/water) SOIL Lab Sample ID: TP5-1 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B4249 Date Received: 11/26/02 Level: (low/med) LOW oisture: 16. decanted: (Y/N) N Date Extracted: 11/27/02 Date Analyzed: 12/04/02 To centrated Extract Volume: 2000.0 (uL) Injection Volume: 2.0 (uL) Dilution Factor: 1.0 GPC Cleanup: (Y/N) N pH: 8.1

CONCENTRATION UNITS:

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

| 2000.            | i The      |
|------------------|------------|
| 2000.            | Iv 1       |
| 57.              | <b>1</b> J |
| ne 400.          | U          |
| 400.             | U          |
| henylether 400.  | ן ט        |
| 170.             | J          |
| 2000.            | U          |
| thylphenol 2000. | ا          |
| lamine 400.      | U          |
| enylether 400.   | U          |
| e 400.           | U          |
| 2000.            | U          |
| 320.             | J          |
| 110.             | J          |
| 400.             | U          |
| ate 400.         | U          |
|                  | J          |
| 75.              | J          |
| late400.         | U          |
| zidine 790.      | U          |
| ne 400.          | U          |
| 400.             | U          |
| ) phthalate 400. | U          |
| ate 400.         | U          |
| hene 400.        | U          |
| hene 400.        | U          |
| 400.             | U          |
| pyrene 400.      | U          |
| racene 400.      | U          |
| lene 400.        | ע ו        |

FORM I SV-2

3,403

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP5-1

ab Name: AES, Inc. Contract:

eh Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

= rix: (soil/water) SOIL Lab Sample ID: TP5-1 ample wt/vol: 30.0 (g/mL) G Lab File ID: B4249

evel: (low/med) LOW Date Received: 11/26/02 Coisture: 16. decanted: (Y/N) N Date Extracted: 11/27/02 contrated Extract Volume: 2000.0 (uL) Date Analyzed: 12/04/02 njection Volume: 2.0 (uL) Dilution Factor: 1.0

FC Cleanup: (Y/N) N pH: 8.1

CONCENTRATION UNITS:

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

| ì |                                     | i i   | , | į. |
|---|-------------------------------------|-------|---|----|
|   | 108-95-2Phenol                      | 400.  | U |    |
|   | 111-44-4bis(2-Chloroethyl)ether     | 400.  | U |    |
| 1 | 95-57-82-Chlorophenol               | 400.  | U |    |
| Ì | 541-73-11,3-Dichlorobenzene         | 400.  | U |    |
|   | 106-46-71,4-Dichlorobenzene         | 400.  | U |    |
|   | 95-50-11,2-Dichlorobenzene          | 400.  | U | ĺ  |
|   | 95-48-72-Methylphenol               | 400.  | U |    |
| Ì | 108-60-1bis(2-chloroisopropyl)ether | 400.  | U |    |
|   | 106-44-54-Methylphenol              | 400.  | U |    |
|   | 621-64-7n-Nitroso-di-n-propylamine  | 400.  | U |    |
|   | 67-72-1Hexachloroethane             | 400.  | U |    |
|   | 98-95-3Nitrobenzene                 | 400.  | U |    |
| - | 78-59-1Isophorone                   | 400.  | U |    |
|   | 88-75-52-Nitrophenol                | 400.  | U | ł  |
| l | 105-67-92,4-Dimethylphenol          | 400.  | U |    |
|   | 111-91-1bis(2-Chloroethoxy)methane  | 400.  | Ŭ |    |
|   | 120-83-22,4-Dichlorophenol          | 400.  | U |    |
|   | 120-82-11,2,4-Trichlorobenzene      | 400.  | U |    |
| 1 | 91-20-3Naphthalene                  | 400.  | U |    |
|   | 106-47-84-Chloroaniline             | 400.  | U |    |
| ١ | 87-68-3Hexachlorobutadiene          | 400.  | U |    |
|   | 59-50-74-Chloro-3-methylphenol      | 400.  | U |    |
|   | 91-57-62-Methylnaphthalene          | 400.  | U |    |
|   | 77-47-4Hexachlorocyclopentadiene    | 400.  | U |    |
|   | 88-06-22,4,6-Trichlorophenol        | 400.  | U |    |
|   | 95-95-42,4,5-Trichlorophenol        | 400.  | U |    |
|   | 91-58-72-Chloronaphthalene          | 400.  | U |    |
|   | 88-74-42-Nitroaniline               | 2000. | U |    |
|   | 131-11-3Dimethylphthalate           | 400.  | U |    |
|   | 208-96-8Acenaphthylene              | 400.  | U |    |
|   | 606-20-22,6-Dinitrotoluene          | 400.  | U |    |
|   | 99-09-23-Nitroaniline               | 2000. | U |    |
|   | 83-32-9Acenaphthene                 | 75.   | J |    |
|   |                                     | I .   |   | ı  |

Lab Name: AES, Inc.
Contract:

Contract:
SDG No.: TP5-1

In trix: (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

Aoisture: 12. decanted: (Y/N) N

Date Extracted: 11/27/02

Date Extracted: 11/27/02

Date Analyzed: 12/04/02

Dilution Factor: 1 0

3 Cleanup: (Y/N) N pH: 8.1

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

| CAD NO.  | COMPOUND (dg/H OF dg/       | / kg / 00 / kg | V |
|----------|-----------------------------|----------------|---|
| 108-95-2 | Phenol                      | 380.           | U |
|          | bis(2-Chloroethyl)ether     | 380.           | U |
|          | 2-Chlorophenol              | 380.           | U |
|          | 1,3-Dichlorobenzene         | 380.           | U |
|          | 1,4-Dichlorobenzene         | 380.           | U |
|          | 1,2-Dichlorobenzene         | 380.           | U |
|          | 2-Methylphenol              | 380.           | U |
|          | 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 |
|          | 2,4-Dimethylphenol          | 380.           | U |
|          | 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 |
|          | 2-Chloronaphthalene         | 380.           | U |
| 88-74-4  | 2-Nitroaniline              | 1900.          | U |
| 131-11-3 | Dimethylphthalate           | 380.           | U |
|          | Acenaphthylene              | 380.           | U |
|          | 2,6-Dinitrotoluene          | 380.           | U |
|          | 3-Nitroaniline              | 1900.          | U |
|          | Acenaphthene                | 380.           | U |
|          |                             |                | _ |

TP5-2 Lab Name: AES, Inc. Contract: Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

Ma .rix: (soil/water) SOIL Lab Sample ID: TP5-2

Sample wt/vol: 30.0 (g/mL) GLab File ID: B4245 Level: (low/med) LOW Date Received: 11/26/02 % Ioisture: 12. decanted: (Y/N) N Date Extracted: 11/27/02 Cc.centrated Extract Volume: 2000.0 (uL) Date Analyzed: 12/04/02 Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GF7 Cleanup: (Y/N) N pH: 8.1

> CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

| 51-28-52,4-Dinitrophenol            | 1900.  | J.    | Ĺ   |
|-------------------------------------|--------|-------|-----|
| 100-02-74-Nitrophenol               | 1900.  | سخترأ | ر   |
| 132-64-9Dibenzofuran                | 38.    | J     |     |
| 121-14-22,4-Dinitrotoluene          | 380.   | U     | İ   |
| 84-66-2Diethylphthalate             | 380.   | U     | Ì   |
| 7005-72-34-Chlorophenyl-phenylether | 380.   | U     | 1   |
| 86-73-7Fluorene                     | 110.   | J     |     |
| 100-01-64-Nitroaniline              | 1900.  | U     |     |
| 534-52-14,6-Dinitro-2-methylphenol  | 1900.  |       |     |
| 86-30-6n-Nitrosodiphenylamine       | 380.   | U     |     |
| 101-55-34-Bromophenyl-phenylether   | 380.   | U     |     |
| 118-74-1Hexachlorobenzene           | 380.   | U     | - 1 |
| 87-86-5Pentachlorophenol            | 1900.  | U     |     |
| 85-01-8Phenanthrene                 | 390.   |       |     |
| 120-12-7Anthracene                  | 130.   | J     |     |
| 86-74-8Carbazole                    | 380.   | U     |     |
| 84-74-2Di-n-butylphthalate          | 380.   | U     |     |
| 206-44-0Fluoranthene                | _ 380. | U     |     |
| 129-00-0Pyrene                      | 130.   | J     |     |
| 85-68-7Butylbenzylphthalate         | 380.   | U     |     |
| 91-94-13,3'-Dichlorobenzidine       | 760.   | U     |     |
| 56-55-3Benzo(a) anthracene          | 380.   | U     |     |
| 218-01-9Chrysene                    | 380.   | U     |     |
| 117-81-7bis(2-Ethylhexyl)phthalate  | 380.   | U     |     |
| 117-84-0Di-n-octylphthalate         | 380.   | U     |     |
| 205-99-2Benzo(b) fluoranthene       | 380.   | U     |     |
| 207-08-9Benzo(k) fluoranthene       | 380.   | U     |     |
| 50-32-8Benzo(a)pyrene               | 380.   | U     |     |
| 193-39-5Indeno (1, 2, 3-cd) pyrene  | 380.   | U     |     |
| 53-70-3Dibenzo(a,h)anthracene       | 380.   | U     |     |
| 191-24-2Benzo(g,h,i)perylene        | 380.   | U     |     |

(1) - Cannot be separated from diphenylamine

#### 1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP5-3

Lab Name: AES, Inc. Contract:

Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

! atrix: (soil/water) SOIL Lab Sample ID: TP5-3

Sample wt/vol: 30.0 (g/mL) GLab File ID: B4246 Level: (low/med) LOW Date Received: 11/26/02

Moisture: 13. decanted: (Y/N) N Date Extracted: 11/27/02 Oncentrated 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:

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

| 108-95-2Phenol                      | 380.           | U |
|-------------------------------------|----------------|---|
| 111-44-4bis(2-Chloroethyl)ether     | 380.           | U |
| 95-57-82-Chlorophenol               | 380.           | U |
| 541-73-11,3-Dichlorobenzene         | _              | U |
| 106-46-71,4-Dichlorobenzene         | 380.           | U |
| 95-50-11,2-Dichlorobenzene          | 380.           | U |
| 95-48-72-Methylphenol               | 380.           | U |
| 108-60-1bis(2-chloroisopropyl)ether |                | U |
| 106-44-54-Methylphenol              | 380.           | U |
| 621-64-7n-Nitroso-di-n-propylamine  | _              | U |
| 621-64-7                            | 380.           | U |
| 67-72-1Hexachloroethane             | 380.           | U |
| 98-95-3Nitrobenzene                 |                | U |
| 78-59-1Isophorone                   | 380.           | - |
| 88-75-52-Nitrophenol                | 380.           | U |
| 105-67-92,4-Dimethylphenol          | 380.           | U |
| 111-91-1bis(2-Chloroethoxy)methane_ | 380.           | U |
| 120-83-22,4-Dichlorophenol          | 380.           | U |
| 120-82-11,2,4-Trichlorobenzene      | _380.          | U |
| 91-20-3Naphthalene                  | 380.           | U |
| 106-47-84-Chloroaniline             | 380.           | U |
| 87-68-3Hexachlorobutadiene          | 380.           | U |
| 59-50-74-Chloro-3-methylphenol      | 380.           | U |
| 91-57-62-Methylnaphthalene          | 380.           | U |
| 77-47-4Hexachlorocyclopentadiene    | _              | U |
| 88-06-22,4,6-Trichlorophenol        | 380.           | U |
| 95-95-42,4,5-Trichlorophenol        | 380.           | U |
| 91-58-72-Chloronaphthalene          | 380.           | U |
| 88-74-42-Nitroaniline               | 1900.          | U |
|                                     | 380.           | Ū |
| 131-11-3Dimethylphthalate           | - 380.<br>380. | Ü |
| 208-96-8Acenaphthylene              | - 380.<br>380. | i |
| 606-20-22,6-Dinitrotoluene          |                | U |
| 99-09-23-Nitroaniline               | 1900.          | U |
| 83-32-9Acenaphthene                 | 380.           | U |

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP5-3

Lab Name: AES, Inc. Contract:

Inb Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1

Nitrix: (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

Concentrated Extract Volume: 2000.0 (uL)

Date Analyzed: 12/04/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

CPC Cleanup: (Y/N) N pH: 8.2

|         |          | CONCENTRATION UNITS:  |   |
|---------|----------|-----------------------|---|
| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |

| 51-28-52,4-Dinitrophenol            | 1900.  | ستنا | U  |
|-------------------------------------|--------|------|----|
| 100-02-74-Nitrophenol               | 1900.  | 15   | し  |
| 132-64-9Dibenzofuran                | 380.   | U    |    |
| 121-14-22,4-Dinitrotoluene          | 380.   | U    |    |
| 84-66-2Diethylphthalate             | 380.   | U    |    |
| 7005-72-34-Chlorophenyl-phenylether | 380.   | U    |    |
| 86-73-7Fluorene                     | 380.   | U    | 1  |
| 100-01-64-Nitroaniline              | 1900.  | U    |    |
| 534-52-14,6-Dinitro-2-methylphenol  | 1900.  | -to- | (ご |
| 86-30-6n-Nitrosodiphenylamine       | 380.   | U    |    |
| 101-55-34-Bromophenyl-phenylether   | 380.   | U    |    |
| 118-74-1Hexachlorobenzene           | 380.   | U    |    |
| 87-86-5Pentachlorophenol            | 1900.  | U    |    |
| 85-01-8Phenanthrene                 | 380.   | U    |    |
| 120-12-7Anthracene                  | 380.   | U    |    |
| 86-74-8Carbazole                    | 380.   | U    |    |
| 84-74-2Di-n-butylphthalate          | 380.   | U    |    |
| 206-44-0Fluoranthene                | _ 380. | U    |    |
| 129-00-0Pyrene                      | 380.   | U    |    |
| 85-68-7Butylbenzylphthalate         | 380.   | U    |    |
| 91-94-13,3'-Dichlorobenzidine       | 770.   | U    | 1  |
| 56-55-3Benzo(a) anthracene          | 380.   | U    | 1  |
| 218-01-9Chrysene                    | 380.   | U    |    |
| 117-81-7bis(2-Ethylhexyl)phthalate  | 380.   | U    |    |
| 117-84-0Di-n-octylphthalate         | 380.   | U    |    |
| 205-99-2Benzo(b) fluoranthene       | 380.   | U    |    |
| 207-08-9Benzo(k) fluoranthene       | 380.   | U    |    |
| 50-32-8Benzo (a) pyrene             | 380.   | U    |    |
| 193-39-5Indeno(1,2,3-cd)pyrene      | 380.   | U    |    |
| 53-70-3Dibenzo(a,h)anthracene       | 380.   | Ū    |    |
| 191-24-2Benzo(g,h,i)perylene        | 380.   | U    |    |

(1) - Cannot be separated from diphenylamine

ALL 3/90

FORM I SV-2

1D PCB ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TP5-1

Lab Name: AES, INC. Cor

I b Code: AES Case No.: PAE 0206 SAS No.:

Contract:

SDG No.: TP5-1

Matrix: (soil/water) SOIL Lab Sample ID: TP5-1

S mple 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

E traction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CONCENTRATION UNITS:

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

12674-11-2----Arochlor-1016 39. U 11104-28-2----Arochlor-1221 39. U U 11141-16-5----Arochlor-1232 39. U 53469-21-9----Arochlor-1242 39. 12672-29-6----Arochlor-1248 39. U 11097-69-1----Arochlor-1254 39. U 11096-82-5----Arochlor-1260 U 39.

FORM I PEST

1/87 Rev.

219

#### 1D PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-2

Lab Name: AES, INC. Contract:

ab Code: AES Case No.: PAE 0206 SAS No.:

SDG No.: TP5-1

Matrix: (soil/water) SOIL

Lab Sample ID: TP5-2

Jevel: (low/med) LOW

Date Received: 11/26/02

% Moisture: not dec. 12. dec.\_\_\_\_ Date Extracted: 11/26/02

1 ctraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG Q

| 12674-11-2Arochlor-1016 | 38. | U |
|-------------------------|-----|---|
| 11104-28-2Arochlor-1221 | 38. | U |
| 11141-16-5Arochlor-1232 | 38. | U |
| 53469-21-9Arochlor-1242 | 38. | U |
| 12672-29-6Arochlor-1248 | 38. | U |
| 11097-69-1Arochlor-1254 | 38. | U |
| 11096-82-5Arochlor-1260 | 38. | U |
|                         |     |   |

FORM I PEST

1/87 Rev.

EPA SAMPLE NO.

TP5-3

Lab Name: AES, INC.

Contract:

ab Code: AES Case No.: PAE 0206 SAS No.: SDG No.: TP5-1

Matrix: (soil/water) SOIL Lab Sample ID: TP5-3

: ample 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

Fitraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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 U 38. 12672-29-6----Arochlor-1248 38. U 11097-69-1----Arochlor-1254 U 38. 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.

| T . I= | V     | ADIDOUDA GIL DITITO CONTROL |           | TP5-1 |
|--------|-------|-----------------------------|-----------|-------|
| 1 10   | Name: | ADIRONDACK_ENVIRONMENTAL    | Contract: |       |

Lab Code: AES\_\_ Case No.: PAE\_0206 SAS No.: \_\_\_ SDG No.: TP5-1\_

N.trix (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  |     |          |     |
|-----------|------------|---------------|---|----|----|-----|----------|-----|
| 429-90-5  | Aluminum   | 5050          | - |    | P  |     |          |     |
| 440-36-0  | Antimony   | 0.60          | Ī | X  | P  | 5   |          |     |
| 440-38-2  | Arsenic    | 0.92          | В |    | P  |     |          |     |
| 440-39-3  | Barium     | 47.4          | В |    | P  |     |          |     |
| 440-41-7  | Beryllium  | 0.042         | В |    | P  |     |          |     |
| 440-43-9  |            | 0.048         | U |    | P  |     |          |     |
| 440-70-2_ | Calcium    | 73400         |   |    | P  |     |          |     |
| 440-47-3_ | Chromium_  | 5.4           | _ |    | P  |     |          |     |
| 440-48-4_ | Cobalt     | 4.3           | B |    | P_ |     |          |     |
| 440-50-8_ |            | 7.5           | _ |    | P_ | _   |          |     |
| 439-89-6_ |            | 8760          | _ |    | P_ | 3   |          |     |
| 439-92-1_ | Lead       | 3.7_          | _ | X  | P_ | 2   |          |     |
| 439-95-4_ | Magnesium_ | 30300         | _ |    | P_ |     |          |     |
| 439-96-5_ | _          | 323_          | _ |    | P_ |     |          |     |
| 439-97-6_ | 4          | 0.024_        | В |    | AV | - 3 |          |     |
| 440-02-0_ | Nickel     | 0.24          | U |    | P_ |     |          |     |
| 440-09-7_ |            | 1330_         | _ |    | P_ |     |          |     |
| 782-49-2_ |            | 0.60          | B |    | P_ | _   |          |     |
| 440-22-4_ | Silver     | 0.43          | X | X  | P_ | 5   |          |     |
| 440-23-5_ | Sodium     | 214           | В |    | P_ |     |          |     |
| 440-28-0_ | Thallium_  | 0.76_         | 1 | _X | P_ | 5   |          |     |
| 440-62-2_ |            | 11.0          | В |    | P_ |     | 1-       | 1   |
| 440-66-6_ | Zinc       | 65.0          | _ |    | P_ |     | OR TEN   | )'- |
| 440-42-8  | Boron      |               | _ |    | NR |     | C4, 14/2 |     |

| L Lor  | Belore: | Clarity     | Belore: | <br>Texture:   |
|--------|---------|-------------|---------|----------------|
| C Lor  | After:  | <br>Clarity | After:  | <br>Artifacts: |
| Commer | nts:    |             |         |                |
| -      |         |             |         | <br>           |
| -      |         |             |         |                |

#### U.S. EPA - CLP 1

#### INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| ab Name: ADIRONDAC   | K_ENVIRONME                  | NTAL Contr                | act:         |        |                 | TP5-2                           |
|--|------------------------------|---------------------------|--------------|--------|-----------------|---------------------------------|
| Lab Code: AES  | Case No.:                    | PAE_0206 SAS              | No.          | :      | _               | SDG No.: TP5-1_                 |
| I atrix (soil/water)   | : SOIL                       |                           | I            | ab Sam | ple             | ID: TP5-2                       |
| Level (low/med):   | LOW                          |                           | D            | ate Re | ceiv            | red: 11/26/02                   |
| ٤ Solids:  | 88.0                         |                           |              |        |                 |                                 |
| Concentrat   |                              | ıg/L or mg/kg             | dry          | weight | ):              | MG/KG                           |
| CAS No.  | Analyte                      | Concentration             | С            | Q      | М               |                                 |
| 7429-90-5_<br>7440-36-0_<br>7440-38-2_<br>7440-39-3_<br>7440-41-7_<br>7440-43-9_<br>7440-47-3_<br>7440-48-4_<br>7440-50-8_<br>7439-92-1_<br>7439-95-4_<br>7439-96-5_<br>7439-97-6_<br>7440-02-0_<br>7440-02-0_<br>7440-22-4_<br>7440-23-5_<br>7440-28-0_ | SeleniumSilverSodiumThallium | 1360.73_                  | B BU - B BUB | XXXXXX | P P A P P P P P | り<br>り<br>つ<br>つ<br>つ<br>つ<br>つ |
| 7440-62-2_<br>7440-66-6_<br>7440-42-8_   | Vanadium                     | 18.9                      |              |        | P_<br>P_<br>NR  | A1/1/03                         |
| Color Before:  |                              | ity Before:<br>ity After: |              |        |                 | Texture:                        |
| Comments:  |                              |                           |              |        |                 |                                 |
|  |                              |                           |              |        |                 |                                 |

#### U.S. EPA - CLP

| EPA | SAMPLE | NO |
|-----|--------|----|
|     |        |    |

|           | 1        |      |       |  |
|-----------|----------|------|-------|--|
| INORGANIC | ANALYSIS | DATA | SHEET |  |

| ıb Name  | : ADIRONDAC             | K_ENVIRONME                           | NTAL Contr                                   | act  | :       |                   | TP5-3           |
|----------|-------------------------|---------------------------------------|--|------|---------|-------------------|-----------------|
| Lab Code | : AES                   | Case No.:                             | PAE_0206 SAS                                 | No   | · . :   |                   | SDG No.: TP5-1_ |
| trix (   | soil/water)             | : SOIL                                |  |      | Lab Sar | mple              | ID: TP5-3       |
| Level (1 | ow/med):                | LOW                                   |  |      | Date Re | ecei              | ved: 11/26/02   |
| s Solids | :                       | 87.0                                  |  |      |         |                   |                 |
|          | Concentrati             |                                       | ug/L or mg/kg (                              | drv  | weight  | -).               | MG/KG           |
|          | 1                       | ,                                     | · 3, = · - · · · · · · · · · · · · · · · · · |      |         |                   | I               |
|          | CAS No.                 | Analyte                               | Concentration                                | c    | Q       | M                 |                 |
|          | 7429-90-5               | Aluminum                              | 9580   | -    |         | - <del>P</del>    |                 |
|          | 7440-36-0               |                                       | 0.57   | B    | M       | - P               | U-3             |
|          | 7440-38-2               | Arsenic                               | 0.51   | U    |         | P_                |                 |
|          | 7440-39-3               | Barium                                | 60.9   | -    |         | _ P_              |                 |
|          | 7440-41-7_<br>7440-43-9 | Beryllium_<br>Cadmium                 | 0.24_  | B    |         | - P<br>P          |                 |
|          | 7440-70-2               |                                       | 34000  |      |         | - P-              |                 |
|          | 7440-47-3               |                                       | 9.9  | -    |         | -  <sub>P</sub> - |                 |
|          | 7440-48-4               |                                       | 6.5  | B    |         | - P               |                 |
|          | 7440-50-8               | Copper                                | 9.9  |      |         | - P               |                 |
|          | 7439-89-6               |                                       | 14700  | _    | 7       | P_                | <b>ゴ</b>        |
|          | 7439-92-1_              |                                       | 2.5  | _    |         | P_                | 3               |
|          | 7439-95-4_              |                                       | 14600_                                       | _    |         | _ P_              |                 |
|          | 7439-96-5               |                                       | 428_   | 1 1  |         | - P_              | l. <i>—</i>     |
|          | 7439-97-6               | · · · · · · · · · · · · · · · · · · · | . <u></u>                                    | التا |         | _ AV              | (T)             |
|          | 7440-02-0<br>7440-09-7  |                                       | 0.23   | U    |         | _  P_             |                 |
|          | 7782-49-2               | _                                     | 1280_0.57                                    | ਹ    |         | P_P_              |                 |
|          | 7440-22-4               |                                       | 0.41   | 7    |         | - P-              | <u></u>         |
|          | 7440-23-5               |                                       | 139  | В    | ~       | - P-              |                 |
|          | 7440-28-0               |                                       | 0.74   | اختر | ×       | -  -              | 03              |
|          | 7440-62-2               | Vanadium                              | 20.1   |      |         | -   P             |                 |
|          | 7440-66-6               | Zinc                                  | 86.7   | -    |         | - P               | 2×10            |
|          | 7440-42-8               | Boron                                 |  | -    |         | NR                | De Malo         |
|          |                         |                                       |  | _    |         |                   | 1/02            |
|          |                         |                                       |  |      |         |                   |                 |
| or Be    | fore:                   | Clar                                  | ity Before:                                  |      |         |                   | Texture:        |
| cor Af   | ter:                    | Clar                                  | ity After:                                   |      |         |                   | Artifacts:      |
| James    |                         |                                       |  |      |         |                   |                 |
| Comments | :                       |                                       |  |      |         |                   |                 |
|          |                         |                                       |  |      |         |                   |                 |
|          |                         |                                       |  |      |         |                   |                 |
|          |                         | <u>-</u>                              |  |      |         |                   |                 |
| -        |                         |                                       |  |      |         |                   |                 |

#### 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 | С   | 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          | 186 | کت | EPA 9012  |
| рН                                |               |     |    | EPA 150.1 |
| Turbidity                         |               |     |    | EPA 180.1 |
| Color                             |               |     |    | EPA 110.1 |
| Hexavalent Chromium               |               |     |    | SW 7196   |
|                                   |               |     |    |           |

| Comments |      |      |  |
|----------|------|------|--|
|          |      |      |  |
|          | <br> | <br> |  |
|          | <br> | <br> |  |

FORM I - CONV

#### 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

ક Solids:

88.4

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

| Analyte                           | Concentration | U  | 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          | ZZ | US | EPA 9012  |
| Н                                 |               |    |    | EPA 150.1 |
| Turbidity                         |               |    |    | EPA 180.1 |
| Color                             |               |    |    | EPA 110.1 |
| Hexavalent Chromium               |               |    |    | SW 7196   |
|                                   |               |    |    |           |

| Comments |  |
|----------|--|
|          |  |
|          |  |

FORM I - CONV

#### 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 | С | 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          | X | UZ | EPA 9012  |
| рН                                |               |   |    | EPA 150.1 |
| Turbidity                         |               |   |    | EPA 180.1 |
| Color .                           |               |   |    | EPA 110.1 |
| Hexavalent Chromium               |               |   |    | SW 7196   |
|                                   |               |   |    |           |

| Comments |  |
|----------|--|
|          |  |
|          |  |

FORM I - CONV

# ATTACHMENT B

#### SUPPORT DOCUMENTATION



#### Experience is the solution

314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

#### Case Narrative

Client: Pan American Environmental - Trinidad Park

Case: PAE 0206

SDG: TP5-1

| Sample ID      | <u>Laboratory Sample ID</u> | Date Received        | <u>VTSR</u>    | <u>Matrix</u> |
|----------------|-----------------------------|----------------------|----------------|---------------|
| TP5-1<br>TP5-3 | 021126Y-01<br>021126Y-02    | 11/26/02<br>11/26/02 | 12:37<br>12:37 | Soil<br>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.



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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.

#### Conventionals

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."

Laborátory Manager

Date:

## Action Cack Albany, New York 12207 518-434-4546/434-0891 FA

#### CHAIN OF CUSTODY RECORD

518-434-4546/434-0891 FAX A full service analytical research laboratory offering solutions to environmental concerns Client Name: Address: Project Name (Location) Panamer CAn Send Report To: John Client Phone No: PO Number: Samplers: (Signature) Client Fax No: Sample Type Number Time A=a.m. P=p.m. AES Client Date Grab Comp Matrix Sample Identification & Location Sample Number Sampled Cont's Analysis Required CLP UDAS, SUDTS PCBS TAL metals, CN 071136 201 'n Α MS Р Α mso Р A Р A P Α Р Α Ρ A P Α Р A Р Α Р Α P A P Turnaround Time Request: Special Instructions/Remarks deliverable \_ 1 Day \_ 2 Day CC Report To: Date/Time Relinquished by (Signature) Received by: (Signature) Relinquished by: (Signature) 14:3 RECEIVED WITHIN HOLDING TIMES PROPERLY PRESERVED TEMPERATURE Chilled Ambient

WHITE - Lab Copy

Notes:

YELLOW - Sampler Copy

Notes:

PINK - Generator Copy

61

QUANT REPORT

Page 1

Operator ID: MARIE ignant Time: 021206 13:44 Quant Rev: 7 Dutput File: ^D0989::QT

Injected at: \*\*1206 13:18

Data File: >D0989::D6 Dilution Factor: 1.00mm0 Name: 021126 Y3

Instrument ID: 7002 D

Misc: 7002D TP5-2

ID File: IDSS91::MT

Title: HP VNA Continuing Calibration Standard

Last Calibration: 021025 11:11 Last Qcal Time: \*\*1206 12:18

| Compound                  | R.T.  | ų ron  | Area      | Eanc    | ilnīts | ı j             |
|---------------------------|-------|--------|-----------|---------|--------|-----------------|
| 1) *Bromochloromethane    | 10.81 | 128.0  | 25104     | 56.NO   | 115    | 71              |
| 19) 1,2-Dichloroethane-d4 | 11.73 | 65.0   | 5 t n 8 0 | 48.87   | UG     | 100             |
| 22) *l,4-Difluorobenzene  | 12.32 | i 14.Ü | 139442    | 511-110 | 1 115  | <del>-</del> 19 |
| 36) ⊀Chlornbenzene-d5     | 18.07 | 117.0  | 116674    | 50.00   | UG     | 97              |
| 42) Taluene d-8           | 19.14 | 78.B   | 170993    | 47.00   | เมือ   | 17.5            |
| 48) Bromofluorabenzene    | 20.49 | 95.0   | 5704l     | 52.85   | UG     | 82              |

<sup>\*</sup> Compound is ISTD

#### 7В SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: AES, Inc. Contract:

|   |       |       | MIN   |       | MAX  |
|---|-------|-------|-------|-------|------|
| COMPOUND                                | RRF   | RRF50 | RRF   | %D    | 용D   |
| ======================================= | ===== | ===== | ===== | ===== | ==== |
| 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 |
| 2-Chlorophenol 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  | 1     | .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   |      |
| 7                                       | 2.392 | 2.373 | .800  | .8    | 25.0 |
| 2,4-Dinitrophenol                       | .225  | .082  |       | 63.6  | ,    |
| 4-Nitrophenol                           | .496  |       |       | 42.5  |      |
| 4-Nitrophenol                           | 1.865 |       | l     | 2.2   | 25.0 |
| 2,4-Dinitrotoluene                      | .433  |       | .200  | 4.8   | 25.0 |
| Z, T DIMICIOCOLUCITE                    | . 433 | . 112 | .200  | 1.0   | 23.0 |
| All other compounds must me             | l     | ·     |       | 010   | l    |

All other compounds must meet a minimum RRF of .010.

#### 7C 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

 Tab File ID: BS471
 Init. Calib. Date(s): 11/25/02 11/25/02

 Init. Calib. Times: 18:28
 22:12

|                             |                 |       | MIN  |       | MAX              |
|-----------------------------|-----------------|-------|------|-------|------------------|
| COMPOUND                    | RRF             | RRF50 | RRF  | 용D    | 응D               |
|                             |                 | ===== | ł    |       | ====             |
| Diethylphthalate            | 1.197           |       | i    | -2.3  |                  |
| 4-Chlorophenyl-phenylether  | .923            | .920  |      |       | 25.0             |
| Fluorene                    | 2.020           |       |      |       | 25.0             |
| 4-Nitroaniline              | .447            |       | í    | 16.3  |                  |
| 4,6-Dinitro-2-methylphenol  | .175            | .128  |      | 26.9  | $\triangleright$ |
| n-Nitrosodiphenylamine      | .583            | .682  |      | -17.0 |                  |
| 4-Bromophenyl-phenylether   | .447            | .491  | .100 | -9.8  | 25.              |
| Hexachlorobenzene           | .280            |       | .100 | -2.5  | 25.              |
| Pentachlorophenol           | .221            | .182  | .050 | 17.6  | 25.0             |
| Phenanthrene                | 1.120           |       | .700 | 2.0   | 25.              |
| Anthracene                  | 1.122           | 1.099 | .700 | 2.0   | 25.              |
| Carbazole                   | .685            | .623  |      | 9.1   |                  |
| Di-n-butylphthalate         | .952            | .909  |      | 4.5   |                  |
| Fluoranthene                | .852            | .736  | .600 | 13.6  | 25.              |
| Pyrene                      | 1.507           | 1.558 | .600 | -3.4  | 25.              |
| Butylbenzylphthalate        | .876            | .881  |      | 6     |                  |
| 3,3'-Dichlorobenzidine      | .560            | .533  |      | 4.8   |                  |
| Benzo(a)anthracene          | 1.289           | 1.263 | .800 | 2.0   | 25.              |
| Chrysene                    | 1.297           | 1.279 | .700 | 1.4   | 25.              |
| bis(2-Ethylhexyl)phthalate  | .813            | .842  |      | -3.6  |                  |
| Di-n-octylphthalate         | 1.142           | 1.209 |      | -5.9  |                  |
| Benzo(b)fluoranthene        | 1.054           |       | .700 | 6.8   | 25.              |
| Benzo(k)fluoranthene        | 1.218           | 1.195 | .700 |       | 25.              |
| Benzo(a)pyrene              | 1.014           | 1     | .700 |       | 25.              |
| Indeno(1,2,3-cd)pyrene      | .863            |       | .500 |       | 25.              |
| Dibenzo(a,h)anthracene      | .935            |       |      |       | 25.              |
| Benzo(g,h,i)perylene        | 1.117           |       | 1    |       | 25.              |
|                             | •               |       |      | 1     |                  |
| Nitrobenzene-d5             | .556            | .534  |      | 4.0   |                  |
| 2-Fluorobiphenyl            | 1.559           |       |      | . 4   | 25.              |
| Terphenyl-d14               | .876            | 1     | .500 | l     | 25.              |
| Phenol-d5                   | 1.396           |       | .800 | l     | 25.              |
| 2-Fluorophenol              | .958            |       | 1    |       | 25.              |
| 2,4,6-Tribromophenol        | .164            | 1     |      | -4.3  |                  |
|                             |                 |       |      |       |                  |
| 1) Carrot be generated from | L <del></del> - | !     |      |       |                  |

(1) Cannot be separated from Diphenylamine All other compounds must meet a minimum RRF of .010.

FORM VII SV-2

#### U.S. EPA - CLP

#### 2B CRDL STANDARD FOR AA AND ICP

| Lab Name: ADIRONDACK   | _ENVIRONMENTAL     | Contract: |                |
|------------------------|--------------------|-----------|----------------|
| I b Code: AES          | Case No.: PAE_0206 | SAS No.:  | SDG No.: TP5-1 |
| A " CRDL Standard Sour | rce:               |           |                |
| ICP CRDL Standard Sou  | rce: HIGH_PURITY   |           |                |

Concentration Units: ug/L

|  | CRDL St | tandard | for AA |  | RDL Standar<br>tial                      | d for I                       | CP<br>Final                                |                         |
|--|---------|---------|--------|--|--|-------------------------------|--|-------------------------|
| Analyte  | True    | Found   | %R     | True   | Found                                    | %R                            | Found                                      | %R                      |
| Antimony_Arsenic_Eirium_Eirjlium Cadmium_Cicium_Cicobalt_Copper_ |         |         |        | 120.0<br>20.0<br>10.0<br>10.0<br>100.0<br>50.0 | 20.97<br>9.95<br>9.84<br>18.29<br>100.69 | 99.5<br>98.4<br>91.4<br>100.7 | 23.66<br>10.36<br>10.03<br>16.29<br>107.72 | 118.3<br>103.6<br>100.3 |
| I on<br>L_ad   |         |         |        | 6.0  | 7.29                                     | 121.5                         | 8.97                                       | 149.5_                  |
| Magnesium<br>M nganese<br>M rcury                                |         |         |        | 30.0   | 30.43                                    | 101.4_                        | 31.86                                      | 106.2                   |
| Nickel   |         |         |        | 80.0   | 86.57                                    | 108.2_                        | 80.95                                      | 101.2_                  |
| S lenium_<br>S lver<br>Sodium                                    |         |         |        | 10.0   | 11.20<br>18.75_                          | 112.0_93.8_                   | 11.60<br>19.65                             | 116.0_<br>_98.2_        |
| T. allium_<br>V. nadium_<br>Zinc_<br>B. ron                      |         |         |        | 20.0<br>100.0<br>40.0                          | 16.91<br>99.36<br>41.17                  |                               | 18.93<br>—102.45<br>—42.82                 | 102.4                   |

ontrol Limits: no limits have been established by EPA at this time

#### U.S. EPA - CLP SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

|          |                          |           | TP5-1 S |
|----------|--------------------------|-----------|---------|
| ab Name: | ADIRONDACK_ENVIRONMENTAL | Contract: |         |

Lab Code: AES\_\_ Case No.: PAE\_0206 SAS No.:\_\_\_ SDG No.:TP5-1\_

atrix (soil/water): SOIL Level (low/med):LOW\_

9 Solids for Sample: 84.0\_

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

| \nalyte  | Control<br>Limit<br>%R                              | Spiked Sample<br>Result (SSR)                      | С            | Sample<br>Result (SR)                           | С            | Spike<br>Added (SA)                        | %R                                   | Q      | M                  |
|--|---|--|--------------|---|--------------|--|--------------------------------------|--------|--------------------|
| Aluminum<br>.ntimony<br>rsenic<br>Barium<br>eryllium<br>admium | 75-125_<br>75-125_<br>75-125_<br>75-125_<br>75-125_ | 25.5753<br>8.3368<br>487.0747<br>11.3027<br>9.9695 |              | 0.5952<br>0.9231<br>47.3833<br>0.0425<br>0.0476 | UBBBU        | 119.05<br>9.52<br>476.19<br>11.90<br>11.90 | 21.5<br>77.9<br>92.3<br>94.6<br>83.8 |        | R P P P P P        |
| Calcium_<br>Chromium_<br>obalt_<br>copper_                     | 75-125_<br>75-125_<br>75-125_<br>75-125_            | 54.8074<br>105.7830<br>63.0342                     | <br><br>     | 5.3752<br>4.3043<br>7.5151                      | —<br>В       | 47.62<br>119.05<br>59.52                   | 103.8<br>85.2<br>93.3                |        | P R P P P          |
| ead_agnesium   | 75-125_<br>75-125_                                  | 39740.0000<br>5.3034<br>442.3487                   | -            | 36774.4600<br>3.6628<br>323.4021                | <br> -<br> - | 238.10<br>4.76<br>119.05                   | 1245.5<br>34.5<br>99.9               | N<br>- | P<br>NR<br>P       |
| mercuryickel<br>rotassium<br>Selenium                          | 75-125_<br>75-125_<br>75-125                        | 0.8756<br>91.9694<br>                              | <br> -<br> - | 0.02420.2381                                    | B U B        | 1.19<br>119.05<br>2.38                     | 71.5                                 | N<br>- | AV<br>P<br>NR<br>P |
| ilver<br>odium<br>Thallium_                                    | 75-125_<br>75-125_                                  | 4.77745.5290                                       | <br> -<br> - | 0.4286  | Ū            | 11.90                                      | 40.1_                                | И      | NR<br>P            |
| anadium_incBoron   | 75-125_<br>75-125_                                  | 120.4637<br>172.7615                               | -            | 11.0137<br>65.0193_                             | B<br>-       | 119.05<br>119.05_                          | 91.9                                 |        | P_<br>P_<br>NR     |

| omments: |      |      |
|----------|------|------|
|          | <br> |      |
|          |      |      |
|          |      |      |
|          | <br> | <br> |

| TP5 | - 1 | L |  |
|-----|-----|---|--|
|     | _   | _ |  |

ab Name: ADIRONDACK\_ENVIRONMENTAL\_\_ Contract: \_\_\_\_

Lab Code: AES\_\_ Case No.:PAE\_0206 SAS No.:\_\_\_\_ SDG No.:TP5-1\_

latrix (soil/water): SOIL

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

Concentration Units: ug/L

| Analyte  | Initial Sample<br>Result (I) C | C | Serial<br>Dilution<br>Result (S)  | С | %<br>Differ-<br>ence  | Q | М |
|--|--------------------------------|---|---|---|---|---|---|
| Aluminum_Antimony_Arsenic_Barium_Beryllium_Cadmium_Calcium_Chromium_Cobalt_Copper_Iron_Lead_Magnesium_Manganese_Mercury_Nickel_Potassium_Selenium_Silver_Sodium_Thallium_Vanadium_Zinc_Matim_Sinc_Matim_Sinc_Mandium_Zinc_Matim_Sinc_Mandium_Zinc_Matim_Mandium_Zinc_Matim_Mandium_Zinc_Matim_Matim_Mandium_Zinc_Matim_Matim_Matim_Matim_Matim_Zinc_Matim_Matim_Matim_Matim_Matim_Zinc_Matim_Matim_Matim_Matim_Matim_Matim_Matim_Matim_Zinc_Matim_Mati | 3.88                           | J | 22251.50<br>12.50<br>15.19<br>206.58<br>0.50<br>1.00<br>332192.58<br>18.00<br>18.88<br>20.10<br>43364.48<br>12.63<br>126086.02<br>1466.06<br>5.00<br>5098.07<br>12.50<br>9.00<br>978.00<br>16.00<br>34.51<br>286.17 |   | 4.9<br>291.5<br>3.8<br>100.0<br>7.7<br>100.0<br>4.4<br>36.3<br>(17.9)<br>17.9<br>0.8<br>7.9<br>9.0<br>100.0<br>8.8<br>25.4<br>4.8 |   |   |

U.S. EPA - CLP

#### 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

|                      | Control | Spiked       |   |             |   |            |     |   |   |
|----------------------|---------|--------------|---|-------------|---|------------|-----|---|---|
| Analyte              | Limit   | Sample       |   | Sample      |   | Spike      |     |   |   |
|                      | % R     | Result (SSR) | С | Result (SR) | C | Added (SA) | % R | Q | M |
| TKN as N             |         |              |   |             |   |            |     |   |   |
| Ammonia, as N        |         |              | T |             |   |            |     |   |   |
| Nitrate              |         |              |   |             |   |            |     |   |   |
| COD                  |         |              |   |             |   |            |     |   |   |
| BOD 5                |         |              |   |             |   |            |     |   |   |
| TOC                  |         |              | T |             |   |            |     |   |   |
| TDS                  |         |              |   |             |   |            |     |   |   |
| Sulfate              |         |              |   |             |   |            |     |   |   |
| Alkalinity           |         |              |   |             |   |            |     |   |   |
| Total Phenols        |         |              |   |             |   |            |     |   |   |
| Chloride             |         |              |   |             |   |            |     |   |   |
| Bromide              |         |              |   |             |   |            |     |   |   |
| Eh                   |         |              |   |             |   |            |     |   |   |
| Specific Conductance |         |              |   |             |   |            |     |   |   |
| Cyanide              | 75-125  | 3.1          |   | 0.11        | U | 28.7       | 11  | * |   |
| pН                   |         |              |   |             |   |            |     |   |   |
| 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



#### ONE RESEARCH CIRCLE TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| nalysis Performed   | Result   | Units   | Detection<br>Limit   | Date<br>Analyzed   | Method   | Notebook<br>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  |
| ⊤oluene   | 780  | ug/kg   | 110  | 21-DEC-01 11:11  | EPA 8021   | 01-144-7048  |
| :hylbenzene   | 540  | ug/kg   | 110  | 21-DEC-01 11:11  | EPA 8021   | 01-144-7048  |
| Xylene/m-Xylene   | 280  | ug/kg   | 110  | 21-DEC-01 11:11  | EPA 8021   | 01-144-7048  |
| o-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  |
| 3,5-Trimethylbenzene  | 990  | ug/kg   | 110  | 21-DEC-01 11:11  | EPA 8021   | 01-144-7048  |
| rt-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  |
| I sopropyl to luene   | <i>7</i> 50  | 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  |
| 241,120114  |  |   |  |  |  | 04 4/1 70/0  |
| phthalene   | 1500   | ug/kg   | 110  | 21-DEC-01 11:11  | EPA 8021   | 01-144-7048  |
|   | 1500<br>บ  | ug/kg<br>ug/kg  | 110<br>530   | 21-DEC-01 11:11<br>21-DEC-01 11:11   | EPA 8021<br>EPA 8021   | 01-144-7048  |
| phthalene   |  |   |  |  |  |  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery: D - Bromofluorobenzene   | บ<br>99  | ug/kg<br>%  |  |  |  |  |
| phthalene<br>Methyl-tert-butyl-ether (MTBE)<br>Surrogate Recovery:  | บ<br>99  | ug/kg<br>%  |  |  |  | 01-144-7048  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery: D - Bromofluorobenzene   | บ<br>99  | ug/kg<br>%  |  |  |  | 01-144-7048  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270 phthalene  | 99<br>ed on a dry weight   | ug/kg<br>%  | 2900   | 21-DEC-01 11:11<br>26-DEC-01 23:47   | EPA 8021   | 01-144-7048<br>01-144-7048<br>01-165-3567  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  | 99<br>ed on a dry weight<br>1700 J<br>U  | ug/kg<br>%<br>basis.  | 2900<br>2900   | 21-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47  | EPA 8021  EPA 8270 EPA 8270  | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270 phthalene  | 99<br>ed on a dry weight   | ug/kg<br>%<br>basis.<br>ug/kg   | 2900   | 21-DEC-01 11:11<br>26-DEC-01 23:47   | EPA 8021  EPA 8270 EPA 8270 EPA 8270 EPA 8270  | 01-144-7048<br>01-144-7048<br>01-165-3567  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene  | 99<br>ed on a dry weight<br>1700 J<br>U<br>1600 J<br>2000 J                                    | ug/kg<br>%<br>basis.<br>ug/kg<br>ug/kg  | 2900<br>2900   | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47  | EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene  | 99<br>ed on a dry weight<br>1700 J<br>U<br>1600 J<br>2000 J<br>6000                            | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg   | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900         | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene T'uorene   | 99<br>ed on a dry weight<br>1700 J<br>U<br>1600 J<br>2000 J                                    | ug/kg  kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg   | 2900<br>2900<br>2900<br>2900<br>2900                         | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47  | EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthylene ''uorene enanthrene thracene   | 99<br>ed on a dry weight<br>1700 J<br>U<br>1600 J<br>2000 J<br>6000                            | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                                     | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900         | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene     enanthrene     thracene Fluoranthene  | 99<br>ed on a dry weight<br>1700 J<br>U<br>1600 J<br>2000 J<br>6000<br>1800 J                  | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                         | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270<br>EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene e enanthrene t thracene Fluoranthene Fluoranthene Pyrene  | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900                                 | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                   | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8021  EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270  | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567  |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene enanthrene  | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800                            | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                   | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene ! ananthrene ! thracene Fluoranthene Fluoranthene Pyrene   nzo(a)anthracene   | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800 4000                       | ug/kg  kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                         | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47   | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270  | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567   |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene ! enanthrene thracene Fluoranthene Pyrene   nzo(a)anthracene   rysene   | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800 4000 4400                  | ug/kg  % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                  | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47  | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270   | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567                               |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthene ''uorene ! enanthrene ! thracene Fluoranthene Pyrene   nzo(a)anthracene   rysene   nzo(b)fluoranthene  | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800 4000 4400 6600             | ug/kg  % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg                  | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47                    | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270  | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567                |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthylene - Corene - enanthrene - thracene - fluoranthene - rzo(a)anthracene - rysene - rzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene         | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800 4000 4400 6600 2800 J      | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47<br>26-DEC-01 23:47 | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567 |
| phthalene Methyl-tert-butyl-ether (MTBE) Surrogate Recovery:     D - Bromofluorobenzene     Analysis Comment:Results Calculate  FPA 8270     phthalene Acenaphthylene Acenaphthylene ''uorene ! enanthrene ! thracene Fluoranthene Fluoranthene Fryrene [ nzo(a)anthracene     rysene     nzo(b)fluoranthene Benzo(k)fluoranthene | 99 ed on a dry weight  1700 J U 1600 J 2000 J 6000 1800 J 7900 9800 4000 4400 6600 2800 J 5200 | ug/kg % basis.  ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg       | 2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900<br>2900 | 26-DEC-01 11:11  26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47 26-DEC-01 23:47                       | EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270 EPA 8270          | 01-144-7048<br>01-144-7048<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567<br>01-165-3567 |

Page 1 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by:

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)

B = analyte was detected in the method or trip blank

mg/kg = milligrams per kilogram (equivalent to parts per million)

= result estimated below the quantitation limit

The 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.



#### ONE RESEARCH CIRCLE TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| nalysis Performed  | Result                               | Units                        | Detection<br>Limit | Date<br>Analyzed   | Method              | Notebook<br>Reference                     |
|--|--------------------------------------|------------------------------|--------------------|--------------------|---------------------|---|
| Benzo(g,h,i)perylene   | 3700                                 | ug/kg                        | 2900               | 26-DEC-01 23:47    | EPA 8270            | 01-165-3567                               |
| Extraction Information:  |                                      |                              |                    | 21-DEC-01 00:00    | EPA 3550            | 01-133-46                                 |
| Jurrogate Recovery: Nitrobenzene-d5 2-Fluorobiphenyl erphenyl-d14 Analysis Comment:Results Calculated or | 94<br>91<br>125<br>n a dry weight ba | %<br>%<br>%<br>sis. Elevated | d detection l      | imits and internal | standard 6 recovery | 01-165-3567<br>01-165-3567<br>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.

esults calculated on a dry weight basis.

Page 2 of 2

EY: 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)

B = analyte was detected in the method or trip blank

The standard per liter (equivalent to parts per million)

= milligrams per kilogram (equivalent to parts per million)

= 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.



WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| nalysis Performed   | Result             | Units    | Detection<br>Limit | Date<br>Analyzed | Method   | Notebook<br>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           |
| thylbenzene   | U                  | ug/kg    | 1                  | 28-DEC-01 04:42  | EPA 8021 | 01-144-7060           |
| -Xylene/m-Xylene  | 2                  | ug/kg    | 1                  | 28-DEC-01 04:42  | EPA 8021 | 01-144-7060           |
| u-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           |
| 3,5-Trimethylbenzene  | U                  | ug/kg    | 1                  | 28-DEC-01 04:42  | EPA 8021 | 01-144-7060           |
| rt-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   | Ü                  | 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:   | 0/                 | 0/       |                    |                  |          | 04 4// 70/0           |
| D - Bromofluorobenzene<br>Analysis Comment:Results Calculat | 84                 | <b>%</b> |                    |                  |          | 01-144-7060           |
| Ariatysis comment:Results Catculat                          | ed on a dry weight | Dasis.   |                    |                  |          |                       |
|   |                    |          |                    |                  |          |                       |
| EPA 8270  |                    |          |                    |                  |          |                       |
| phthalene   | U                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| enaphthylene  | Ú                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Acenaphthene  | ŭ                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Fluorene  | Ū                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| enanthrene  | 750 J              | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| thracene  | Ü                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Luoranthene   | ŭ                  | 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           |
| Renzo(a)anthracene  | 1400 J             | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| ysene   | 2500 J             | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| i nzo(b)fluoranthene  | 1000 J             | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Benzo(k)fluoranthene  | Ц                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Benzo(a)pyrene  | Ü                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| ieno(1,2,3-cd)pyrene  | Ŭ                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| penzo(a,h)anthracene  | Ü                  | ug/kg    | 3000               | 27-DEC-01 00:40  | EPA 8270 | 01-165-3568           |
| Faults calculated on a dry weight                           | -                  | 49/ 49   | 3000               | L, 510 01 00.40  | 2 02.0   | 0. 103 3330           |
| . Facts careatated on a dry weight i                        | Jug 1 J 1          |          |                    |                  |          |                       |

Page 1 of 2

NY 10252 NJ 73168 PA 68180 **EPA NY 00033** Approved by = micrograms per liter (equivalent to parts per billion) ND or U = None Detected < = less than ug/L

= milligrams per kilogram (equivalent to parts per million) mg/L = milligrams per liter (equivalent to parts per million) mg/kg

= result estimated below the quantitation limit = analyte was detected in the method or trip blank

he 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. our samples will be discarded after 14 days unless we are advised otherwise.



WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| alysis Performed  | Result                             | Units | Detection<br>Limit | Date<br>Analyzed    | Method   | Notebook<br>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                                 |
| rrogate Recovery:<br>Nitrobenzene-d5<br>2-Fluorobiphenyl<br>rphenyl-d14<br>Analysis Comment:Results Calculated on | 32<br>46<br>74<br>a dry weight bas |       |                    | limits and internal |          | 01-165-3568<br>01-165-3568<br>01-165-3568 |

recovery below limits due to a high concentration of petroleum product(s) in the sample extract.

f sults calculated on a dry weight basis.

NY 10252

NJ 73168

PA 68180

Page 2 of 2

Approved by:

Lab Director ug/L = micrograms per liter (equivalent to parts per billion) ND or U < = less than = None Detected = milligrams per kilogram (equivalent to parts per million) = milligrams per liter (equivalent to parts per million) mg/kg mg/L = result estimated below the quantitation limit J = analyte was detected in the method or trip blank

EPA NY 00033

he 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. our samples will be discarded after 14 days unless we are advised otherwise.



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

| nalysis Performed                   | Result | Units          | Detection<br>Limit | Date<br>Analyzed | Method   | Notebook<br>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           |
| thylbenzene                         | 1      | ug/kg          | <u>i</u>           | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| -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          | i                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| Propylbenzene                       | 4      | ug/kg          | i                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| ,3,5-Trimethylbenzene               | 34     | ug/kg          | i                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| ert-Butylbenzene                    | ū      | ug/kg          | i                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| 1,2,4-Trimethylbenzene              | 10     | ug/kg          | i                  | 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           |
| Isopropyltoluene                    | 8      | ug/kg          | 1                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| Butylbenzene                        | 4      | ug/kg          | i                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| 3phthalene                          | 120    | ug/kg          | 1                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| Methyl-tert-butyl-ether (MTBE)      | 11     |                | 6                  | 28-DEC-01 05:43  | EPA 8021 | 01-144-7061           |
| Surrogate Recovery:                 | 1 1    | ug/kg          | O                  | 26-066-01 05:43  | EPA OUZI | 01-144-7061           |
| D - Bromofluorobenzene              | 120    | %              |                    |                  |          | 01-144-7061           |
| Analysis Comment:Results Calculate  |        |                |                    |                  |          | 01-144-7001           |
| EPA 8270                            |        |                |                    |                  |          |                       |
| phthalene                           | 520 J  | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| cenaphthylene                       | J20 J  | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| Acenaphthene                        | 350 J  | ug/kg<br>ug/kg | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| Uorene                              | 410 J  | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| enanthrene                          | 1600   |                | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| thracene                            | U      | ug/kg          | 1500               |                  | EPA 8270 | 01-165-3585           |
|                                     | 1700   | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 |                       |
| Luoranthene                         |        | ug/kg          |                    | 28-DEC-01 13:37  |          | 01-165-3585           |
| yrene                               | 2200   | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| anzo(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           |
| nzo(b)fluoranthene                  | 1800   | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| enzo(k)fluoranthene                 | U      | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| enzo(a)pyrene                       | 1100 J | ug/kg          | 1500               | 28-DEC-01 13:37  | EPA 8270 | 01-165-3585           |
| deno(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           |
| _sults calculated on a dry weight b | asis.  |                |                    |                  |          |                       |

Page 1 of 2

NY 10252 NJ 73168 Approved by: PA 68180 **EPA NY 00033** 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) = result estimated below the quantitation limit = analyte was detected in the method or trip blank

'he 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. our samples will be discarded after 14 days unless we are advised otherwise.



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

| nalysis Performed   | Result   | Units                                   | Detection<br>Limit | Date<br>Analyzed                        | Method            | Notebook<br>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                                 |
| Lurrogate Recovery: Nitrobenzene-d5 2-Fluorobiphenyl erphenyl-d14 Analysis Comment:Results Calculated on file B3566. Elevated | 60<br>68<br>85<br>a dry weight bas<br>detection limits | %<br>%<br>is. Internal<br>due to petrol | standard 6         | recovery below lim<br>in sample extract | its. Confirmed by | 01-165-3585<br>01-165-3585<br>01-165-3585 |

R sults calculated on a dry weight basis.

Page 2 of 2

NY 10252 NJ 73168 PA 68180 **EPA NY 00033** Approved by: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion) = milligrams per liter (equivalent to parts per million) = milligrams per kilogram (equivalent to parts per million) mg/L mg/kg = analyte was detected in the method or trip blank = result estimated below the quantitation limit

e ... Iformation 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. ur samples will be discarded after 14 days unless we are advised otherwise.



WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| malyaia Danfarmad                    | D1 #               | 11-24- | Detection | Date            | r-ab -d  | Notebook    |
|--------------------------------------|--------------------|--------|-----------|-----------------|----------|-------------|
| nalysis Performed                    | Result             | Units  | Limit     | Analyzed        | Method   | Reference   |
| <sup>⊤</sup> otal Solids             | 77.5               | %      |           | 20-DEC-01 00:00 | CLP 3.0  | 01-202-3    |
| PA 8021                              |                    |        |           | . العدد -       |          |             |
| Benzene                              | U                  | ug/kg  | 0.8       | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| Tol uene                             | ī                  | ug/kg  | 1         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| thylbenzene                          | Ú                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| -Xylene/m-Xylene                     | 2                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| o-Xylene                             | ū                  | ug/kg  | 1         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| Isopropylbenzene                     | Ü                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| -Propylbenzene                       | Ü                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| ,3,5-Trimethylbenzene                | Ü                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| Lart-Butylbenzene                    | ŭ                  | ug/kg  | i         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| 1,2,4-Trimethylbenzene               | ŭ                  | ug/kg  | i         | 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 |
| · I sopropyltoluene                  | Ü                  | ug/kg  | 1         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| -Butylbenzene                        | 3                  | ug/kg  | 1         | 28-DEC-01 06:30 | EPA 8021 | 01-144-7062 |
| Maphthalene                          | 10                 |        | 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:                  | u                  | ug/kg  | 0         | 20-066-01 00:30 | EPA OUZI | 01-144-7062 |
|                                      | 01                 | %      |           |                 |          | 01-144-7062 |
| D - Bromofluorobenzene               | 91                 |        |           |                 |          | 01-144-7062 |
| Analysis Comment:Results Calculate   | ed on a dry weight | Dasis. |           |                 |          |             |
| CPA 8270                             |                    | ****   |           |                 |          |             |
| phthalene                            | 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 |
| `uorene                              | U                  | ug/kg  | 640       | 02-JAN-02 20:31 | EPA 8270 | 01-172-3337 |
| enanthrene                           | 640 J              | ug/kg  | 640       | 02-JAN-02 20:31 | EPA 8270 | 01-172-3337 |
| thracene                             | 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 |
| nzo(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 |
| -nzo(b)fluoranthene                  | U                  | ug/kg  | 640       | 02-JAN-02 20:31 | EPA 8270 | 01-172-3337 |
| Benzo(k)fluoranthene                 | ü                  | 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 |
| deno(1,2,3-cd)pyrene                 | U 3                | ug/kg  | 640       | 02-JAN-02 20:31 | EPA 8270 | 01-172-3337 |
| benzo(a,h)anthracene                 | U<br>U             | ug/kg  | 640       | 02-JAN-02 20:31 | EPA 8270 | 01-172-3337 |
|                                      | •                  | ug/ kg | 040       | 05-3WM-05 50:31 | LFA OLIO | 01 172-3337 |
| kesults calculated on a dry weight b | asis.              |        |           |                 |          |             |

Page 1 of 2

ug/L

mg/kg

NY 10252

NJ 73168 PA 68180 **EPA NY 00033** 

Approved by Lab Director

ND or U = None Detected mg/L

< = less than = milligrams per liter (equivalent to parts per million) = analyte was detected in the method or trip blank

= micrograms per liter (equivalent to parts per billion) = milligrams per kilogram (equivalent to parts per million)

= result estimated below the quantitation limit

he 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. our samples will be discarded after 14 days unless we are advised otherwise.



WAVERLY, NY 14892-1532 FAX (607) 565-4083

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

| nalysis Performed  | Resul                   | t                        | Units               | Detection<br>Limit | Date<br>Analyzed | Method   | Notebook<br>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                                 |
| ourrogate Recovery:<br>Nitrobenzene-d5<br>2-Fluorobiphenyl<br>∍rphenyl-d14<br>Analysis Comment:Results Calculated on | 18<br>26<br>26<br>a dry | D<br>D<br>D<br>weight ba | %<br>%<br>%<br>sis. |                    |                  |          | 01-172-3337<br>01-172-3337<br>01-172-3337 |

Results calculated on a dry weight basis.

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John Kent Lab Director

The 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.

CUS. ..... R CC. .

| SAME AS CYENT   |   | SAMPLE<br>NUMBER                 | LAB USE ONLY      |  |                    | <u>رم</u>                                    | Ŋ  |   |   |  |                     |                    | 5H (please circle)  |
|---|---|----------------------------------|-------------------|--|--------------------|--|--|---|---|--|---------------------|--------------------|---|
| INVOICE TO: ADDRESS:  | COPY TO:<br>ADDRESS:  | 7                                |                   |  |                    | 1  |  |   |   |  | NOTES TO LABORATORY |                    | MINATION LEVEL<br>MODERATE HIGH                           |
| CLIENT: PANAMERICAS ADDRESS: 2590 CLINTON ST BUFFALO, N.Y. 14227 PHONE: (16/80-1600-4X: (11) 821-1607 | AME PARK  | ANALYSES / TESTS REQUES          | 8021              | AND<br>8270                                | 8021               | and<br>8270                                  | 8021<br>Aud                              | 8270  | 8021                                      | 8270   | NOTE                | 70                 | <br>SUSPECTED CONTAMINATION LEVEL NONE SLIGHT MODERATE HI |
| CLIENT: PAMAN<br>ADDRESS: 258<br>BUF<br>PHONE: (16/80)  | PROJECT NO. / NAME TRINIOAO PARK  | ANA                              | <b>~</b>          | ω  | ∞                  | ου   | 8  | 00  | 00  | ∞  | DATE/TIME           | 19/20/01<br>1150   |   |
| рн <3   | H <sub>2</sub> O <sub>4</sub> pH <2<br>NaOH pH >12<br>NaOH & Zinc ac<br>Acetic Buffer<br>Sodium sulfite | R OF<br>NERS                     |                   | Grab Composite Other<br>WW MWSojjAir Other |                    | Grab Composito Other<br>WW MW Soil Air Other |  | Grab Composite Other<br>WW MW(Soil) Air Other |   | Grab Composite Other<br>WW MW Soil Air Other | ACCEPTED BY         | grus               |   |
|   | Untreated<br>Sodium thiosul<br>HCl pH <2<br>Ascorbic acid   | NUMBER OF<br>CONTAINERS          |                   | Description: Matrix: DW                    |                    | Description: Grat                            |  | Description: Grat                             |   | Description: Grab                            | ACC ACC             | ano C              |   |
| IRCLE<br>4892-1532<br>5 3500<br>5-4083  | w York  | CRIPTION                         | rp-84-04          | TP-84-01-16-2412 BGS<br>TP-BH-04-20-29285  | P- 8H-14           | 3-27" 645<br>6-22" 845                       | - 84- 18<br>3-71 * 845                   | -80" B4S                                      | -BH-20<br>-19" 865                        | 24" 8GS                                      | TIME                | 200/               |   |
| ONE RESEARCH CIRCLE<br>WAVERLY NY 14892-1532<br>Telephone (607) 565 3500<br>Fax (607) 565-4083        | TRINIDAD PARK<br>KENSINCTON AVENUE<br>CITY OF BUFFALD, NEW YORK   | SAMPLE DESCRIPTION               | TP-BH-01/TP-BH-04 | TP-84-01-                                  | TP-84-13/ TP-84-14 | TP-84-13- 23-27" 665<br>TP-84-14- 16-22" 695 | TP-84-17/ TP-84-18<br>TP-84-17-53-71*845 | TP-BH-18- 65-80" BKS                          | TP-BH-19/ TP-BH-20<br>TP-BH-19-12-19" BCS | TP-BH-20-17-24" BGS                          | DATE /TIME          | 12.19.200)         |   |
| FRIEND Tele   | Sample Site: TRINIDAD PARK KENSINCTON AVEN P.O.# CITY OF BUFFALE  | DATE & TIME OF SAMPLE COLLECTION | 12.18.2001        | 1125                                       | 12.18.2001         |  | 12 · 18 · 2001                           |   | 12.18.200]                                | 1620   | RELINQUISHED BY     | Gusting. Pyrfuring |   |

## 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 Services**

| Analytical Parameters | 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        |
| рH                    | 1                 | Standard        |
|                       |                   |                 |

Report Released By :

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.



# 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 (%) | Qualifler |
|--------------------------|-----|--------------|---------------|-----------|
| pyridine                 | 8   | Not detected |               | U         |
| 1,4-dichlorobenzene      | 8   | Not detected |               | ប         |
| Total cresols(o,m & p)   | 24  | Not detacted |               | U         |
| nitrobenzene             | 8   | Not detected |               | U         |
| hexachloroethane         | 8   | Not detected |               | υ         |
| hexachlorobutadiene      | 8   | Not detected |               | U         |
| 2,4,6-trichlarophenal    | 16  | Not detected |               | U         |
| 2,4,5-trichlorophenol    | 8   | Not detected |               | U         |
| 2,4-dinitrotaluene       | 8   | Not detected |               | U         |
| hexachlorobenzene        | 8   | Not detected |               | U         |
| pentachlorophenol        | 16  | Not detected |               | U         |
| 2-Fluorophenol (%)       |     | 46           | 20-69         |           |
| Phenol-d6 (%)            |     | 30           | 13-48         |           |
| Nitrobenzene-d5 (%)      |     | 94           | 42-126        |           |
| 2-Fluorobiphenyl (%)     |     | 92           | 44-133        |           |
| 2,4,6-Tribromophenol (%) |     | 110          | 49-144        |           |
| Terphenyl-d14 (%)        |     | 113          | 43-149        |           |

**Dilution Factor** 

1



trubic diream recimology, me. 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 | Rasult       | QC Limits (%) | Qualifier |
|---------------------------|-----------------|--------------|---------------|-----------|
| vinyl chloride            | 10              | Not detected | halts.        | U         |
| 1,1-dichloroethene        | 10              | Not detected |               | U         |
| chloroform                | 10              | Not detected |               | บ         |
| 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

TRESISE STATEM

### 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 |               | Ū         |
| endrin                   | 0.040 | Not detected |               | U         |
| gamma-BHC (Lindane)      | 0.040 | Not detected |               | U         |
| heptachior               | 0.040 | Not detected |               | U         |
| heptachlor epoxide       | 0.040 | Not detected |               | U         |
| methoxychlor             | 0.040 | Not detected |               | U         |
| toxaphene                | 1.000 | Not detected |               | U         |
| Tetrachioro-m-xylene (%) |       | 93           | 72-117        |           |
| Decachlorobiphenyl (%)   |       | 97           | 71-123        |           |

**Dilution Factor** 



### 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                 | MQL   | Result       | QC Limits (%) | Qualifier |
|--------------------------|-------|--------------|---------------|-----------|
| aroclor 1016             | 0.750 | Not detected |               | U         |
| aroclor 1221             | 0.600 | Not detected |               | U         |
| arcclor 1232             | 0.900 | Not detected |               | U         |
| aroclor 1242             | 0.450 | Not detected |               | Ü         |
| 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. Herbleides 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** 



### 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: Solld 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. 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

| WSTID   | Client ID   | Reporting Limit | Result       | Date Analyzed |
|---------|-------------|-----------------|--------------|---------------|
| WT07266 | Surface Tar | 40.0            | Not detected | 07/11/02      |



# 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

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     |



# 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   | ٩F    | 07/10/02      |

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.



# 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      |
|             |                  |                 |        |          |               |



| RELINCUISHED BY:          | 9<br>10<br>REMARKS: | 5<br>6<br>7<br>7 | 1 SUNFACE TAK     | BILL 10: SHAW (2) - 1602  BILL 10: SHAW (2) - 1602  SAMPLER SIGNATURE  SAMPLE SIGNATURE  SAMPLE 10: | CHAIN OF CUSTODY REPORT TO  PAMPAMETICAL FAILL.  2350 CLSUTURU STRIET  13550 CLSUTURU STRIET  13550 CLSUTURU STRIE |
|---------------------------|---------------------|------------------|-------------------|--|--|
| DATE:  1 3 102 TIME: YO   |                     |                  | 7.7.02 HOU SUCH 2 | DATE SAMPLED  TIME OF SAMPLING  SAMPLE TYPE  TOTAL NO. OF CONTAINERS  FULL  ACRA CAMPACI.  PCB  ANALYG   | Waste Stream Technology Inc. 302 Grote Street, Buffalo, NY 14207 (716) 876-5290 • FAX (716) 876-2412  DW DRINKING WATER GW GROUND WATER SW SURFACE WATER ON OIL  |
| TECHNED BY.               |                     |                  |                   | ANALYSES TO BE PERFORMED   | OFFICE USE ONLY  GROUP # 2021-1569  DUE DATE  TURN AROUND TIME: R SO SOIL R SO SOIL R SO SOIL R WAPE OTHER  OTHER  |
| DATE TIME TO TO THE DATE. |                     | •                | wi07266           | TYPE OF CONTAINER OFFICE USE ONLY ONLY WST. ID.  | ARE SPECIAL DETECTION LIMITS REQUIRED: YES NO If yes please attach requirements Is a QC Package required: YES NO If yes please attach requirements   |

## APPENDIX I

## IRM DOCUMENTATION



GENERATOR WASTE PROFILE SHEET

|                                 |  | Waste Pr               | ofile#     |
|---------------------------------|--|------------------------|------------|
| R quested Disposal Facility:    | BFI WSNA NIAGARA   |                        |            |
|                                 | FALLS LANDFILL   |                        |            |
|                                 | an Allied Waste Company  |                        | ,          |
|                                 |  |                        |            |
| I. Generator Informat           | cion   | Date: 08/15/02         |            |
| Conerator Name: Wm Ma           | rfurt Companies  |                        |            |
| Generator Site Address: 2       | 37 Kensington Avenue   |                        |            |
| C :y: Buffalo                   | County: Erie   | State: NY              | Zip: 14215 |
| Generator State ID Numbe        | er:  | SIC Code Number:       |            |
| G nerator Mailing Addres        | ss (if different): 2251 Wehr   | le Drive               |            |
| City: Williamsville             | County: Erie   | State: NY              | Zip: 14221 |
| Ganerator Contact Name:         | Bill Marfurt   |                        |            |
| one Number: 716-631-9           | 922  | Fax Number: 716-631-90 | 37         |
|                                 |  |                        |            |
| Transporter Inform              |  |                        |            |
|                                 | ASTE SYSTEMS OF NO   | RTH AMERICA            |            |
| -ansporter Address: 2321        |  |                        |            |
| :y: KENMORE                     |  | State: NEW YORK        | Zip: 14217 |
| Transporter Contact Name        |  |                        |            |
| one Number: 716-614-3           |  | Fax Number: 716-614-33 | 87         |
| State Transportation Num        | ber: 9A 065  |                        |            |
| Wasta Straam Infor              | mation   |                        |            |
| Name of Waste: Soil conta       |  |                        |            |
| cess Generating Waste           |  |                        |            |
|                                 | USTRIAL PROCESS WASTE  | or POLLUTION CONTRO    | T WASTE    |
| Physical State: $\boxtimes$ SOI |  | POWDER LIQUID          |            |
| sthod of Shipment:              | BULK DRU   |                        | THER:      |
| on on ompinent.                 |  | OS: 10-3C              |            |
| Ertimated Annual Volume         | OTHER:   | COSCOLI TOMO. 109C     |            |
| requency: NONE TIN              |  | EKLY MONTHLY           | OTHER:     |
| recial Handling Instruction     |  |                        |            |
|                                 |  |                        |            |
| V. Representative San           |  |                        |            |
|                                 | to prepare this profile and laboratory<br>A 40 CFR 261.20(c) guidelines or equ |                        | NO         |
| ample Date: 07/03/02            | Type of Sample: $\boxtimes$ CON  |                        | AB SAMPLE  |
| mpler's Employer: Pana          |  | $\wedge$ . A           | 7 1        |
| impler's Name (printed):        |  | Signature/             | erlen      |
|                                 |  |                        |            |



GENERATOR WASTE PROFILE SHEET (continued)

Waste Profile #

|   |  |   |  |   |                                     | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                                |
|---|--|---|--|---|-------------------------------------|---|--------------------------------|
|   |  |   |  |   |                                     |   |                                |
| . Physi   | ical Characteristics   | of Waste  |  |   | وسو                                 |   |                                |
| haracteristic C   |  |   | % by Weigl   | nt (range)  |                                     |   |                                |
| Soil with   | surface tar  |   | 1000   |   |                                     |   |                                |
|   |  |   | 1,0 1  | _   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  | · · · · · · · · · · · · · · · · · · ·                                       |  |   |                                     |   |                                |
| lor:  | Odor (describe):   | Free Liquids:   | % Solids:  | pH:   | Flash P                             |   | Phenol                         |
| rth   | none   | ☐ YES or ⊠ NO   | 100  | 6.71  | ≥200 °I                             | 7                                       |                                |
| /BIK  |  | Content%  | 1/ 1/  | 100   | GI )                                |   | N.D.ppm                        |
|   |  | ory Analytical Repo   | ,  |   |                                     |   |                                |
| an thun mosts a   |  | ing Required Param  |  |   |                                     |   |                                |
| es tius waste of<br>Iordane. Endrir                                       | r generating process contain regu<br>n, Heptachlor (and it epoxides), I  | indane. Methoxychlor T  | ie tottowing Pesti<br>Toxanhene 2.4-D                  | or 2.4 5-TP Sil                                       | DICIDES:                            |   | ES or 🛛 NO                     |
| .ned in 40 CFF  | 261.33?  |   |  |   |                                     |   | CO OF [V] 140                  |
| s this waste or   | r generating process cause it to ex  | xcced OSHA exposure li  | mits from high lev                                     | els of Hydrogen                                       | Sulfide or                          |   | ES or 🛛 NO                     |
|   | e as defined in 40 CFR 261.23?   | CD 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                     | 1 (205   |   | 2 4612                              |   |                                |
|   | ontain regulated concentrations of   |   |  |   |                                     |   | ES or 🛛 NO                     |
|   | ontain regulated concentrations of F-Listed Solvents?  | i listed nazardotis wastes  | defined in 40 CF                                       | K 201.31, 201.3                                       | z, 201.55,                          | □ Y                                     | ES or 🛛 NO                     |
|   | ontain regulated concentrations of   | f 2,3,7,8-Tetrachlorodibe   | enzodioxin (2.3.7.)                                    | 8-TCCD), or any                                       | other dioxin                        |   | EC . 57.10                     |
| lefined in 40 C   | CFR 261.31?  |   |  |   |                                     |   | ES or 🛛 NO                     |
|   | Toxic Material as defined by Fe  |   |  |   |                                     |   | ES or 🛛 NO                     |
|   | Radioactive Waste as defined by  |   |  |   |                                     |   | ES or 🛛 NO                     |
|   | Medical or Infectious Waste as   |   | State regulations                                      | ?   |                                     |   | ES or 🛛 NO                     |
| 11s waste gene  | rated at a Federal Superfund Clea  | in Up Site?   |  |   |                                     | Y.                                      | ES or 🛛 NO                     |
| eposal or attempterial this faciliting from this provided by All THORIZED | disposal. I further certify that pt to deliver for disposal any waity is prohibited from accepting is certification being inaccurate or lied Waste Industries, Inc.  REPRESENTATIVE NAME  REPRESENTATIVE SIGNA | aste which is classified aby law. Our company he runtrue. I further certify | as toxic waste, he ereby agrees to fu that the company | azardous waste<br>lly indemnify th<br>has not altered | or infectious w<br>is disposal faci | aste, or<br>lity againtent of           | any other wa<br>inst any damag |
| Approved  | Waste Decision Rejected  | Expiration:   |  |   |                                     |   |                                |
| Trhhroved   | Refected   | Expiration  |  |   |                                     |   |                                |
| onditions:  |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
|   |  |   |  |   |                                     |   |                                |
| me, Title   |  | Signature   |  | Date  | 2                                   |   |                                |
|   |  | - 5   |  |   |                                     |   |                                |

| NEX!   | CMS - SERVICE   | TICKET HISTORY | 08/29/02  |
|--|---|----------------|---|
| ACCOUNT: 1237155 LO<br>WM MARFURT SITE CONT<br>237 KENSIGNTON AVE<br>BUFFALO, NY 14215<br>(716) 631-9922   |   |                | 00/00 TO DT: 00/00<br>FCO<br>CQPC RTE DAY RTE DAY<br>NY |
| 8/22/02 0100400<br>8/22/02 0100400<br>8/22/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400<br>8/21/02 0100400 | 20.0 1<br>20.0 1<br>20.0 1<br>20.0 1<br>20.0 1<br>20.0 20.0<br>20.0 20.0<br>20.0 1<br>AVG LOAD VOL: |                | SERV TIME DRIVER RTE  75                                |

2251 Wehrle Drive Williamsville. New York 14221



Phone 631-9922 Fax 631-9037

# PURCHASE ORDER/EXTRA WORK:ORDER

|                 | Date:                    |          |
|-----------------|--------------------------|----------|
| Customer Name:  | Panamerican Environmenta | 1. Inc   |
| Job:            | inidad Path              | <i>i</i> |
| Location:       | 137 Kensuatan Au         |          |
|                 | <u> </u>                 |          |
| MACHINE         | WORK PERFORMED           | HOURS    |
|                 | Compactable Fil          |          |
|                 | Latarge Dlant            |          |
|                 | Tubet = 34349 19.39      |          |
|                 | 36368 17.45              |          |
|                 | 36399 17.32              |          |
|                 | 34405 17.10              |          |
|                 | TOTAL DANSE 71.25        | 15 JS    |
|                 | 3,                       |          |
|                 |                          |          |
|                 |                          |          |
| Lieng na        | ENCOLL.                  |          |
| Bobes           | T 863                    |          |
| A lack To       | andean ware o            |          |
|                 | <u> </u>                 |          |
|                 | 35 = REL TON             |          |
|                 | in place Compacted       |          |
|                 | , ,                      | ;        |
|                 |                          |          |
| =NB( 0)/5= 1/11 | TOTAL                    | 2,473.75 |
| EMPLOYEE NAM    |                          |          |
| AUTHORIZED BY   | : <u></u>                |          |

| nt ID/Name:                      |                                    |                              | Weightmaster:                               | ***   |   | Date/Time:   |                            |
|----------------------------------|------------------------------------|------------------------------|---|---|---|--|----------------------------|
| old-To:                          |                                    |                              | Sales Tax:                                  | loh:  |   |  |                            |
|                                  | atternation                        |                              | Jales Tax.                                  | Job:  | Delivery Addres                                 | s/Project Name <del>.</del>  |                            |
|                                  |                                    | -                            |   |   |   |  |                            |
| ্ ্রেল                           | " i. /                             | <i>117</i> ,                 |   |   |   |  |                            |
|                                  | ·                                  |                              |   |   |   |  |                            |
| tomer Order                      | <i>#</i> .                         |                              |   | . ; Mater   | ial Size:                                       |  |                            |
|                                  |                                    |                              |   | Materia   | al Desc.:                                       |  |                            |
|                                  |                                    |                              |   | the same  | , Metric  | Cash Sales Only:   |                            |
| <u>d</u>                         | Loade                              | Tana                         | Gross:                                      | "nites- ", ":   |   | Unit Price:  |                            |
| <u>u</u>                         | Loads                              | Tons                         | Tare:                                       | 14.41   | -11 1   | Price:   |                            |
| k                                |                                    |                              | Tons:                                       | TarT, a   | ·· ,  | Sales Tax:   |                            |
| ·<br>ተ                           |                                    |                              | Tons.                                       |   |   | Total Mati:  |                            |
|                                  |                                    |                              |   |   |   | Total Due:   |                            |
|                                  |                                    |                              |   |   |   | Tendered:  | :                          |
|                                  | ,                                  |                              |   | 7.1 3   |   | Change Due:  |                            |
| d by:                            | -                                  |                              | N   | F. *** *****  |   | Delay Chg: \$  | -                          |
| Driver.                          | 6                                  | J J                          |   | _   |   |  |                            |
| Driver:<br>Subject to Se         | ection 7 of Conditions o           | f Applicable Bill of Ladin   | g. If this shipment is to                   | be delivered to the Consignee   | leceived by: without recourse on the Consignor. | . The Consignor shall sign the following statemer  | t.                         |
| The Camer s                      | shall not make delivery            | of this shipment without     | payment of freight and                      | d all other lawful charges.   | •   |  | -                          |
|                                  |                                    | Lafa:<br>SIGNATURE OF        |   |   |   |  |                            |
|                                  |                                    |                              |   |   |   | AND THE RESERVE OF THE PROPERTY OF THE PROPERT |                            |
| -                                |                                    |                              |   |   |   |  |                            |
| <b>F</b>                         | EARCE                              | •                            |   |   | TRUCK   |  | CONTROL                    |
| NT                               | FARGE                              |                              | · · · · · · · · · · · · · · · · · · ·       |   | TRUCK   |  | CONTROL<br>NUMBER          |
|                                  | FARGE<br>800-244-4174              |                              |   |   | TRUCK   | Q  | NUMBER                     |
| 1-8                              | 800-244-4174                       | -                            | N.  |   | TRUCK   | 8  | CONTROL<br>NUMBER<br>36388 |
| 1-8                              | 800-244-4174 -                     | ·                            | M   | 247   |   |  | NUMBER                     |
| 1-6                              | 800-244-4174 -<br>Januaren<br>Ener | -                            | M   |   |   | Ti   | 36388                      |
| 1-6<br>sion:<br>t ID/Name:       | 800-244-4174 ~<br>                 | ·                            | M   | en de la companione de | · a;  |  | NUMBER                     |
| sion:<br>t ID/Name:<br>Ticket No | 800-244-4174                       | ·                            | NE STREET                                   |   | · a;  | Si - 2   | 36388                      |
| sion:<br>t ID/Name:<br>Ticket No | 800-244-4174 ~<br>                 | gentralis, oa<br>amar agenta | NE STREET                                   |   | · a;  | Single of the second of the se | 36388                      |
| 1-6 sion: t ID/Name: Ticket No   | 800-244-4174                       | gentralis, oa<br>amar agenta | Weightmaster:                               | 10 March 1980 - 10 March 1980 - 1980 | · sti   | Single of the second of the se | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174                       |                              | Weightmaster:                               | 10 March 1980 - 10 March 1980 - 1980 | · sti   | Single of the second of the se | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174                       |                              | Weightmaster:                               | 10 March 1980 - 10 March 1980 - 1980 | · sti   | Single of the second of the se | 36388                      |
| sion: It ID/Name: Ticket No      | 800-244-4174                       |                              | Weightmaster:                               | 10 March 1980 - 10 March 1980 - 1980 | Delivery Address                                | Single of the second of the se | 36388                      |
| sion: It ID/Name: Ticket No      | 800-244-4174 ~                     |                              | Weightmaster:                               | Job:  | Delivery Address                                | Single of the second of the se | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster:                               | Job:  | Delivery Address                                | Single of the second of the se | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster:                               | Job:  | Delivery Address                                | Date/Time:   | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:                    | Job:  | Delivery Address                                | Date/Time:  S/Project Name:  Cash Sales Only:  | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster:                               | Job: Materia  | Delivery Address                                | Date/Time:   | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:                    | Job:  Materia   | Delivery Address  al Size: Metric               | Date/Time:  S/Project Name:  Cash Sales Only:  Unit Price:   | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare:      | Job: Materia  | Delivery Address  all Size: Address  Metric     | Date/Time:  S/Project Name:  Cash Sales Only:  Unit Price:  Price:  Sales Tax:  Total Matt:  | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job:  Materia   | Delivery Address  al Size: Metric               | Date/Time:  S/Project Name:  Cash Sales Only:  Unit Price:  Price: Sales Tax:  | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job:  Materia   | Delivery Address  al Size: Metric               | Cash Sales Only: Unit Price: Price: Sales Tax: Total Matl:   | 36388                      |
| sion: It ID/Name: Ticket No      | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job:  Materia   | Delivery Address  al Size: Metric               | Cash Sales Only: Unit Price: Price: Sales Tax: Total Matl: Haul Chg:   | 36388                      |
| sion: It ID/Name: Ticket No      | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job:  Materia   | Delivery Address lal Size: I Desc.:  Metric     | Cash Sales Only: Unit Price: Price: Sales Tax: Total Matl: Haul Chg: Total Due: Tendered: Change Due:  | 36388                      |
| sion: t ID/Name: Ticket No       | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job: Materia  | Delivery Address lal Size: I Desc.:  Metric     | Cash Sales Only: Unit Price: Price: Sales Tax: Total Matl: Haul Chg: Total Due: Tendered:  | 36388                      |
| sion: It ID/Name: Ticket No      | 800-244-4174 ~                     |                              | Weightmaster: Sales Tax:  Gross: Tare: Net: | Job:  Materia   | Delivery Address lal Size: I Desc.:  Metric     | Cash Sales Only: Unit Price: Price: Sales Tax: Total Matl: Haul Chg: Total Due: Tendered: Change Due:  | 36388                      |