



Jack Eisenbach Engineering, P.C.

291 Genesee Street, Utica, New York 13501-315-735-1818 • Fax 315-735-6365 • E-mail jee@borg.com

November 2, 1999

Mr. Peter Ouderkirk, PE
NYSDEC
317 Washington Street
Watertown, NY 13601

Re: General Cable Site
Rome, New York

Dear Mr. Ouderkirk:

In the course of work completed as part of the Voluntary Remedial Agreement between Charles Gaetano and the NYSDEC, sumps in building #37 of the Rod Mill Parcel were cleaned and removed. Once the concrete covering the sumps was removed, visual contamination was found in the soil adjacent to the sumps. The visually contaminated soil was excavated and stockpiled on site. Soil samples were taken from the side walls of the excavation and from the water in the excavation. The results of this sampling are attached.

Based on the soil and water sampling, JEE is requesting that no further work be completed at the sumps. Please review the results and notify us of your decisions.

Sincerely,

JACK EISENBACH ENGINEERING, P.C.

Thomas W. Julian
Project Engineer

C8514-65

attachments:
sample results

cc: Jack Marsch
Charles Gaetano

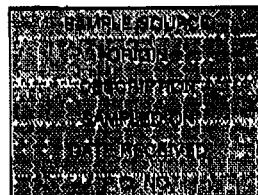


ONE RESEARCH CIRCLE WAVERLY, NY 14892-1632
TELEPHONE (807) 565-8500 FAX (807) 565-4083

DATE 27-OCT-1999

LAB SAMPLE ID L39727-1

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501



GENERAL CABLE 8514
SOIL FROM NORTHERN EXC.
GRAB
11-OCT-99 09:45 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	70.02	%		13-OCT-99	CLP 3.0	97-070-162
EPA 8021						
Benzene	U	ug/kg	12	19-OCT-99	EPA 8021	99-111-2725
Toluene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
Ethylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
p-Xylene/m-Xylene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
o-Xylene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
Isopropylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
n-Propylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
1,3,5-Trimethylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
tert-Butylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
1,2,4-Trimethylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
sec-Butylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
4-Isopropyltoluene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
n-Butylbenzene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
Naphthalene	U	ug/kg	18	19-OCT-99	EPA 8021	99-111-2725
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	89	19-OCT-99	EPA 8021	99-111-2725
Surrogate Recovery:						
PiB - Chlorofluorobenzene	77	%				99-111-2725
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
Naphthalene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Acenaphthylene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Acenaphthene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Fluorene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Phenanthrene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Anthracene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Fluoranthene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Pyrene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Benzo(a)anthracene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Chrysene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Benzo(b)fluoranthene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Benzo(k)fluoranthene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Benzo(a)pyrene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Indeno(1,2,3-cd)pyrene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Dibenzo(a,h)anthracene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496

Page 1

QO *RF* NY 10252 NJ 78188 PA 88180 EPA NY 00033

Approved by:

John R. Ruhnke
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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"Our family, caring about your analytical needs... Since 1963."



ONE RESEARCH CIRCLE WAVERLY, NY 14892-1582
TELEPHONE (607) 565-8500 FAX (607) 565-4082

DATE 27-OCT-1999

LAB SAMPLE ID : L39727-1

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501

GENERAL CABLE 8514
SOIL FROM NORTHERN EXC.
GRAB
11-OCT-99 09:45 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	360	26-OCT-99	EPA 8270	98-051-9496
Extraction Information:				25-OCT-99		99-137-70
Surrogate Recovery:						
Nitrobenzene-d5	75	%				98-051-9496
2-Fluorobiphenyl	77	%				98-051-9496
Terphenyl-d14	76	%				98-051-9496
Analysis Comment: Results Calculated on a dry weight basis.						

Page 2

QC NY 10252 NJ 73165 PA 88180 EPA NY 00033

Approved by:

Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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11/02/99 TUE 10:51 FAX 315 735 6365
FRIEND LAB INC
Fax: 607-565-2445
OCT 28 1999 11:40 P.03
EISENBACH ENGINEERING



ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 665-8500 FAX (607) 665-4083

DATE 27-OCT-1999

LAB SAMPLE ID : L39727-3

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501

GENERAL CABLE 8514
SOIL FROM SOUTHERN EXC.
GRAB
11-OCT-99 10:15 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	71.06	%		13-OCT-99	CLP 3.0	97-070-162
EPA 8021						
Benzene	U	ug/kg	12	20-OCT-99	EPA 8021	99-111-2727
Toluene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
Ethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
p-Xylene/m-Xylene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
o-Xylene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
Isopropylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
n-Propylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
1,3,5-Trimethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
tert-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
1,2,4-Trimethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
sec-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
4-Isopropyltoluene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
n-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
Naphthalene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2727
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	85	20-OCT-99	EPA 8021	99-111-2727
Surrogate Recovery:						
PID - Chlorofluorobenzene	79	%				99-111-2727
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
Naphthalene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Acenaphthylene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Acenaphthene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Fluorene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Phenanthrene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Anthracene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Fluoranthene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Pyrene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Benzo(a)anthracene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Chrysene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Benzo(b)fluoranthene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Benzo(k)fluoranthene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Benzo(a)pyrene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Indeno(1,2,3-cd)pyrene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Dibenzo(a,h)anthracene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495

Page 1

QC ✓ NY 10252 NJ 73185 PA 66180 EPA NY 00093

Approved by: [Signature]
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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11/02/99 TUE 10:53 FAX 315 735 6365
FRIEND LAB INC
EISENBACH ENGINEERING
Fax: 607-565-2445
P.O. Box 11:41

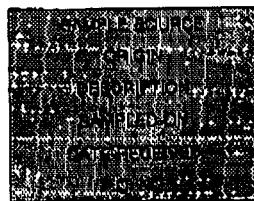


ONE RESEARCH CIRCLE WAVERLY, NY 14892-1582
TELEPHONE (807) 565-8500 FAX (807) 565-4088

DATE 27-OCT-1999

LAB SAMPLE ID L39727-3

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501



GENERAL CABLE 8514
SOIL FROM SOUTHERN EXC.
GRAB
11-OCT-99 10:15 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	350	26-OCT-99	EPA 8270	98-051-9495
Extraction Information:				25-OCT-99		99-137-70
Surrogate Recovery:						
Nitrobenzene-d5	73	%				98-051-9495
Z-Fluorobiphenyl	75	%				98-051-9495
Terphenyl-d14	72	%				98-051-9495
Analysis Comment: Results Calculated on a dry weight basis.						

Page 2

QC AW NY 10252 NJ 73168 PA 68180 EPA NY 00093

Approved by:

John R. Ruhnke
Lab Director

KEY: ND or U = None Detected < = less than
mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank

ug/L = micrograms per liter (equivalent to parts per billion)
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P. 07

Oct 28 1999 11:41

Fax: 607-565-2445

FRIEND LAB INC

11/02/99 10:54 FAX 315 735 6965



ONE RESEARCH CIRCLE WAVERLY, NY 14892-1582
TELEPHONE (807) 585-8500 FAX (807) 585-4088

DATE 27-OCT-1999

LAB SAMPLE ID :L39727-4

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501

GENERAL CABLE 8514
GW FROM NORTHERN EXC. W-1
GRAB
11-OCT-99 10:30 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Benzene	U	ug/l	0.7	20-OCT-99	EPA 8021	99-111-2728
Toluene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
Ethylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
p-Xylene/m-Xylene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
o-Xylene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
Isopropylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
n-Propylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
1,3,5-Trimethylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
tert-Butylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
1,2,4-Trimethylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
sec-Butylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
4-Isopropyltoluene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
n-Butylbenzene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
Naphthalene	U	ug/l	1	20-OCT-99	EPA 8021	99-111-2728
Methyl-tert-butyl-ether (MTBE)	U	ug/l	5	20-OCT-99	EPA 8021	99-111-2728
Surrogate Recovery:						
PID - Chlorofluorobenzene	84	%				99-111-2728
EPA 8270						
Naphthalene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Acenaphthylene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Acenaphthene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Fluorene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Phenanthrene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Anthracene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Fluoranthene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Pyrene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Benzo(a)anthracene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Chrysene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Benzo(b)fluoranthene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Benzo(k)fluoranthene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Benzo(a)pyrene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Indeno(1,2,3-cd)pyrene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Dibenzo(a,h)anthracene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957
Benzo(g,h,i)perylene	U	ug/l	5	22-OCT-99	EPA 8270	97-186-12957

Page 1

QC *LF* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John R. Runk*

Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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"Our family, caring about your analytical needs... Since 1963."

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

FRIEND LAB INC

Fax:607-565-2445

Oct 28 1999 11:43

P.11

CUSTOMER CODE #

FLI
FRIEND
LABORATORY
I. H. C.

ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565 7100

Sample Site GENERAL CABLE

P.O.#

Unreated
Sodium thiosulfate
HCl pH 12
Ascorbic acid & HCl pH 12
HNO₃ pH 12
H₂SO₄ pH 12
NaOH pH 12
NaOH & Zinc acetate pH 12
Acetic Buffer pH 4
Sodium nitrate

CLIENT: JACK ELEN BACH ENG
ADDRESS: 291 GENESEE ST
UTICA, NY 13501
PHONE: (716) 345-1916 (315) 331-6365
FAX:

INVOICE TO:
ADDRESS:

PROJECT NO. / NAME
8514 General Cable

COPY TO:
ADDRESS:

139727

NUMBER OF CONTAINERS

ANALYSES / TESTS REQUIRED

EPA 8021 & 8270 IN STARS
NYSDEC ASP APPENDIX B
DELIVERABLES

SOIL FROM NORTHEAST
EXCAVATION (N)

10/11/99
9:45 AM

SOIL FROM SOUTHERN
EXCAVATION,
WEST WALL (SW)

10/11/99
10:00 AM

SOIL FROM SOUTHERN
EXCAVATION (S)

10/11/99
10:15 AM

GROUND WATER
FROM NORTHERN
EXCAVATION (W-1, 2, 3)

10/11/99
10:30 AM

TRANSFERS BY

SAMPLER
Thomas Julian

10/12/99
11:40
Lond Jmo

8.8 temp as measured

SUSPECTED CONTAMINATION LEVEL

(NONE) SLIGHT MODERATE HIGH (please circle)

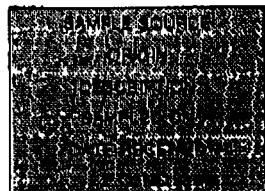


ONE RESEARCH CIRCLE WAVERLY, NY 14892-1582
TELEPHONE (807) 565-8500 FAX (807) 565-4088

DATE 27-OCT-1999

LAB SAMPLE ID L39727-5

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501



FRIEND LABORATORY, INC.
95-045-90-5
TRIP BLANK
11-OCT-99 00:00 by FLI/BB
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Benzene	U	ug/L	0.7	14-OCT-99	EPA 8021	99-111-2693
Toluene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
Ethylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
p-Xylene/m-Xylene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
o-Xylene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
Isopropylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
n-Propylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
1,3,5-Trimethylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
tert-Butylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
1,2,4-Trimethylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
sec-Butylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
4-Isopropyltoluene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
n-Butylbenzene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
Naphthalene	U	ug/L	1	14-OCT-99	EPA 8021	99-111-2693
Methyl-tert-butyl-ether (MTBE)	U	ug/L	5	14-OCT-99	EPA 8021	99-111-2693
Surrogate Recovery:						
PID - Chlorofluorobenzene	77	%				99-111-2693

Page 1

QC Re NY 10252 NJ 73168 PA 88180 EPA NY 00033

Approved by:

Lab Director

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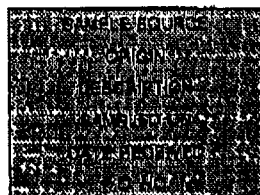


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TELEPHONE (607) 565-3500 FAX (607) 565-4083

DATE 27-OCT-1999

LAB SAMPLE ID L39727-4

Jack Eisenbach Engineering, P.C.
Mark Ruhnke
291 Genesee Street
Utica, NY 13501



GENERAL CABLE 8514
GW FROM NORTHERN EXC. W-1
GRAB
11-OCT-99 10:30 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
<u>Extraction Information:</u>				18-OCT-99		99-137-67
Surrogate Recovery:						
Nitrobenzene-d5	74	X				97-186-12957
2-Fluorobiphenyl	73	X				97-186-12957
Terphenyl-d14	91	X				97-186-12957

Page 2

QC *RF* NY 10282 NJ 73166 PA 68180 EPA NY 00033

Approved by: *John R. Runk*

Lab Director

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mg/L = milligrams per liter (equivalent to parts per million)
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6:09 PM Oct 28 1999

Fax: 607-565-2445

FRIEND LAB INC



ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4088

DATE 27-OCT-1999

LAB SAMPLE ID : L39727-2

Jack Eisenbach Engineering, P.C.
Mark Ruhne
291 Genesee Street
Utica, NY 13501

GENERAL CABLE 8514
SOIL FROM S. EXC. W. WALL
GRAB
11-OCT-99 10:00 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	74.33	X		13-OCT-99	CLP 3.0	97-070-162
EPA 8021						
Benzene	U	ug/kg	12	20-OCT-99	EPA 8021	99-111-2726
Toluene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
Ethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
p-Xylene/m-Xylene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
o-Xylene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
Isopropylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
n-Propylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
1,3,5-Trimethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
tert-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
1,2,4-Trimethylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
sec-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
4-Isopropyltoluene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
n-Butylbenzene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
Naphthalene	U	ug/kg	17	20-OCT-99	EPA 8021	99-111-2726
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	83	20-OCT-99	EPA 8021	99-111-2726
Surrogate Recovery:						
PID - Chlorofluorobenzene	82	X				99-111-2726
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
Naphthalene	U	ug/kg	330	26-OCT-99	EPA 8270	98-051-9497
Acenaphthylene	U	ug/kg	330	26-OCT-99	EPA 8270	98-051-9497
Acenaphthene	U	ug/kg	330	26-OCT-99	EPA 8270	98-051-9497
Fluorene	U	ug/kg	330	26-OCT-99	EPA 8270	98-051-9497
Phenanthrene	1000 >	230 J	5000 330	26-OCT-99	EPA 8270	98-051-9497
Anthracene	U	ug/kg	330	26-OCT-99	EPA 8270	98-051-9497
Fluoranthene	1000 >	1700	330	26-OCT-99	EPA 8270	98-051-9497
Pyrene	1000 >	1800	330	26-OCT-99	EPA 8270	98-051-9497
Benzo(a)anthracene	0.04 <	1100	330	26-OCT-99	EPA 8270	98-051-9497
Chrysene	0.04 <	950	330	26-OCT-99	EPA 8270	98-051-9497
Benzo(b)fluoranthene	0.04 <	1100	330	26-OCT-99	EPA 8270	98-051-9497
Benzo(k)fluoranthene	0.04 <	570	330	26-OCT-99	EPA 8270	98-051-9497
Benzo(a)pyrene	0.04 <	930	330	26-OCT-99	EPA 8270	98-051-9497
Indeno(1,2,3-cd)pyrene	0.04 <	810	330	26-OCT-99	EPA 8270	98-051-9497
Dibenzo(a,h)anthracene	100 >	190 J	330	26-OCT-99	EPA 8270	98-051-9497

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QC Ref NY 10252 NJ 73188 PA 65180 EPA NY 00033

Approved by: [Signature]
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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.

"Our family, caring about your analytical needs... Since 1963."



ONE RESEARCH CIRCLE WAVERLY, NY 14892-1832
TELEPHONE (807) 565-3500 FAX (807) 565-4083

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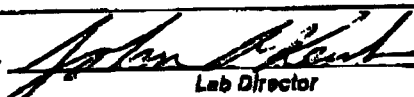
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SOIL FROM S. EXC. W. WALL
GRAB
11-OCT-99 10:00 by CLIENT
12-OCT-99 11:40
N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(a,h,i)perylene	04	500	ug/kg	24-OCT-99	EPA 8270	98-051-9497
Extraction Information:				25-OCT-99		99-137-70
Surrogate Recovery:						
Nitrobenzene-d5	66	X				98-051-9497
2-Fluorobiphenyl	68	X				98-051-9497
Terphenyl-d14	87	X				98-051-9497
Analysis Comments: Results Calculated on a dry weight basis.						

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QC RF NY 10252 NJ 73158 PA 88180 EPA NY 00033

Approved by: 

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11/02/99 FOR 10:32 FAX 513 733 8383
FRIEND LAB INC
Fax: 607-565-2445
Oct 28 1999 11:40 P.O.B