SHIFRIN & ASSOCIATES
Environmental Engineers

January 19, 2006

Mr. Allan N. Geisendorfer, P.E., Regional Spills Engineer
New York State Department of Environmental Conservation
Office of Environmental Quality - Region 4
1150 North Westcott Road
Schenectady, New York 12306-2014

Re: Spills #87-02376
Stratus (Tenneco)
Green Island (V), Albany County

Dear Allan:

In accordance with our previous submittal and your comments and approval, we have installed five (5) groundwater monitoring wells on the subject site (see Figure No. 1) and measured the depth to groundwater and/or product in these wells and the seven (7) monitoring wells previously installed by others.

Field Investigations.

On December 6, 2005, a representative of Shifrin & Associates, Inc., Randy Spencer, mobilized on the site with a drilling crew from Aquifer Drilling & Testing, Inc. ("ADT") of Troy, New York to conduct the investigations. ADT furnished a truck mounted rotary drilling rig (B-59) to advance the soil borings.

Five (5) soil borings were advanced on the subject properties at the locations shown on Figure No. 1. The locations of these soil borings were chosen based upon your request and the conditions in the field.

The bore holes were advanced using the rotary drilling rig with 4.25-inch I. D. hollow stem soil augers. Undisturbed soil samples were obtained ahead of the augers, using a 2-inch diameter split spoon sampler. The sampler and all downhole tooling were decontaminated by washing them in an Alconox® and water solution and then rinsing with tap water between samples.

The types of soils encountered and any observations of contamination, such as unusual color and/or odor, were noted. This information is presented on boring logs, which are attached as Exhibit

I. In addition, the soils were screened for the presence of volatile organic compounds using a photoionization detector ("PID"). The screening was conducted by placing a portion of each soil sample obtained into an air tight plastic bag. The bags were allowed to warm to about 65 - 70° F in a heated vehicle. The measuring probe of the PID was then inserted into the head space of the bag and the reading recorded. These PID readings also are presented on the boring logs.

Each boring was advanced to a depth of 30-feet below the ground surface ("bgs"). Soil samples from each boring were collected, as indicated in our work plan, from the depth with the greatest indication of hydrocarbon contamination and submitted to a laboratory for analysis for volatile and semi-volatile organic contaminants.

Each soil sample was placed in a laboratory furnished clean glass jar. The jars were closed and sealed with lids having a Teflon® liner, labeled and marked and placed in a pre-chilled iced cooler for preservation and transport to the laboratory. The samples and the cooler were delivered to Adirondack Environmental Services, Inc. ("Adirondack") in Albany, New York using a chain of custody procedure. The laboratory was instructed to analyze each of the samples for the above contaminants using U.S. Environmental Protection Agency Publication SW-846 Methods 8260B and 8270C.

2-inch diameter groundwater monitoring wells were installed in each bore hole. The wells were installed using 20-feet of 0.010-inch slotted 2-inch diameter PVC screen with a solid 2-inch diameter PVC riser pipe to near the surface. An expandable cap with a padlock was placed in the top of each riser pipe. Industrial quartz sand was used to fill the annular space around the screens and to a depth 8-feet above the top of each screen. A seal of bentonite chips, which were hydrated, was placed to within about 6-inches of the top of the riser pipe. The wells were completed by installing flush mounted well protectors set in concrete. The auger cuttings were placed in 55-gallon steel drums until such time as proper disposal could be arranged. Well completion diagrams are included as Exhibit II.

Results of Investigations.

The results of the analyses of the soil samples are presented in the December 20, 2005 Adirondack report, a copy of which is attached as Exhibit III. These results are tabulated in Table No. 1. Only those volatile or semi-volatile organic compounds found to be present in any one (1) sample at concentrations greater than the laboratory detection limit are included in the table. Also included in the table, for comparative purposes, are respective soil cleanup objectives from the New York Department of Environmental Conservation "Technical and Administrative Guidance Memorandum #4046 - Determination of Soil Cleanup Objectives and Cleanup Levels". Review of these data show that the concentrations of contaminants present in the soils are less than the cleanup

objectives with the exception of chrysene. The chrysene concentration in the soil samples obtained from the borings for monitoring wells MW-9 and MW-11, both at a depth of 28 - 30-feet below ground surface exceed the cleanup criteria. The concentration in the sample from MW-9 had a concentration of 0.74 mg/kg or 0.34 mg/kg greater than the cleanup objective; MW-11 0.420 mg/kg or 0.020 above the cleanup objective. Based upon the depth of these samples and the nature of the chemical present, it is our opinion that natural attenuation will, in time, reduce these concentrations to acceptable levels.

Using an interface/product electronic probe, the depth to product and/or water was measured in each well on December 8, 2005. These data are presented in Table No. 2. The wells were developed on December 8, 2005 by removing three (3) standing volumes of water. This water was placed in steel drums for future characterization and proper off-site disposal.

As previously indicated, the product/water surface in the wells will be monitored for two (2) additional quarters by terminal personnel. At that time, if there is no free product present, a groundwater sampling event will be conducted. This sampling event will be scheduled to coincide with the annual MOSF sampling.

If you have any questions or need further information, please advise.

Sincerely yours,
SHIFRIN & ASSOCIATES, INC.

Walter G. Shifrin, P.E., President

WGS:mkh
Enclosure

cc: Mr. Ken Fenton
Mr. Loyal Newell

WELL LOCATION TABLE

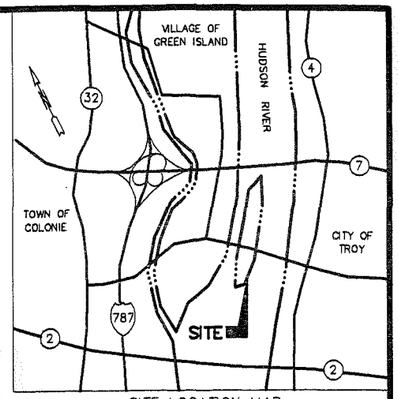
MONITORING WELL ID.	ELEVATION AT TOP OF PVC PIPE
MW-1	126.15
MW-2	130.43
MW-3	128.79
MW-4	130.19
MW-5	126.19
MW-6	128.79
MW-7	128.83
MONITORING WELL ID.	ELEVATION AT TOP OF FRAME
MW-8	129.03
MW-9	128.96
MW-10	129.13
MW-11	128.34
MW-12	127.94
OBSERVATION WELL ID.	ELEVATION AT TOP OF COVER
OW-A	127.23
OW-B	126.95
OW-C	131.72

LEGEND

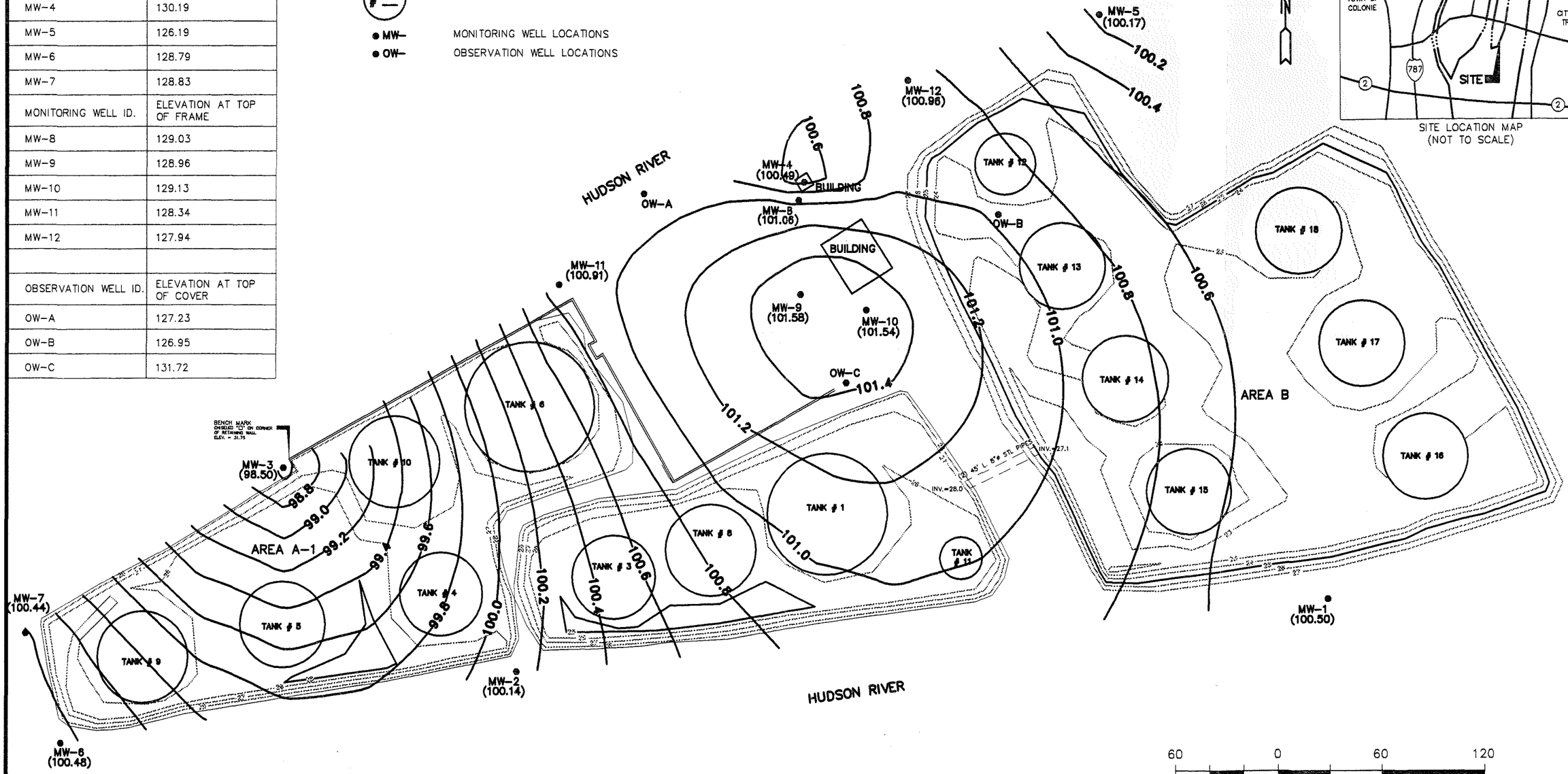
- 101.2 — GROUNDWATER FLOW CONTOUR (0.2' INTERVAL)
- CONC. RETAINING WALL
- SURFACE ELEVATION CONTOUR (1 FT. INTERVAL)
- SURFACE ELEVATION POINT
- TANK # — STORAGE TANK
- ● MW- MONITORING WELL LOCATIONS
- ● OW- OBSERVATION WELL LOCATIONS

MAP REFERENCES

1) MAP ENTITLED "MAP OF CONTAINMENT DIKES, STRATUS PETROLIUM, GREEN ISLAND TERMINAL" PREPARED BY CLOUGH, HARBOUR & ASSOCIATES, LLP., DATED 9/30/1998.
2) SURVEY ELEVATION UPDATE BASED ON FIELD SURVEY PREFORMED 11/2003 BY G.R. THIBAULT, L.S., 103 McKOWN RD. WEST, ALBANY N.Y.
3) ELEVATIONS BASED ON NGVD.
4) MONITORING WELLS AND OBSERVATION WELLS LOCATED IN FIELD ON 12/12/2005 BY G.R. THIBAULT.



SITE LOCATION MAP
(NOT TO SCALE)



60 0 60 120

SCALE: 1"=60'

BASE MAP SOURCE: H.V. LABARBA & ASSOCIATES "MONITORING & OBSERVATION WELL LOCATION MAP"

1 INCH = 60 FEET	FIGURE 1	GROUNDWATER CONTOURS
DECEMBER 6, 2005	SHIFRIN & ASSOCIATES, inc. Environmental Engineers 230 S. Bemiston • Suite 305 • St. Louis, MO 63105	APEX PETROLEUM FUEL & TERMINAL COMPANY
		GREEN ISLAND ALBANY COUNTY, NEW YORK

TABLE NO. 1
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
PETROLEUM FUEL AND TERMINAL COMPANY
GREEN ISLAND, NEW YORK

December 6 and 7, 2005

ANALYTES	MW-8	MW-9	MW-10	MW-11	MW-12	CLEANUP OBJECTIVES
	26' - 28'	28' - 30'	24' - 26'	28' - 30'	28' - 30'	
VOLATILE ORGANIC COMPOUNDS[1]						
Methylene chloride	0.008	<0.050	<0.050	0.920	0.006	0.1
Acetone	0.020	0.110	0.130	1.200	0.015	0.2
Chloroform	0.005	<0.050	<0.050	<0.500	<0.005	0.3
Cyclohexane	<0.010	<0.100	<0.100	4.500	<0.010	N/A
Methyl cyclohexane	0.008	0.190	0.060	16.000	<0.005	N/A
Isopropylbenzene	<0.005	<0.050	<0.050	1.600	<0.005	N/A
1,2,4-Trichlorobenzene	<0.005	<0.050	<0.050	0.550	0.007	3.4
SEMI-VOLATILE ORGANIC COMPOUNDS[2]						
Acenaphthene	<0.330	0.920	<0.330	1.600	<0.330	50.0
Dibenzofuran	<0.330	0.720	<0.320	1.700	<0.330	6.2
Fluorene	<0.330	1.900	0.520	3.600	<0.330	50.0
Phenanthrene	0.360	5.500	1.400	6.300	0.730	50.0
Anthracene	<0.330	1.400	1.400	1.700	<0.330	50.0
Fluoranthene	<0.330	<0.330	<0.330	0.860	0.810	50.0
Pyrene	<0.330	1.000	<0.330	1.200	0.590	50.0
Chrysene	<0.330	**0.740**	<0.330	**0.420**	<0.330	0.4

NOTES:

- All concentrations are expressed as mg/kg arts per million ("ppm")
- Cleanup Objectives = New York Department of Environmental Conservation Technical and Administrative Guidance Memorandum #4046 - Determination of Soil Cleanup Objectives and Cleanup Levels
- 1 = Total VOCs < 10 ppm
- 2 = Total VOCs < 500 ppm

TABLE NO. 2

GROUNDWATER MEASUREMENTS

PETROLEUM FUEL AND TERMINAL COMPANY

GREEN ISLAND, NEW YORK

December 6, 2005

LOCATION	TOP OF CASING ELEVATION	DEPTH TO BOTTOM OF WELL (feet)	DEPTH TO PRODUCT (feet)	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	GROUNDWATER ELEVATION
MW-1	126.15	34.90	N/A	25.65	0.00	100.50
MW-2	130.43	38.45	N/A	30.29	0.00	100.14
MW-3	128.79	38.21	N/A	30.29	0.00	98.50
MW-4	130.19	35.14	29.69	29.74	**0.05**	100.49[2]
MW-5	126.19	34.98	26.01	26.04	**0.03**	100.17[2]
MW-6	128.79	37.13	N/A	28.31	0.00	100.48
MW-7	128.83	32.48	N/A	28.39	0.00	100.44
MW-8	129.03	29.57	N/A	27.97	0.00[1]	101.06
MW-9	128.96	29.61	N/A	27.38	0.00[1]	101.58
MW-10	129.13	29.72	N/A	27.59	0.00	101.54
MW-11	128.34	29.90	27.37	27.58	**0.21**	100.91[2]
MW-12	127.94	29.76	26.95	27.05	**0.10**	100.96[2]

NOTES:

- Monitoring wells MW-1 through MW-7 are 4-inch diameter
- Monitoring wells MW-8 through MW-12 are 2-inch diameter
- 1 = oily sheen on water, not measurable thickness
- 2 = adjusted for product thickness and density

EXHIBIT I

LOG OF SOIL BORINGS
Green Island, New York
December 6, 2005

MW-8

Depth in Ft.	Type of Soil	Recovery	Description	PID
0.0 - 4.0	0"-3" topsoil 3"-2' Brown silty soils with debris 2'-4' Gravel, bricks, concrete	100%	No odor	0.0
4.0 - 8.0	Gravel, bricks, concrete	20%	No odor	0.0
8.0 - 12.0	Gravel, bricks, concrete	20%	No odor	0.0
12.0 - 15.0	Gravel, bricks, concrete	20%	No odor	0.0
15.0 - 17.0	Brown, silty, mildly moist soils	20%	No odor	0.0
17.0 - 20.0	Brown, silty, mildly moist soils	20%	No odor	0.0
20.0 - 22.0	Brown, silty, mildly moist soils	5%	No odor	0.0
22.0 - 24.0	No recovery	N/A	N/A	N/A
24.0 - 26.0	Dark, soft, silty, moist, mildly sandy clay	100%	Mild petroleum odor	13.6
26.0 - 28.0*	Gray, soft, sandy, silty, wet soils	80%	Mild petroleum odor	168.0
28.0 - 30.0	No recovery	N/A	N/A	N/A

NOTES:

* Soil sample location

LOG OF SOIL BORINGS
Green Island, New York
December 6, 2005

MW-9

Depth in Ft.	Type of Soil	Recovery	Description	PID
0.0 - 4.0	0"-2" Asphalt 2"- 5' Dark Brown, silty soils with debris, brick, gravel and fill	100%	No odor	0.0
4.0 - 8.0	Dark Brown, silty soils with debris, brick, gravel and fill	20%	No odor	0.0
8.0 - 10.0	Dark Brown, silty soils with debris, brick, gravel, brick and fill	0%	No odor	0.0
12.0 - 12.0	Dark brown, silty clay with debris, brick, gravel and fill	20%	Very mild petroleum odor	0.0
12.0 - 14.0	Brown, gray, soft, silty, mildly moist clay with debris	100%	Mild petroleum odor	13.0
14.0 - 17.0	Gray, brown, soft, silty, mildly moist clay with debris	100%	Mild petroleum odor	13.0
17.0 - 19.0	Gray, brown, soft, silty, mildly moist clay with debris	100%	Mild petroleum odor	13.0
19.0 - 20.0	Gray, brown, soft, silty, mildly moist clay with debris and brick	0%	Mild petroleum odor	13.0
20.0 - 22.0	Dark gray, sand, mildly moist clay	80%	Petroleum odor	13.0
22.0 - 24.0	Dark gray, sand, mildly moist clay	80%	Petroleum odor	13.0
24.0 - 26.0	No Recovery	N/A	N/A	N/A
26.0 - 28.0	Gray, soft, wet, sandy clay	10%	Petroleum odor	140.0
28.0 - 30.0*	Gray, soft, wet, sandy clay	30%	Petroleum odor	150.0

NOTES:

* Soil sample location

LOG OF SOIL BORINGS
Green Island, New York
December 6, 2005

MW-10

Depth in Ft.	Type of Soil	Recovery	Description	PID
0.0 - 4.0	0"-3" Asphalt 3"- 5' Dark brown, silty soils with debris, brick, rock and fill	100%	No odor	0.0
4.0 - 8.0	Dark brown, silty soils with debris, brick, rock and fill	5%	No odor	0.0
8.0 - 10.0	Dark brown, silty soils with debris, brick, rock and fill	5%	No odor	0.0
10.0 - 11.0	No recovery Augured to 11'	0%	No odor	0.0
11.0 - 12.0	Dark brown, mildly moist, silty soils with debris, brick and grave	80%	No odor	0.0
12.0 - 15.0	Dark brown, mildly moist, silty soils with debris, brick and grave	80%	No odor	13.0
15.0 - 17.0	Dark brown, silty soils with debris and brick	20%	Mild hydrocarbon odor	13.0
17.0 - 18.0	No Recovery, Augend to 18'	N/A	N/A	N/A
18.0 - 20.0	Dar, brown, gray, silty soils with debris	80%	Mils hydrocarbon odor	13.0
20.0 - 22.0	Dark gray sandy clay	80%	Hydrocarbon odor	13.0
22.0 - 24.0	Dark gray sandy clay	80%	Hydrocarbon odor	13.0
24.0 - 26.0*	Dark gray sandy clay	80%	Petroleum odor	114.0
26.0 - 28.0	Dark gray sandy wet clay	80%	Petroleum odor	100.0
28.0 - 30.0	Dark gray sandy wet clay	80%	Petroleum odor	100.0

NOTES:

* Soil sample location

LOG OF SOIL BORINGS
Green Island, New York
December 6, 2005

MW-11

Depth in Ft.	Type of Soil	Recovery	Description	PID
0.0 - 4.0	0"-3" Asphalt 3"- 5' Brown soils with debris, brick and gravel	100%	No odor	0.0
4.0 - 8.0	Dark brown silty with debris and brick	5%	No odor	0.0
8.0 - 10.0	No recovery, augured to 10'	N/A	N/A	N/A
10.0 - 12.0	Dark brown soils with debris	5%	No odor	0.0
12.0 - 15.0	No recovery, augured to 15'	N/A	N/A	N/A
15.0 - 17.0	Dark brown soils with debris and brick	5%	No odor	0.0
17.0 - 20.0	No recovery, augured to 20'	N/A	N/A	N/A
20.0 - 24.0	Dark brown soils with debris	5%	No odor	0.0
24.0 - 26.0	N recovery, augured to 26'	N/A	N/A	N/A
26.0 - 28.0	Dark gray, sandy, moist clay	80%	Petroleum odor	204.0
28.0 - 30.0*	Dark gray, sandy, very wet clay	50%	Petroleum odor	222.0

NOTES:

* Soil sample location

LOG OF SOIL BORINGS
Green Island, New York
December 6, 2005

MW-12

Depth in Ft.	Type of Soil	Recovery	Description	PID
0.0 - 5.0	Dark brown soils with debris and brick	100%	No odor	0.0
5.0 - 8.0	Dark brown soils with debris and brick	5%	No odor	0.0
8.0 - 10.0	No recovery, augured to 10'	N/A	N/A	N/A
10.0 - 12.0	Brown soils with debris, bricks and gravel	5%	No odor	13.0
12.0 - 15.0	No recovery, augured to 15'	N/A	N/A	N/A
15.0 - 17.0	Dark brown soils with debris and brick	5%	No odor	22.0
17.0 - 20.0	No recovery, augured to 20'	N/A	N/A	N/A
20.0 - 22.0	Dark brown soils with debris, brick and gravel	20%	Mild petroleum odor	22.0
22.0 - 24.0	No recovery, augured to 24'	N/A	N/A	N/A
24.0 - 26.0	Dark brown moist soils with debris and gravel	20%	Very mild petroleum odor	13.0
26.0 - 28.0	No Recovery augured to 28'	N/A	N/A	N/A
28.0 - 30.0*	Dark gray wet sandy soils	80%	Mild petroleum odor	31.0

NOTES:

* Soil sample location

EXHIBIT II

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____
Site Name: Green Island, New York
Drilling Contractor: Roberts Environmental Drilling
Driller: _____
Drilling Method: 4 1/4" Hollow Stem Auger

Well No.: MW - 8
Date Drilled Start: 12/06/05
Date Completed: 12/06/05
Geologist: _____
Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

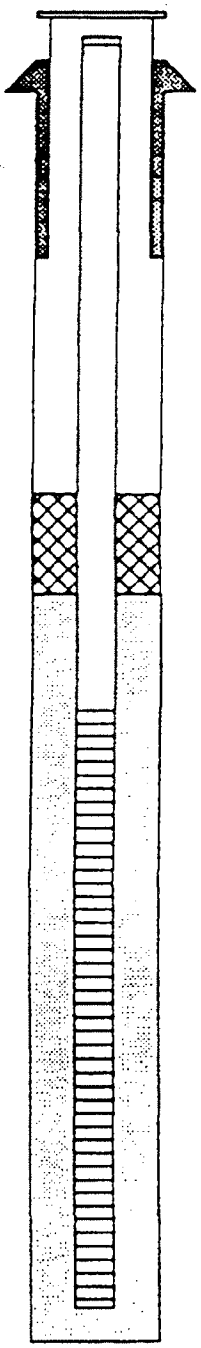
Measurements

to .01 ft (where applicable)

Riser pipe length	9.57
Screen length	20.0'
Screen slot size	0.010
Protective casing length	
Depth to water	27.97
Elevation of water	
Free Product thickness	
Gallons removed (develop)	0.5 gallon
Gallons removed (purge)	
Other	

Completed by: Shifrin & Associates, Inc.

Elevations - .01 ft.



_____ Top of Protective Casing
129.03 Top of Riser Pipe
_____ Ground Surface
128.53 Top of Annular Sealant
_____ Casing Stickup

128.53 Top of Seal
7.57 Total Seal Interval
120.96 Top of Sand

118.96 Top of Screen

20' Total Screen Interval

98.96 Bottom of Screen
_____ Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____
Well No.: MW - 9
Site Name: Green Island, New York
Date Drilled Start: 12/06/05
Drilling Contractor: Roberts Environmental Drilling
Date Completed: 12/06/05
Driller: _____
Geologist: _____
Drilling Method: 4 1/4" Hollow Stem Auger
Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Chips
Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

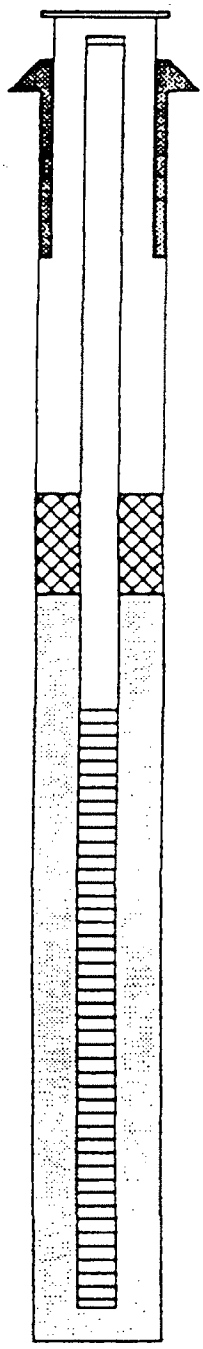
Measurements

to .01 ft (where applicable)

Riser pipe length	9.61
Screen length	20.0'
Screen slot size	0.010
Protective casing length	
Depth to water	27.39
Elevation of water	
Free Product thickness	
Gallons removed (develop)	0 .75 gallon
Gallons removed (purge)	
Other	

Completed by: Shifrin & Associates, Inc.

Elevations - .01 ft.



_____ Top of Protective Casing
128.96 Top of Riser Pipe
_____ Ground Surface
128.46 Top of Annular Sealant
_____ Casing Stickup

128.46 Top of Seal
7.61 Total Seal Interval
120.85 Top of Sand

118.85 Top of Screen

20' Total Screen Interval

98.85 Bottom of Screen
_____ Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____
Site Name: Green Island, New York
Drilling Contractor: Roberts Environmental Drilling
Driller: _____
Drilling Method: 4 1/4" Hollow Stem Auger

Well No.: MW - 10
Date Drilled Start: 12/06/05
Date Completed: 12/06/05
Geologist: _____
Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

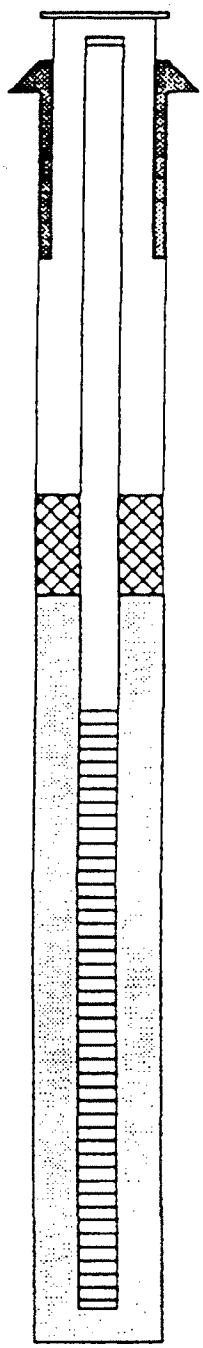
Measurements

to .01 ft (where applicable)

Riser pipe length	9.72
Screen length	20.0'
Screen slot size	0.010
Protective casing length	
Depth to water	27.59
Elevation of water	
Free Product thickness	
Gallons removed (develop)	1 gallon
Gallons removed (purge)	
Other	

Completed by: Shifrin & Associates, Inc.

Elevations - .01 ft.



_____ Top of Protective Casing
129.13 Top of Riser Pipe
_____ Ground Surface
128.63 Top of Annular Sealant
_____ Casing Stickup

128.63 Top of Seal
7.72 Total Seal Interval
120.91 Top of Sand

118.91 Top of Screen

20' Total Screen Interval

98.91 Bottom of Screen
_____ Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____ Well No.: MW - 11

Site Name: Green Island, New York Date Drilled Start: 12/06/05

Drilling Contractor: Roberts Environmental Drilling Date Completed: 12/06/05

Driller: _____ Geologist: _____

Drilling Method: 4 1/4" Hollow Stem Auger Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): Chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

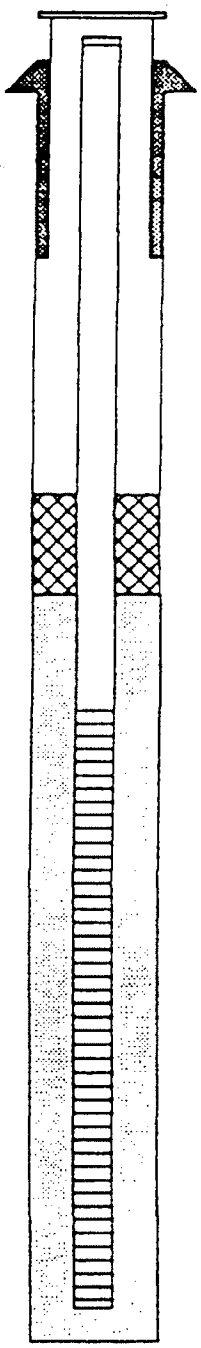
Measurements

to .01 ft (where applicable)

Riser pipe length	9.72
Screen length	20.0'
Screen slot size	0.010
Protective casing length	
Depth to water	27.59
Elevation of water	
Free Product thickness	
Gallons removed (develop)	1 gallon
Gallons removed (purge)	
Other	

Completed by: Shifrin & Associates, Inc.

Elevations - .01 ft.



_____ Top of Protective Casing

128.34 Top of Riser Pipe

_____ Ground Surface

127.84 Top of Annular Sealant

_____ Casing Stickup

128.63 Top of Seal

7.72 Total Seal Interval

120.91 Top of Sand

118.91 Top of Screen

20' Total Screen Interval

98.91 Bottom of Screen

_____ Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____
Site Name: Green Island, New York
Drilling Contractor: Roberts Environmental Drilling
Driller: _____
Drilling Method: 4 1/4" Hollow Stem Auger

Well No.: MW - 12
Date Drilled Start: 12/06/05
Date Completed: 12/06/05
Geologist: _____
Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

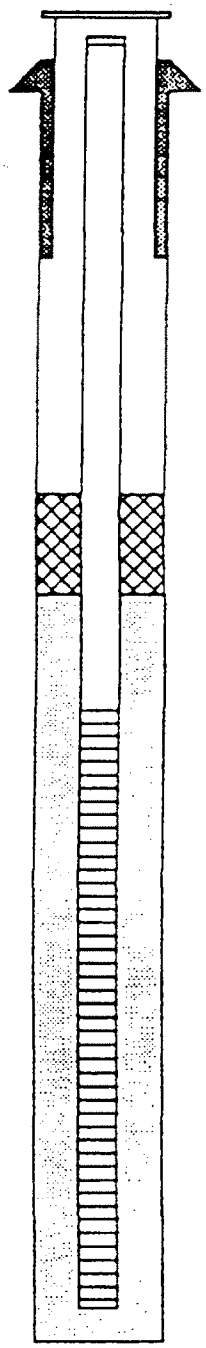
Measurements

to .01 ft (where applicable)

Riser pipe length	9.76
Screen length	20.0'
Screen slot size	0.010
Protective casing length	
Depth to water	27.05
Elevation of water	
Free Product thickness	
Gallons removed (develop)	1 gallon
Gallons removed (purge)	
Other	

Completed by: Shifrin & Associates, Inc.

Elevations - .01 ft.



_____ Top of Protective Casing
127.94 Top of Riser Pipe
_____ Ground Surface
127.44 Top of Annular Sealant
_____ Casing Stickup

127.44 Top of Seal
7.76 Total Seal Interval
119.68 Top of Sand

117.68 Top of Screen

20' Total Screen Interval

97.68 Bottom of Screen
_____ Bottom of Borehole

EXHIBIT III

Adirondack Environmental Services Inc

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

December 20, 2005

Walter Shifrin
Shifrin & Associates
230 S. Bemiston Avenue
Suite 305
St.Louis, MO 63105-1907

TEL: (314) 721-2249
FAX: (314) 862-0041

Work Order No: 051208034

RE: Soils
Green Island, NY

Dear Walter Shifrin:

Adirondack Environmental Services, Inc received 6 samples on 12/8/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-8 (26-28')
Collection Date: 12/6/2005
Lab Sample ID: 051208034-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Naphthalene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
2-Methylnaphthalene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Acenaphthylene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Acenaphthene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Dibenzofuran	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Fluorene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Phenanthrene	360	330		µg/Kg	1	12/16/2005 4:58:00 PM
Anthracene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Fluoranthene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Pyrene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Benz(a)anthracene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Chrysene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Benzo(b)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Benzo(k)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Benzo(a)pyrene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Indeno(1,2,3-cd)pyrene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Dibenz(a,h)anthracene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
Benzo(g,h,i)perylene	< 330	330		µg/Kg	1	12/16/2005 4:58:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Bromomethane	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Chloroethane	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Methylene chloride	8	5		µg/Kg	1	12/15/2005 5:23:00 PM
Acetone	20	10		µg/Kg	1	12/15/2005 5:23:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Chloroform	5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
2-Butanone	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Trichloroethene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-8 (26-28')
Collection Date: 12/6/2005
Lab Sample ID: 051208034-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Benzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Bromoform	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
2-Hexanone	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Toluene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Styrene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
o-Xylene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Cyclohexane	< 10	10		µg/Kg	1	12/15/2005 5:23:00 PM
Methyl Cyclohexane	8	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	12/15/2005 5:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-9 (28-30')
Collection Date: 12/6/2005
Lab Sample ID: 051208034-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Naphthalene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
2-Methylnaphthalene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Acenaphthylene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Acenaphthene	920	330		µg/Kg	1	12/16/2005 8:03:00 PM
Dibenzofuran	720	330		µg/Kg	1	12/16/2005 8:03:00 PM
Fluorene	1900	330		µg/Kg	1	12/16/2005 8:03:00 PM
Phenanthrene	5500	330		µg/Kg	1	12/16/2005 8:03:00 PM
Anthracene	1400	330		µg/Kg	1	12/16/2005 8:03:00 PM
Fluoranthene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Pyrene	1000	330		µg/Kg	1	12/16/2005 8:03:00 PM
Benz(a)anthracene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Chrysene	740	330		µg/Kg	1	12/16/2005 8:03:00 PM
Benzo(b)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Benzo(k)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Benzo(a)pyrene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Indeno(1,2,3-cd)pyrene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Dibenz(a,h)anthracene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
Benzo(g,h,i)perylene	< 330	330		µg/Kg	1	12/16/2005 8:03:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Bromomethane	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Vinyl chloride	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Chloroethane	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Methylene chloride	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Acetone	110	100		µg/Kg	10	12/14/2005 8:25:00 PM
Carbon disulfide	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,1-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,1-Dichloroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Chloroform	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2-Dichloroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
2-Butanone	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
1,1,1-Trichloroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Carbon tetrachloride	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Bromodichloromethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2-Dichloropropane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Trichloroethene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-9 (28-30')
Collection Date: 12/6/2005
Lab Sample ID: 051208034-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,1,2-Trichloroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Benzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Bromoform	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
4-Methyl-2-pentanone	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
2-Hexanone	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Tetrachloroethene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Toluene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Chlorobenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Ethylbenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Styrene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
m,p-Xylene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
o-Xylene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Methyl tert-butyl ether	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Dichlorodifluoromethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Methyl Acetate	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Trichlorofluoromethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Cyclohexane	< 100	100		µg/Kg	10	12/14/2005 8:25:00 PM
Methyl Cyclohexane	190	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2-Dibromoethane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,3-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
Isopropylbenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,4-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 8:25:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-10 (24-26')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Naphthalene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
2-Methylnaphthalene	2600	330		µg/Kg	1	12/16/2005 6:31:00 PM
Acenaphthylene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Acenaphthene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Dibenzofuran	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Fluorene	520	330		µg/Kg	1	12/16/2005 6:31:00 PM
Phenanthrene	1400	330		µg/Kg	1	12/16/2005 6:31:00 PM
Anthracene	1400	330		µg/Kg	1	12/16/2005 6:31:00 PM
Fluoranthene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Pyrene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Benz(a)anthracene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Chrysene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Benzo(b)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Benzo(k)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Benzo(a)pyrene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Indeno(1,2,3-cd)pyrene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Dibenz(a,h)anthracene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
Benzo(g,h,i)perylene	< 330	330		µg/Kg	1	12/16/2005 6:31:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Bromomethane	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Vinyl chloride	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Chloroethane	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Methylene chloride	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Acetone	130	100		µg/Kg	10	12/14/2005 4:18:00 PM
Carbon disulfide	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,1-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,1-Dichloroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Chloroform	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2-Dichloroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
2-Butanone	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
1,1,1-Trichloroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Carbon tetrachloride	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Bromodichloromethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2-Dichloropropane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Trichloroethene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-10 (24-26')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,1,2-Trichloroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Benzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Bromoform	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
4-Methyl-2-pentanone	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
2-Hexanone	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Tetrachloroethene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Toluene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Chlorobenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Ethylbenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Styrene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
m,p-Xylene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
o-Xylene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Methyl tert-butyl ether	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Dichlorodifluoromethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Methyl Acetate	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Trichlorofluoromethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Cyclohexane	< 100	100		µg/Kg	10	12/14/2005 4:18:00 PM
Methyl Cyclohexane	60	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2-Dibromoethane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,3-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
Isopropylbenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,4-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2-Dichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/Kg	10	12/14/2005 4:18:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-11 (28-30')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Naphthalene	490	330		µg/Kg	1	12/16/2005 7:17:00 PM
2-Methylnaphthalene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Acenaphthylene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Acenaphthene	1600	330		µg/Kg	1	12/16/2005 7:17:00 PM
Dibenzofuran	1700	330		µg/Kg	1	12/16/2005 7:17:00 PM
Fluorene	3600	330		µg/Kg	1	12/16/2005 7:17:00 PM
Phenanthrene	6300	330		µg/Kg	1	12/16/2005 7:17:00 PM
Anthracene	1700	330		µg/Kg	1	12/16/2005 7:17:00 PM
Fluoranthene	860	330		µg/Kg	1	12/16/2005 7:17:00 PM
Pyrene	1200	330		µg/Kg	1	12/16/2005 7:17:00 PM
Benz(a)anthracene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Chrysene	420	330		µg/Kg	1	12/16/2005 7:17:00 PM
Benzo(b)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Benzo(k)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Benzo(a)pyrene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Indeno(1,2,3-cd)pyrene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Dibenz(a,h)anthracene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
Benzo(g,h,i)perylene	< 330	330		µg/Kg	1	12/16/2005 7:17:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Bromomethane	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Vinyl chloride	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Chloroethane	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Methylene chloride	920	500		µg/Kg	100	12/15/2005 5:53:00 PM
Acetone	1200	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Carbon disulfide	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,1-Dichloroethene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,1-Dichloroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
trans-1,2-Dichloroethene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
cis-1,2-Dichloroethene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Chloroform	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2-Dichloroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
2-Butanone	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
1,1,1-Trichloroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Carbon tetrachloride	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Bromodichloromethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2-Dichloropropane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
cis-1,3-Dichloropropene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Trichloroethene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-11 (28-30')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,1,2-Trichloroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Benzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
trans-1,3-Dichloropropene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Bromoform	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
4-Methyl-2-pentanone	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
2-Hexanone	< 1000	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Tetrachloroethene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,1,2,2-Tetrachloroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Toluene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Chlorobenzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Ethylbenzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Styrene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
m,p-Xylene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
o-Xylene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Methyl tert-butyl ether	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Dichlorodifluoromethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Methyl Acetate	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Trichlorofluoromethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Cyclohexane	4500	1000		µg/Kg	100	12/15/2005 5:53:00 PM
Methyl Cyclohexane	16000	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2-Dibromoethane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,3-Dichlorobenzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
Isopropylbenzene	1600	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,4-Dichlorobenzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2-Dichlorobenzene	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2-Dibromo-3-chloropropane	< 500	500		µg/Kg	100	12/15/2005 5:53:00 PM
1,2,4-Trichlorobenzene	550	500		µg/Kg	100	12/15/2005 5:53:00 PM

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-12 (28-30')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Naphthalene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
2-Methylnaphthalene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Acenaphthylene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Acenaphthene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Dibenzofuran	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Fluorene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Phenanthrene	730	330		µg/Kg	1	12/16/2005 5:45:00 PM
Anthracene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Fluoranthene	810	330		µg/Kg	1	12/16/2005 5:45:00 PM
Pyrene	590	330		µg/Kg	1	12/16/2005 5:45:00 PM
Benz(a)anthracene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Chrysene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Benzo(b)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Benzo(k)fluoranthene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Benzo(a)pyrene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Indeno(1,2,3-cd)pyrene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Dibenz(a,h)anthracene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
Benzo(g,h,i)perylene	< 330	330		µg/Kg	1	12/16/2005 5:45:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Bromomethane	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Chloroethane	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Methylene chloride	6	5		µg/Kg	1	12/14/2005 5:20:00 PM
Acetone	15	10		µg/Kg	1	12/14/2005 5:20:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Chloroform	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
2-Butanone	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Trichloroethene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *20-Dec-05*

CLIENT: Shifrin & Associates
Work Order: 051208034
Project: Soils
PO#:

Client Sample ID: MW-12 (28-30')
Collection Date: 12/7/2005
Lab Sample ID: 051208034-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Dibromochloromethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Benzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Bromoform	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
2-Hexanone	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Toluene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Styrene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
o-Xylene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Cyclohexane	< 10	10		µg/Kg	1	12/14/2005 5:20:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	12/14/2005 5:20:00 PM
1,2,4-Trichlorobenzene	7	5		µg/Kg	1	12/14/2005 5:20:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:		
Shifrin & Assoc.	230 S. Bemiston Suite 705 St. Louis, Mo. 63105		
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**	
Walter Shifrin	Green Island, NY.	Randy Spencer	
Client Phone No:	**Client Fax No:**	**PO Number:**	**Samplers: (Signature)**
314-721-2249	314-862-0041	#03059	

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-8 (26'-28')	12/06/05	1130	A P	S	x		2	VOC's & PNA's (BTEX)
002	MW-9 (28'-30')	12/06/05	1530	A P	S	x		2	
003	MW-10 (24'-26')	12/07/05	0900	A P	S	x		2	
004	MW-11 (28'-30')	12/07/05	1130	A P	S	x		2	
005	MW-12 (28'-30')	12/07/05	1500	A P	S	x		2	
006	~~S-12/07/05~~ S-12/07/05	12/07/05	0930	A P	S	x		3	Hold until further notice
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

AES Work Order #: 051208034

CC Report To / Special Instructions/Remarks: BTEX (VOC's)

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 12/8/05 1150

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled 3°C	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.