JUN 10 1998

Upstate Laboratories inc.

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June 8, 1998

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FOIL
REL UNREL

Mr. Pat Haller
Unit Manager
Delta Environmental Consultants
4068 Mt. Royal Blvd.
Suite 225 - Gamma
Allison Park, PA 15101

Re: Analysis Report #14898071 - Perry NY

Dear Mr. Haller:

Please find enclosed the results for your samples which were received on May 28, 1998.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 6/5/98. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-1 8-12 1020H 05/27/98

ULI I.D.: 14898071 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	87%		WC1829
Total Lead	13mg/kg dw		MA9975
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1908
Bromomethane	<3ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<3ug/kg dw		VM1908
Methylene Chloride	6ug/kg dw	44	VM1908
Acetone	<11ug/kg dw		VM1908
Carbon Disulfide	<3ug/kg dw		VM1908
1,1-Dichloroethene	<3ug/kg dw		VM1908
1,1-Dichloroethane	<3ug/kg dw		VM1908
trans-1,2-Dichloroethene	<3ug/kg dw		VM1908
cis-1,2-Dichloroethene	<3ug/kg dw		VM1908
Chloroform	<3ug/kg dw		VM1908
1,2-Dichloroethane	<3ug/kg dw		VM1908
2-Butanone	<11ug/kg dw		VM1908
1,1,1-Trichloroethane	<3ug/kg dw		VM1908
Carbon Tetrachloride	<3ug/kg dw		VM1908
Bromodichloromethane	<3ug/kg dw		VM1908
1,2-Dichloropropane	<3ug/kg dw		VM1908
cis-1,3-Dichloropropene	<3ug/kg dw		VM1908
Trichloroethene	<3ug/kg dw		VM1908
Dibromochloromethane	<3ug/kg dw		VM1908
1,1,2-Trichloroethane	<3ug/kg dw		VM1908
Benzene	<3ug/kg dw		VM1908
trans-1,3-Dichloropropene	<3ug/kg dw		VM1908
Bromoform	<3ug/kg dw		VM1908
4-Methyl-2-pentanone	<11ug/kg dw		VM1908
2-Hexanone	<11ug/kg dw		VM1908
Tetrachloroethene	<3ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1908
Toluene	<3ug/kg dw		VM1908
Chlorobenzene	<3ug/kg dw		VM1908
Ethylbenzene	<3ug/kg dw		VM1908
Styrene	<3ug/kg dw		VM1908
m-Xylene and p-Xylene	<3ug/kg dw		VM1908
o-Xylene	<3ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-2 8-12 1050H 05/27/98

ULI I.D.: 14898072 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WC1829
Total Lead	<13mg/kg dw		MA9975
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1908
Bromomethane	<4ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<4ug/kg dw		VM1908
Methylene Chloride	8ug/kg dw	44	VM1908
Acetone	<12ug/kg dw		VM1908
Carbon Disulfide	<4ug/kg dw		VM1908
1,1-Dichloroethene	<4ug/kg dw		VM1908
1,1-Dichloroethane	<4ug/kg dw		VM1908
trans-1,2-Dichloroethene	<4ug/kg dw		VM1908
cis-1,2-Dichloroethene	<4ug/kg dw		VM1908
Chloroform	<4ug/kg dw		VM1908
1,2-Dichloroethane	<4ug/kg dw		VM1908
2-Butanone	<12ug/kg dw		VM1908
1,1,1-Trichloroethane	<4ug/kg dw		VM1908
Carbon Tetrachloride	<4ug/kg dw		VM1908
Bromodichloromethane	<4ug/kg dw		VM1908
1,2-Dichloropropane	<4ug/kg dw		VM1908
cis-1,3-Dichloropropene	<4ug/kg dw		VM1908
Trichloroethene	<4ug/kg dw		VM1908
Dibromochloromethane	<4ug/kg dw		VM1908
1,1,2-Trichloroethane	<4ug/kg dw		VM1908
Benzene	<4ug/kg dw		VM1908
trans-1,3-Dichloropropene	<4ug/kg dw		VM1908
Bromoform	<4ug/kg dw		VM1908
4-Methyl-2-pentanone	<12ug/kg dw		VM1908
2-Hexanone	<12ug/kg dw		VM1908
Tetrachloroethene	<4ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1908
Toluene	<4ug/kg dw		VM1908
Chlorobenzene	<4ug/kg dw		VM1908
Ethylbenzene	<4ug/kg dw		VM1908
Styrene	<4ug/kg dw		VM1908
m-Xylene and p-Xylene	<4ug/kg dw		VM1908
o-Xylene	<4ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: AS
QC: ST
Lab I.D.: 10170
SB-3 8-12 1125H 05/27/98

ULI I.D.: 14898073 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	87%		WC1829
Total Lead	<11mg/kg dw		MA9975
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1908
Bromomethane	<3ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<3ug/kg dw		VM1908
Methylene Chloride	7ug/kg dw	44	VM1908
Acetone	<11ug/kg dw		VM1908
Carbon Disulfide	<3ug/kg dw		VM1908
1,1-Dichloroethene	<3ug/kg dw		VM1908
1,1-Dichloroethane	<3ug/kg dw		VM1908
trans-1,2-Dichloroethene	<3ug/kg dw		VM1908
cis-1,2-Dichloroethene	<3ug/kg dw		VM1908
Chloroform	<3ug/kg dw		VM1908
1,2-Dichloroethane	<3ug/kg dw		VM1908
2-Butanone	<11ug/kg dw		VM1908
1,1,1-Trichloroethane	<3ug/kg dw		VM1908
Carbon Tetrachloride	<3ug/kg dw		VM1908
Bromodichloromethane	<3ug/kg dw		VM1908
1,2-Dichloropropane	<3ug/kg dw		VM1908
cis-1,3-Dichloropropene	<3ug/kg dw		VM1908
Trichloroethene	<3ug/kg dw		VM1908
Dibromochloromethane	<3ug/kg dw		VM1908
1,1,2-Trichloroethane	<3ug/kg dw		VM1908
Benzene	<3ug/kg dw		VM1908
trans-1,3-Dichloropropene	<3ug/kg dw		VM1908
Bromoform	<3ug/kg dw		VM1908
4-Methyl-2-pentanone	<11ug/kg dw		VM1908
2-Hexanone	<11ug/kg dw		VM1908
Tetrachloroethene	<3ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1908
Toluene	<3ug/kg dw		VM1908
Chlorobenzene	<3ug/kg dw		VM1908
Ethylbenzene	<3ug/kg dw		VM1908
Styrene	<3ug/kg dw		VM1908
m-Xylene and p-Xylene	<3ug/kg dw		VM1908
o-Xylene	<3ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: ST
Lab I.D.: 10170

SB-4 8-12 1105H 05/27/98

ULI I.D.: 14898074 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WC1830
Total Lead	<12mg/kg dw		MA9975
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1908
Bromomethane	<4ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<4ug/kg dw		VM1908
Methylene Chloride	8ug/kg dw	44	VM1908
Acetone	21ug/kg dw		VM1908
Carbon Disulfide	<4ug/kg dw		VM1908
1,1-Dichloroethene	<4ug/kg dw		VM1908
1,1-Dichloroethane	8ug/kg dw		VM1908
trans-1,2-Dichloroethene	<4ug/kg dw		VM1908
cis-1,2-Dichloroethene	<4ug/kg dw		VM1908
Chloroform	<4ug/kg dw		VM1908
1,2-Dichloroethane	<4ug/kg dw		VM1908
2-Butanone	<12ug/kg dw		VM1908
1,1,1-Trichloroethane	17ug/kg dw		VM1908
Carbon Tetrachloride	<4ug/kg dw		VM1908
Bromodichloromethane	<4ug/kg dw		VM1908
1,2-Dichloropropane	<4ug/kg dw		VM1908
cis-1,3-Dichloropropene	<4ug/kg dw		VM1908
Trichloroethene	<4ug/kg dw		VM1908
Dibromochloromethane	<4ug/kg dw		VM1908
1,1,2-Trichloroethane	<4ug/kg dw		VM1908
Benzene	<4ug/kg dw		VM1908
trans-1,3-Dichloropropene	<4ug/kg dw		VM1908
Bromoform	<4ug/kg dw		VM1908
4-Methyl-2-pentanone	<12ug/kg dw		VM1908
2-Hexanone	<12ug/kg dw		VM1908
Tetrachloroethene	8ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1908
Toluene	<4ug/kg dw		VM1908
Chlorobenzene	<4ug/kg dw		VM1908
Ethylbenzene	<4ug/kg dw		VM1908
Styrene	<4ug/kg dw		VM1908
m-Xylene and p-Xylene	<4ug/kg dw		VM1908
o-Xylene	<4ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 14898071 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-5 8-12 1245H 05/27/98

ULI I.D.: 14898075 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	87%		WC1830
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1908
Bromomethane	<3ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<3ug/kg dw		VM1908
Methylene Chloride	7ug/kg dw	44	VM1908
Acetone	<11ug/kg dw		VM1908
Carbon Disulfide	<3ug/kg dw		VM1908
1,1-Dichloroethene	<3ug/kg dw		VM1908
1,1-Dichloroethane	<3ug/kg dw		VM1908
trans-1,2-Dichloroethene	<3ug/kg dw		VM1908
cis-1,2-Dichloroethene	<3ug/kg dw		VM1908
Chloroform	<3ug/kg dw		VM1908
1,2-Dichloroethane	<3ug/kg dw		VM1908
2-Butanone	<11ug/kg dw		VM1908
1,1,1-Trichloroethane	<3ug/kg dw		VM1908
Carbon Tetrachloride	<3ug/kg dw		VM1908
Bromodichloromethane	<3ug/kg dw		VM1908
1,2-Dichloropropane	<3ug/kg dw		VM1908
cis-1,3-Dichloropropene	<3ug/kg dw		VM1908
Trichloroethene	<3ug/kg dw		VM1908
Dibromochloromethane	<3ug/kg dw		VM1908
1,1,2-Trichloroethane	<3ug/kg dw		VM1908
Benzene	<3ug/kg dw		VM1908
trans-1,3-Dichloropropene	<3ug/kg dw		VM1908
Bromoform	<3ug/kg dw		VM1908
4-Methyl-2-pentanone	<11ug/kg dw		VM1908
2-Hexanone	<11ug/kg dw		VM1908
Tetrachloroethene	<3ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1908
Toluene	<3ug/kg dw		VM1908
Chlorobenzene	<3ug/kg dw		VM1908
Ethylbenzene	<3ug/kg dw		VM1908
Styrene	<3ug/kg dw		VM1908
m-Xylene and p-Xylene	<3ug/kg dw		VM1908
o-Xylene	<3ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JJ
Lab I.D.: 10170
SB-6 8-12 1305H 05/27/98

ULI I.D.: 14898076 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	91%		WC1830
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1908
Bromomethane	<3ug/kg dw		VM1908
Vinyl Chloride	<2ug/kg dw		VM1908
Chloroethane	<3ug/kg dw		VM1908
Methylene Chloride	11ug/kg dw	44	VM1908
Acetone	19ug/kg dw		VM1908
Carbon Disulfide	<3ug/kg dw		VM1908
1,1-Dichloroethene	<3ug/kg dw		VM1908
1,1-Dichloroethane	<3ug/kg dw		VM1908
trans-1,2-Dichloroethene	<3ug/kg dw		VM1908
cis-1,2-Dichloroethene	<3ug/kg dw		VM1908
Chloroform	<3ug/kg dw		VM1908
1,2-Dichloroethane	<3ug/kg dw		VM1908
2-Butanone	<11ug/kg dw		VM1908
1,1,1-Trichloroethane	<3ug/kg dw		VM1908
Carbon Tetrachloride	<3ug/kg dw		VM1908
Bromodichloromethane	<3ug/kg dw		VM1908
1,2-Dichloropropane	<3ug/kg dw		VM1908
cis-1,3-Dichloropropene	<3ug/kg dw		VM1908
Trichloroethene	<3ug/kg dw		VM1908
Dibromochloromethane	<3ug/kg dw		VM1908
1,1,2-Trichloroethane	<3ug/kg dw		VM1908
Benzene	<3ug/kg dw		VM1908
trans-1,3-Dichloropropene	<3ug/kg dw		VM1908
Bromoform	<3ug/kg dw		VM1908
4-Methyl-2-pentanone	<11ug/kg dw		VM1908
2-Hexanone	<11ug/kg dw		VM1908
Tetrachloroethene	<3ug/kg dw		VM1908
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1908
Toluene	<3ug/kg dw		VM1908
Chlorobenzene	<3ug/kg dw		VM1908
Ethylbenzene	<3ug/kg dw		VM1908
Styrene	<3ug/kg dw		VM1908
m-Xylene and p-Xylene	<3ug/kg dw		VM1908
o-Xylene	<3ug/kg dw		VM1908

dw = Dry weight

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-3 H2O 05/27/98

ULI I.D.: 14898077 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1908
Bromomethane	<3ug/l		VM1908
Vinyl Chloride	<2ug/l		VM1908
Chloroethane	<3ug/l		VM1908
Methylene Chloride	<3ug/l		VM1908
Acetone	<10ug/l		VM1908
Carbon Disulfide	<3ug/l		VM1908
1,1-Dichloroethene	<3ug/l		VM1908
1,1-Dichloroethane	<3ug/l		VM1908
trans-1,2-Dichloroethene	<3ug/l		VM1908
cis-1,2-Dichloroethene	<3ug/l		VM1908
Chloroform	<3ug/l		VM1908
1,2-Dichloroethane	<3ug/l		VM1908
2-Butanone	<10ug/l		VM1908
1,1,1-Trichloroethane	<3ug/l		VM1908
Carbon Tetrachloride	<3ug/l		VM1908
Bromodichloromethane	<3ug/l		VM1908
1,2-Dichloropropane	<3ug/l		VM1908
cis-1,3-Dichloropropene	<3ug/l		VM1908
Trichloroethene	<3ug/l		VM1908
Dibromochloromethane	<3ug/l		VM1908
1,1,2-Trichloroethane	<3ug/l		VM1908
Benzene	<3ug/l		VM1908
trans-1,3-Dichloropropene	<3ug/l		VM1908
Bromoform	<3ug/l		VM1908
4-Methyl-2-pentanone	<10ug/l		VM1908
2-Hexanone	<10ug/l		VM1908
Tetrachloroethene	<3ug/l		VM1908
1,1,2,2-Tetrachloroethane	<3ug/l		VM1908
Toluene	<3ug/l		VM1908
Chlorobenzene	<3ug/l		VM1908
Ethylbenzene	<3ug/l		VM1908
Styrene	<3ug/l		VM1908
m-Xylene and p-Xylene	<3ug/l		VM1908
o-Xylene	<3ug/l		VM1908

DATE: 06/08/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 14898071
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-6 H2O 05/27/98

ULI I.D.: 14898078 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1908
Bromomethane	<3ug/l		VM1908
Vinyl Chloride	<2ug/l		VM1908
Chloroethane	<3ug/l		VM1908
Methylene Chloride	<3ug/l		VM1908
Acetone	<10ug/l		VM1908
Carbon Disulfide	<3ug/l		VM1908
1,1-Dichloroethene	90ug/l		VM1908
1,1-Dichloroethane	<3ug/l		VM1908
trans-1,2-Dichloroethene	<3ug/l		VM1908
cis-1,2-Dichloroethene	3ug/l		VM1908
Chloroform	<3ug/l		VM1908
1,2-Dichloroethane	<3ug/l		VM1908
2-Butanone	<10ug/l		VM1908
1,1,1-Trichloroethane	35ug/l		VM1908
Carbon Tetrachloride	<3ug/l		VM1908
Bromodichloromethane	<3ug/l		VM1908
1,2-Dichloropropane	<3ug/l		VM1908
cis-1,3-Dichloropropene	<3ug/l		VM1908
Trichloroethene	<3ug/l		VM1908
Dibromochloromethane	<3ug/l		VM1908
1,1,2-Trichloroethane	<3ug/l		VM1908
Benzene	<3ug/l		VM1908
trans-1,3-Dichloropropene	<3ug/l		VM1908
Bromoform	<3ug/l		VM1908
4-Methyl-2-pentanone	<10ug/l		VM1908
2-Hexanone	<10ug/l		VM1908
Tetrachloroethene	13ug/l		VM1908
1,1,2,2-Tetrachloroethane	<3ug/l		VM1908
Toluene	3ug/l		VM1908
Chlorobenzene	<3ug/l		VM1908
Ethylbenzene	<3ug/l		VM1908
Styrene	<3ug/l		VM1908
m-Xylene and p-Xylene	<3ug/l		VM1908
o-Xylene	<3ug/l		VM1908

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

14898071-78 6/11

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

Client: Delta Environmental
Project Name/Project Name: Perry NY
Client Contact: Pat Haller
Phone #: 482 487 7700
Address:

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)	Remarks
SB-1 8-12	5/27/98	10:20	Soil		14898071	(2)	X	X	(4)										
SB-2 8-12		10:50			72	(2)	X	X	(4)										
SB-3 8-12		11:25			73	(2)	X	X	(4)										
SB-4 8-12		11:05			74	(2)	X	X	(4)										
SB-5 8-12		12:45			75	(1)	X		(4)										
SB-6 8-12		1305			76	(1)	X		(4)										
SB-3 H2O			H2O		77	(3)	X												Surfactants present! !
SB-6 H2O			H2O		78	(3)	X												

Parameter and Method	Sample bottle:	Type	Size	Preservative
1) VOL EPA METHOD 8260				
2) LEAD				
3) (% Solids)**				
4)				
5)				
6)				
7)				
8)				
9)				
10)				
11)				
12)				
13)				

Sampled by (Print): Ron Jenkins
Company: Delta

	Date	Time	
Relinquished by: (sign)	5/28/98	14:00	Received by: (sign)
Relinquished by: (sign)	Date	Time	Received by: (sign)
Relinquished by: (sign)	5/28/98	13 35	Rec'd for Lab by: H Dow

ULI Internal Use Only

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

JUL -6 1998

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
Mailing: Box 289 • Syracuse, NY 13206
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Buffalo (716) 649-2533
Rochester (716) 436-9070
New Jersey (201) 703-1324

June 30, 1998

RECEIVED
AUG 11 1998
NYSDEC - REG. 9
FOIL
REL UNREL

Mr. Steve Zbur
Unit Manager
Delta Environmental Consultants
4068 Mt. Royal Blvd.
Suite 225 - Gamma
Allison Park, PA 15101

Re: Analysis Report #17798027 - Perry NY

Dear Mr. Zbur:

Please find enclosed the results for your samples which were picked up and collected by ULI personnel on June 25, 1998.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Director

AJS/jd

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 6/29/98. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: CJS
QC: JT
Lab I.D.: 10170
MW-101 14-15 0830H 06/22/98 G

ULI I.D.: 17698102
Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	89%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1957
Bromomethane	<3ug/kg dw		VM1957
Vinyl Chloride	<2ug/kg dw		VM1957
Chloroethane	<3ug/kg dw		VM1957
Methylene Chloride	12ug/kg dw	44	VM1957
Acetone	<11ug/kg dw		VM1957
Carbon Disulfide	<3ug/kg dw		VM1957
1,1-Dichloroethene	<3ug/kg dw		VM1957
1,1-Dichloroethane	<3ug/kg dw		VM1957
trans-1,2-Dichloroethene	<3ug/kg dw		VM1957
cis-1,2-Dichloroethene	<3ug/kg dw		VM1957
Chloroform	<3ug/kg dw		VM1957
1,2-Dichloroethane	<3ug/kg dw		VM1957
2-Butanone	<11ug/kg dw		VM1957
1,1,1-Trichloroethane	<3ug/kg dw		VM1957
Carbon Tetrachloride	<3ug/kg dw		VM1957
Bromodichloromethane	<3ug/kg dw		VM1957
1,2-Dichloropropane	<3ug/kg dw		VM1957
cis-1,3-Dichloropropene	<3ug/kg dw		VM1957
Trichloroethene	<3ug/kg dw		VM1957
Dibromochloromethane	<3ug/kg dw		VM1957
1,1,2-Trichloroethane	<3ug/kg dw		VM1957
Benzene	<3ug/kg dw		VM1957
trans-1,3-Dichloropropene	<3ug/kg dw		VM1957
Bromoform	<3ug/kg dw		VM1957
4-Methyl-2-pentanone	<11ug/kg dw		VM1957
2-Hexanone	<11ug/kg dw		VM1957
Tetrachloroethene	<3ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1957
Toluene	<3ug/kg dw		VM1957
Chlorobenzene	<3ug/kg dw		VM1957
Ethylbenzene	<3ug/kg dw		VM1957
Styrene	<3ug/kg dw		VM1957
m-Xylene and p-Xylene	<3ug/kg dw		VM1957
o-Xylene	<3ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: AS
QC: JT JF
Lab I.D.: 10170
MW-102 8-10 0815H 06/24/98 G

ULI I.D.: 17698103 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	89%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<34ug/kg dw	05	VM1957
Bromomethane	<34ug/kg dw	05	VM1957
Vinyl Chloride	<22ug/kg dw	05	VM1957
Chloroethane	<34ug/kg dw	05	VM1957
Methylene Chloride	210ug/kg dw	44	VM1957
Acetone	110ug/kg dw	44	VM1957
Carbon Disulfide	<34ug/kg dw	05	VM1957
1,1-Dichloroethene	<34ug/kg dw	05	VM1957
1,1-Dichloroethane	790ug/kg dw		VM1957
trans-1,2-Dichloroethene	<34ug/kg dw	05	VM1957
cis-1,2-Dichloroethene	<34ug/kg dw	05	VM1957
Chloroform	<34ug/kg dw	05	VM1957
1,2-Dichloroethane	<34ug/kg dw	05	VM1957
2-Butanone	<110ug/kg dw	05	VM1957
1,1,1-Trichloroethane	1100ug/kg dw		VM1957
Carbon Tetrachloride	<34ug/kg dw	05	VM1957
Bromodichloromethane	<34ug/kg dw	05	VM1957
1,2-Dichloropropane	<34ug/kg dw	05	VM1957
cis-1,3-Dichloropropene	<34ug/kg dw	05	VM1957
Trichloroethene	<34ug/kg dw	05	VM1957
Dibromochloromethane	<34ug/kg dw	05	VM1957
1,1,2-Trichloroethane	<34ug/kg dw	05	VM1957
Benzene	<34ug/kg dw	05	VM1957
trans-1,3-Dichloropropene	<34ug/kg dw	05	VM1957
Bromoform	<34ug/kg dw	05	VM1957
4-Methyl-2-pentanone	<110ug/kg dw	05	VM1957
2-Hexanone	<110ug/kg dw	05	VM1957
Tetrachloroethene	290ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<34ug/kg dw	05	VM1957
Toluene	11,000ug/kg dw		VM1957
Chlorobenzene	<34ug/kg dw	05	VM1957
Ethylbenzene	90ug/kg dw		VM1957
Styrene	34ug/kg dw		VM1957
m-Xylene and p-Xylene	660ug/kg dw		VM1957
o-Xylene	1000ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: _____
Analysis Results QC: _____
Report Number: 17698102 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-103 14-15 1540H 06/23/98 G

ULI I.D.: 17698104 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	93%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1957
Bromomethane	<3ug/kg dw		VM1957
Vinyl Chloride	<2ug/kg dw		VM1957
Chloroethane	<3ug/kg dw		VM1957
Methylene Chloride	14ug/kg dw	44	VM1957
Acetone	20ug/kg dw	44	VM1957
Carbon Disulfide	<3ug/kg dw		VM1957
1,1-Dichloroethene	<3ug/kg dw		VM1957
1,1-Dichloroethane	<3ug/kg dw		VM1957
trans-1,2-Dichloroethene	<3ug/kg dw		VM1957
cis-1,2-Dichloroethene	<3ug/kg dw		VM1957
Chloroform	<3ug/kg dw		VM1957
1,2-Dichloroethane	<3ug/kg dw		VM1957
2-Butanone	<11ug/kg dw		VM1957
1,1,1-Trichloroethane	<3ug/kg dw		VM1957
Carbon Tetrachloride	<3ug/kg dw		VM1957
Bromodichloromethane	<3ug/kg dw		VM1957
1,2-Dichloropropane	<3ug/kg dw		VM1957
cis-1,3-Dichloropropene	<3ug/kg dw		VM1957
Trichloroethene	<3ug/kg dw		VM1957
Dibromochloromethane	<3ug/kg dw		VM1957
1,1,2-Trichloroethane	<3ug/kg dw		VM1957
Benzene	<3ug/kg dw		VM1957
trans-1,3-Dichloropropene	<3ug/kg dw		VM1957
Bromoform	<3ug/kg dw		VM1957
4-Methyl-2-pentanone	<11ug/kg dw		VM1957
2-Hexanone	<11ug/kg dw		VM1957
Tetrachloroethene	<3ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1957
Toluene	<3ug/kg dw		VM1957
Chlorobenzene	<3ug/kg dw		VM1957
Ethylbenzene	<3ug/kg dw		VM1957
Styrene	<3ug/kg dw		VM1957
m-Xylene and p-Xylene	<3ug/kg dw		VM1957
o-Xylene	<3ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: QC: Lab I.D.: 10170
Analysis Results
eport Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-104 14-15 1105H 06/22/98 G

ULI I.D.: 17698105 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	88%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1957
Bromomethane	<3ug/kg dw		VM1957
Vinyl Chloride	<2ug/kg dw		VM1957
Chloroethane	<3ug/kg dw		VM1957
Methylene Chloride	20ug/kg dw	44	VM1957
Acetone	<11ug/kg dw		VM1957
Carbon Disulfide	<3ug/kg dw		VM1957
1,1-Dichloroethene	<3ug/kg dw		VM1957
1,1-Dichloroethane	<3ug/kg dw		VM1957
trans-1,2-Dichloroethene	<3ug/kg dw		VM1957
cis-1,2-Dichloroethene	<3ug/kg dw		VM1957
Chloroform	<3ug/kg dw		VM1957
1,2-Dichloroethane	<3ug/kg dw		VM1957
2-Butanone	<11ug/kg dw		VM1957
1,1,1-Trichloroethane	<3ug/kg dw		VM1957
Carbon Tetrachloride	<3ug/kg dw		VM1957
Bromodichloromethane	<3ug/kg dw		VM1957
1,2-Dichloropropane	<3ug/kg dw		VM1957
cis-1,3-Dichloropropene	<3ug/kg dw		VM1957
Trichloroethene	<3ug/kg dw		VM1957
Dibromochloromethane	<3ug/kg dw		VM1957
1,1,2-Trichloroethane	<3ug/kg dw		VM1957
Benzene	<3ug/kg dw		VM1957
trans-1,3-Dichloropropene	<3ug/kg dw		VM1957
Bromoform	<3ug/kg dw		VM1957
4-Methyl-2-pentanone	<11ug/kg dw		VM1957
2-Hexanone	<11ug/kg dw		VM1957
Tetrachloroethene	<3ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1957
Toluene	<3ug/kg dw		VM1957
Chlorobenzene	<3ug/kg dw		VM1957
Ethylbenzene	<3ug/kg dw		VM1957
Styrene	<3ug/kg dw		VM1957
m-Xylene and p-Xylene	<3ug/kg dw		VM1957
o-Xylene	<3ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT JJ
eport Number: 17798027 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-105 14-15 1725H 06/24/98 G

ULI I.D.: 17798033 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	86%		WC2268
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1958
Bromomethane	<3ug/kg dw		VM1958
Vinyl Chloride	<2ug/kg dw		VM1958
Chloroethane	40ug/kg dw		VM1958
Methylene Chloride	3ug/kg dw	44	VM1958
Acetone	<12ug/kg dw		VM1958
Carbon Disulfide	<3ug/kg dw		VM1958
1,1-Dichloroethene	<3ug/kg dw		VM1958
1,1-Dichloroethane	13ug/kg dw		VM1958
trans-1,2-Dichloroethene	<3ug/kg dw		VM1958
cis-1,2-Dichloroethene	8ug/kg dw		VM1958
Chloroform	<3ug/kg dw		VM1958
1,2-Dichloroethane	<3ug/kg dw		VM1958
2-Butanone	<12ug/kg dw		VM1958
1,1,1-Trichloroethane	19ug/kg dw		VM1958
Carbon Tetrachloride	<3ug/kg dw		VM1958
Bromodichloromethane	<3ug/kg dw		VM1958
1,2-Dichloropropane	<3ug/kg dw		VM1958
cis-1,3-Dichloropropene	<3ug/kg dw		VM1958
Trichloroethene	<3ug/kg dw		VM1958
Dibromochloromethane	<3ug/kg dw		VM1958
1,1,2-Trichloroethane	<3ug/kg dw		VM1958
Benzene	<3ug/kg dw		VM1958
trans-1,3-Dichloropropene	<3ug/kg dw		VM1958
Bromoform	<3ug/kg dw		VM1958
4-Methyl-2-pentanone	<12ug/kg dw		VM1958
2-Hexanone	<12ug/kg dw		VM1958
Tetrachloroethene	<3ug/kg dw		VM1958
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1958
Toluene	<3ug/kg dw		VM1958
Chlorobenzene	<3ug/kg dw		VM1958
Ethylbenzene	<3ug/kg dw		VM1958
Styrene	<3ug/kg dw		VM1958
m-Xylene and p-Xylene	<3ug/kg dw		VM1958
o-Xylene	<3ug/kg dw		VM1958

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: 7-7-
eport Number: 17698102 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-201 2021 1550H 06/22/98 G

ULI I.D.: 17698106 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	91%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1957
Bromomethane	<3ug/kg dw		VM1957
Vinyl Chloride	<2ug/kg dw		VM1957
Chloroethane	<3ug/kg dw		VM1957
Methylene Chloride	16ug/kg dw	44	VM1957
Acetone	27ug/kg dw	44	VM1957
Carbon Disulfide	<3ug/kg dw		VM1957
1,1-Dichloroethene	<3ug/kg dw		VM1957
1,1-Dichloroethane	<3ug/kg dw		VM1957
trans-1,2-Dichloroethene	<3ug/kg dw		VM1957
cis-1,2-Dichloroethene	<3ug/kg dw		VM1957
Chloroform	<3ug/kg dw		VM1957
1,2-Dichloroethane	<3ug/kg dw		VM1957
2-Butanone	<11ug/kg dw		VM1957
1,1,1-Trichloroethane	<3ug/kg dw		VM1957
Carbon Tetrachloride	<3ug/kg dw		VM1957
Bromodichloromethane	<3ug/kg dw		VM1957
1,2-Dichloropropane	<3ug/kg dw		VM1957
cis-1,3-Dichloropropene	<3ug/kg dw		VM1957
Trichloroethene	<3ug/kg dw		VM1957
Dibromochloromethane	<3ug/kg dw		VM1957
1,1,2-Trichloroethane	<3ug/kg dw		VM1957
Benzene	<3ug/kg dw		VM1957
trans-1,3-Dichloropropene	<3ug/kg dw		VM1957
Bromoform	<3ug/kg dw		VM1957
4-Methyl-2-pentanone	<11ug/kg dw		VM1957
2-Hexanone	<11ug/kg dw		VM1957
Tetrachloroethene	<3ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1957
Toluene	<3ug/kg dw		VM1957
Chlorobenzene	<3ug/kg dw		VM1957
Ethylbenzene	<3ug/kg dw		VM1957
Styrene	<3ug/kg dw		VM1957
m-Xylene and p-Xylene	<3ug/kg dw		VM1957
o-Xylene	<3ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JJ
Lab I.D.: 10170
SED-1 1830H 06/23/98 G

ULI I.D.: 17698107 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	58%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<5ug/kg dw		VM1958
Bromomethane	<5ug/kg dw		VM1958
Vinyl Chloride	<3ug/kg dw		VM1958
Chloroethane	<5ug/kg dw		VM1958
Methylene Chloride	10ug/kg dw	44	VM1958
Acetone	<17ug/kg dw		VM1958
Carbon Disulfide	<5ug/kg dw		VM1958
1,1-Dichloroethene	<5ug/kg dw		VM1958
1,1-Dichloroethane	<5ug/kg dw		VM1958
trans-1,2-Dichloroethene	<5ug/kg dw		VM1958
cis-1,2-Dichloroethene	<5ug/kg dw		VM1958
Chloroform	<5ug/kg dw		VM1958
1,2-Dichloroethane	<5ug/kg dw		VM1958
2-Butanone	<17ug/kg dw		VM1958
1,1,1-Trichloroethane	<5ug/kg dw		VM1958
Carbon Tetrachloride	<5ug/kg dw		VM1958
Bromodichloromethane	<5ug/kg dw		VM1958
1,2-Dichloropropane	<5ug/kg dw		VM1958
cis-1,3-Dichloropropene	<5ug/kg dw		VM1958
Trichloroethene	<5ug/kg dw		VM1958
Dibromochloromethane	<5ug/kg dw		VM1958
1,1,2-Trichloroethane	<5ug/kg dw		VM1958
Benzene	<5ug/kg dw		VM1958
trans-1,3-Dichloropropene	<5ug/kg dw		VM1958
Bromoform	<5ug/kg dw		VM1958
4-Methyl-2-pentanone	<17ug/kg dw		VM1958
2-Hexanone	<17ug/kg dw		VM1958
Tetrachloroethene	<5ug/kg dw		VM1958
1,1,2,2-Tetrachloroethane	<5ug/kg dw		VM1958
Toluene	<5ug/kg dw		VM1958
Chlorobenzene	<5ug/kg dw		VM1958
Ethylbenzene	<5ug/kg dw		VM1958
Styrene	<5ug/kg dw		VM1958
m-Xylene and p-Xylene	<5ug/kg dw		VM1958
o-Xylene	<5ug/kg dw		VM1958

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: _____
Report Number: 17698102 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SED-2 1625H 06/23/98 G

ULI I.D.: 17698108 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1957
Bromomethane	<4ug/kg dw		VM1957
Vinyl Chloride	<2ug/kg dw		VM1957
Chloroethane	<4ug/kg dw		VM1957
Methylene Chloride	13ug/kg dw	44	VM1957
Acetone	<12ug/kg dw		VM1957
Carbon Disulfide	<4ug/kg dw		VM1957
1,1-Dichloroethene	<4ug/kg dw		VM1957
1,1-Dichloroethane	<4ug/kg dw		VM1957
trans-1,2-Dichloroethene	<4ug/kg dw		VM1957
cis-1,2-Dichloroethene	<4ug/kg dw		VM1957
Chloroform	<4ug/kg dw		VM1957
1,2-Dichloroethane	<4ug/kg dw		VM1957
2-Butanone	<12ug/kg dw		VM1957
1,1,1-Trichloroethane	<4ug/kg dw		VM1957
Carbon Tetrachloride	<4ug/kg dw		VM1957
Bromodichloromethane	<4ug/kg dw		VM1957
1,2-Dichloropropane	<4ug/kg dw		VM1957
cis-1,3-Dichloropropene	<4ug/kg dw		VM1957
Trichloroethene	<4ug/kg dw		VM1957
Dibromochloromethane	<4ug/kg dw		VM1957
1,1,2-Trichloroethane	<4ug/kg dw		VM1957
Benzene	<4ug/kg dw		VM1957
trans-1,3-Dichloropropene	<4ug/kg dw		VM1957
Bromoform	<4ug/kg dw		VM1957
4-Methyl-2-pentanone	<12ug/kg dw		VM1957
2-Hexanone	<12ug/kg dw		VM1957
Tetrachloroethene	<4ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1957
Toluene	<4ug/kg dw		VM1957
Chlorobenzene	<4ug/kg dw		VM1957
Ethylbenzene	<4ug/kg dw		VM1957
Styrene	<4ug/kg dw		VM1957
m-Xylene and p-Xylene	<4ug/kg dw		VM1957
o-Xylene	<4ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT JT
Lab I.D.: 10170
SED-3 1600H 06/23/98 G

ULI I.D.: 17698109 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	68%		WC2215
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1957
Bromomethane	<4ug/kg dw		VM1957
Vinyl Chloride	<3ug/kg dw		VM1957
Chloroethane	<4ug/kg dw		VM1957
Methylene Chloride	18ug/kg dw	44	VM1957
Acetone	<15ug/kg dw		VM1957
Carbon Disulfide	<4ug/kg dw		VM1957
1,1-Dichloroethene	<4ug/kg dw		VM1957
1,1-Dichloroethane	<4ug/kg dw		VM1957
trans-1,2-Dichloroethene	<4ug/kg dw		VM1957
cis-1,2-Dichloroethene	<4ug/kg dw		VM1957
Chloroform	<4ug/kg dw		VM1957
1,2-Dichloroethane	<4ug/kg dw		VM1957
2-Butanone	<15ug/kg dw		VM1957
1,1,1-Trichloroethane	<4ug/kg dw		VM1957
Carbon Tetrachloride	<4ug/kg dw		VM1957
Bromodichloromethane	<4ug/kg dw		VM1957
1,2-Dichloropropane	<4ug/kg dw		VM1957
cis-1,3-Dichloropropene	<4ug/kg dw		VM1957
Trichloroethene	<4ug/kg dw		VM1957
Dibromochloromethane	<4ug/kg dw		VM1957
1,1,2-Trichloroethane	<4ug/kg dw		VM1957
Benzene	<4ug/kg dw		VM1957
trans-1,3-Dichloropropene	<4ug/kg dw		VM1957
Bromoform	<4ug/kg dw		VM1957
4-Methyl-2-pentanone	<15ug/kg dw		VM1957
2-Hexanone	<15ug/kg dw		VM1957
Tetrachloroethene	<4ug/kg dw		VM1957
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1957
Toluene	<4ug/kg dw		VM1957
Chlorobenzene	<4ug/kg dw		VM1957
Ethylbenzene	<4ug/kg dw		VM1957
Styrene	<4ug/kg dw		VM1957
m-Xylene and p-Xylene	<4ug/kg dw		VM1957
o-Xylene	<4ug/kg dw		VM1957

dw = Dry weight

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: _____
Analysis Results QC: _____
Report Number: 17698102 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SURFACE 1 1830H 06/23/98 G

ULI I.D.: 17698110 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	12ug/l	44	VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170

SURFACE 2 1625H 06/23/98 G

ULI I.D.: 17698111 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1956
Bromomethane	<3ug/l		VM1956
Vinyl Chloride	<2ug/l		VM1956
Chloroethane	<3ug/l		VM1956
Methylene Chloride	<3ug/l		VM1956
Acetone	11ug/l	44	VM1956
Carbon Disulfide	<3ug/l		VM1956
1,1-Dichloroethene	<3ug/l		VM1956
1,1-Dichloroethane	<3ug/l		VM1956
trans-1,2-Dichloroethene	<3ug/l		VM1956
cis-1,2-Dichloroethene	<3ug/l		VM1956
Chloroform	<3ug/l		VM1956
1,2-Dichloroethane	<3ug/l		VM1956
2-Butanone	11ug/l		VM1956
1,1,1-Trichloroethane	<3ug/l		VM1956
Carbon Tetrachloride	<3ug/l		VM1956
Bromodichloromethane	<3ug/l		VM1956
1,2-Dichloropropane	<3ug/l		VM1956
cis-1,3-Dichloropropene	<3ug/l		VM1956
Trichloroethene	<3ug/l		VM1956
Dibromochloromethane	<3ug/l		VM1956
1,1,2-Trichloroethane	<3ug/l		VM1956
Benzene	<3ug/l		VM1956
trans-1,3-Dichloropropene	<3ug/l		VM1956
Bromoform	<3ug/l		VM1956
4-Methyl-2-pentanone	<10ug/l		VM1956
2-Hexanone	<10ug/l		VM1956
Tetrachloroethene	<3ug/l		VM1956
1,1,2,2-Tetrachloroethane	<3ug/l		VM1956
Toluene	<3ug/l		VM1956
Chlorobenzene	<3ug/l		VM1956
Ethylbenzene	<3ug/l		VM1956
Styrene	<3ug/l		VM1956
m-Xylene and p-Xylene	<3ug/l		VM1956
o-Xylene	<3ug/l		VM1956

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
SURFACE 3 1600H 06/23/98 G

ULI I.D.: 17698112
Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17698102
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
VAULT 1800H 06/23/98 G

ULI I.D.: 17698113 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<30ug/l	01	VM1956
Bromomethane	<30ug/l	01	VM1956
Vinyl Chloride	<20ug/l	01	VM1956
Chloroethane	<30ug/l	01	VM1956
Methylene Chloride	95ug/l		VM1956
Acetone	460ug/l		VM1956
Carbon Disulfide	<30ug/l	01	VM1956
1,1-Dichloroethene	<30ug/l	01	VM1956
1,1-Dichloroethane	<30ug/l	01	VM1956
trans-1,2-Dichloroethene	<30ug/l	01	VM1956
cis-1,2-Dichloroethene	<30ug/l	01	VM1956
Chloroform	<30ug/l	01	VM1956
1,2-Dichloroethane	<30ug/l	01	VM1956
2-Butanone	160ug/l		VM1956
1,1,1-Trichloroethane	<30ug/l	01	VM1956
Carbon Tetrachloride	<30ug/l	01	VM1956
Bromodichloromethane	<30ug/l	01	VM1956
1,2-Dichloropropane	<30ug/l	01	VM1956
cis-1,3-Dichloropropene	<30ug/l	01	VM1956
Trichloroethene	<30ug/l	01	VM1956
Dibromochloromethane	<30ug/l	01	VM1956
1,1,2-Trichloroethane	<30ug/l	01	VM1956
Benzene	<30ug/l	01	VM1956
trans-1,3-Dichloropropene	<30ug/l	01	VM1956
Bromoform	<30ug/l	01	VM1956
4-Methyl-2-pentanone	<100ug/l	01	VM1956
2-Hexanone	<100ug/l	01	VM1956
Tetrachloroethene	290ug/l		VM1956
1,1,2,2-Tetrachloroethane	<30ug/l	01	VM1956
Toluene	<30ug/l	01	VM1956
Chlorobenzene	<30ug/l	01	VM1956
Ethylbenzene	<30ug/l	01	VM1956
Styrene	<30ug/l	01	VM1956
m-Xylene and p-Xylene	<30ug/l	01	VM1956
o-Xylene	<30ug/l	01	VM1956

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

6/29 HOD

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

Client: Delta Environmental
Project #/ Project Name: Perry, NY
Client Contact: Ron Jenkens
Phone #: 412-487-7700
Address: Perry, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
MW-101 14-15	6/22/98	8:30	Soil	GRAB	17698 102	(1)			8	X	(X)							
MW-102 8-10	6/24/98	8:15	Soil		103	(1)				X	(X)							
MW 103 14-15	6/23/98	15:40	Soil		104	(1)				X	(X)							
MW 104 14-15	6/22/98	11:05	Soil		105	(1)				X	(X)							
MW 201 3028	6/22/98	15:50	Soil		106	(1)				X	(X)							
SED 1	6/23/98	18:30	Soil		107	(1)				X	(X)							
SED 2	6/23/98	16:25	Soil		108	(1)				X	(X)							
SED 3	6/23/98	16:00	Soil		109	(1)				X	(X)							
Surface 1	6/23/98	18:30	H2O		110	(2)			X		(X)							
Surface 2	6/23/98	18:25	H2O		111	(2)			X		(X)							
Surface 3	6/23/98	16:00	H2O		112	(2)			X		(X)							
VAULT	6/23/98	18:00	H2O	↓	113	(2)			X		(X)							

Remarks: TAT_____

Parameter and Method	Sample bottle: Type	Size	Preservative
1) Dissolved Chloride	Plastic	500 ml.	None
2) Dissolved Iron	Plastic	500 ml.	HNO_3
3) VOCs (EPA 8260)	Glass	(2) 40 ml.	1:1 HCl
4) VOCs (EPA 8260)	Glass	6 oz.	None
5) (%Solids)**			
6)			
7)			
8)			
9)			
10)			

Sampled by (Print): Ron Jenkins
Company: Delta

ULI Internal Use Only

Relinquished by: (sign)	Date	Time	Received by: (sign)
	6/24/98	1045	
Relinquished by: (sign)	Date	Time	Received by: (sign)
	6/24/98	4:00	
Relinquished by: (sign)	Date	Time	Rec'd for Lab by:
	6/24/98	4:45	S. Wilson

Syracuse Rochester Buffalo Albany **Binghamton** Fair Lawn (NJ)

06/22/98 SMP

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: GS
QC: JT JG
Lab I.D.: 10170
MW-101 0945H 06/25/98 G

ULI I.D.: 17798030 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
Dissolved Chloride	25mg/l		WC2236
Dissolved Iron	0.31mg/l		MB0074
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: GS
QC: JT JT
Lab I.D.: 10170
MW-102 1400H 06/25/98 G

ULI I.D.: 17798031 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
Dissolved Chloride	17mg/l		WC2236
Dissolved Iron	0.21mg/l		MB0074
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	7ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT JG
Report Number: 17798027 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI MW-103 1302H 06/25/98 G

ULI I.D.: 17798032 Matrix: Water

	PARAMETERS	RESULTS	KEY	FILE#
	Dissolved Chloride	15mg/l		WC2236
Dissolved	Iron	0.28mg/l		MB0074
	TCL Volatiles by EPA Method 8260			
	Chloromethane	<3ug/l		VM1959
	Bromomethane	<3ug/l		VM1959
	Vinyl Chloride	<2ug/l		VM1959
	Chloroethane	<3ug/l		VM1959
	Methylene Chloride	<3ug/l		VM1959
	Acetone	<10ug/l		VM1959
	Carbon Disulfide	<3ug/l		VM1959
	1,1-Dichloroethene	<3ug/l		VM1959
	1,1-Dichloroethane	<3ug/l		VM1959
	trans-1,2-Dichloroethene	<3ug/l		VM1959
	cis-1,2-Dichloroethene	<3ug/l		VM1959
	Chloroform	<3ug/l		VM1959
	1,2-Dichloroethane	<3ug/l		VM1959
	2-Butanone	<10ug/l		VM1959
	1,1,1-Trichloroethane	<3ug/l		VM1959
	Carbon Tetrachloride	<3ug/l		VM1959
	Bromodichloromethane	<3ug/l		VM1959
	1,2-Dichloropropane	<3ug/l		VM1959
	cis-1,3-Dichloropropene	<3ug/l		VM1959
	Trichloroethene	<3ug/l		VM1959
	Dibromochloromethane	<3ug/l		VM1959
	1,1,2-Trichloroethane	<3ug/l		VM1959
	Benzene	<3ug/l		VM1959
	trans-1,3-Dichloropropene	<3ug/l		VM1959
	Bromoform	<3ug/l		VM1959
	4-Methyl-2-pentanone	<10ug/l		VM1959
	2-Hexanone	<10ug/l		VM1959
	Tetrachloroethene	<3ug/l		VM1959
	1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
	Toluene	<3ug/l		VM1959
	Chlorobenzene	<3ug/l		VM1959
	Ethylbenzene	<3ug/l		VM1959
	Styrene	<3ug/l		VM1959
	m-Xylene and p-Xylene	<3ug/l		VM1959
	o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: QS
QC: JT JJ
Lab I.D.: 10170

MW-104 1050H 06/25/98 G

ULI I.D.: 17798027 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
Dissolved Chloride	41mg/l		WC2236
Dissolved Iron	0.43mg/l		MB0074
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: GS
Analysis Results QC: JT JT
Report Number: 17798027 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI MW-105 1255H 06/25/98 G

ULI I.D.: 17798028 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
Dissolved Chloride	29mg/l		WC2236
Dissolved Iron	0.52mg/l		MB0074
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	59ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	12ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	4ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	4ug/l		VM1959
Chloroform	6ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: GS
QC: JT
Lab I.D.: 10170

MW-201 1120H 06/25/98 G

ULI I.D.: 17798029 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
Dissolved Chloride	24mg/l		WC2236
Dissolved Iron	0.66mg/l		MB0074
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	6ug/l		VM1959
Acetone	37ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	12ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: CJS
QC: GT CJ
Lab I.D.: 10170
DUPE 1050H 06/25/98

ULI I.D.: 17798034 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1957
Bromomethane	<3ug/l		VM1957
Vinyl Chloride	<2ug/l		VM1957
Chloroethane	<3ug/l		VM1957
Methylene Chloride	13ug/l	44	VM1957
Acetone	<10ug/l		VM1957
Carbon Disulfide	<3ug/l		VM1957
1,1-Dichloroethene	<3ug/l		VM1957
1,1-Dichloroethane	<3ug/l		VM1957
trans-1,2-Dichloroethene	<3ug/l		VM1957
cis-1,2-Dichloroethene	<3ug/l		VM1957
Chloroform	<3ug/l		VM1957
1,2-Dichloroethane	<3ug/l		VM1957
2-Butanone	<10ug/l		VM1957
1,1,1-Trichloroethane	<3ug/l		VM1957
Carbon Tetrachloride	<3ug/l		VM1957
Bromodichloromethane	<3ug/l		VM1957
1,2-Dichloropropane	<3ug/l		VM1957
cis-1,3-Dichloropropene	<3ug/l		VM1957
Trichloroethene	<3ug/l		VM1957
Dibromochloromethane	<3ug/l		VM1957
1,1,2-Trichloroethane	<3ug/l		VM1957
Benzene	<3ug/l		VM1957
trans-1,3-Dichloropropene	<3ug/l		VM1957
Bromoform	<3ug/l		VM1957
4-Methyl-2-pentanone	<10ug/l		VM1957
2-Hexanone	<10ug/l		VM1957
Tetrachloroethene	<3ug/l		VM1957
1,1,2,2-Tetrachloroethane	<3ug/l		VM1957
Toluene	<3ug/l		VM1957
Chlorobenzene	<3ug/l		VM1957
Ethylbenzene	<3ug/l		VM1957
Styrene	<3ug/l		VM1957
m-Xylene and p-Xylene	<3ug/l		VM1957
o-Xylene	<3ug/l		VM1957

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

DATE: 06/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 17798027
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI

APPROVAL: _____
QC: _____
Lab I.D.: 10170
ULI TRIP BLANK 06/25/98

ULI I.D.: 17798036 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	13ug/l		VM1959
Bromomethane	3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	<3ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	<3ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

DATE: 06/30/98

Upstate Laboratories, Inc. APPROVAL: CJS
Analysis Results QC: JT
Report Number: 17798027 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: ULI EQUIPMENT BLANK 1416H 06/25/98 G

ULI I.D.: 17798035 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	20ug/l		VM1959
Bromomethane	<3ug/l		VM1959
Vinyl Chloride	<2ug/l		VM1959
Chloroethane	5ug/l		VM1959
Methylene Chloride	<3ug/l		VM1959
Acetone	<10ug/l		VM1959
Carbon Disulfide	<3ug/l		VM1959
1,1-Dichloroethene	<3ug/l		VM1959
1,1-Dichloroethane	<3ug/l		VM1959
trans-1,2-Dichloroethene	<3ug/l		VM1959
cis-1,2-Dichloroethene	<3ug/l		VM1959
Chloroform	<3ug/l		VM1959
1,2-Dichloroethane	<3ug/l		VM1959
2-Butanone	<10ug/l		VM1959
1,1,1-Trichloroethane	<3ug/l		VM1959
Carbon Tetrachloride	<3ug/l		VM1959
Bromodichloromethane	<3ug/l		VM1959
1,2-Dichloropropane	<3ug/l		VM1959
cis-1,3-Dichloropropene	<3ug/l		VM1959
Trichloroethene	<3ug/l		VM1959
Dibromochloromethane	<3ug/l		VM1959
1,1,2-Trichloroethane	<3ug/l		VM1959
Benzene	7ug/l		VM1959
trans-1,3-Dichloropropene	<3ug/l		VM1959
Bromoform	<3ug/l		VM1959
4-Methyl-2-pentanone	<10ug/l		VM1959
2-Hexanone	<10ug/l		VM1959
Tetrachloroethene	<3ug/l		VM1959
1,1,2,2-Tetrachloroethane	<3ug/l		VM1959
Toluene	<3ug/l		VM1959
Chlorobenzene	<3ug/l		VM1959
Ethylbenzene	<3ug/l		VM1959
Styrene	<3ug/l		VM1959
m-Xylene and p-Xylene	<3ug/l		VM1959
o-Xylene	<3ug/l		VM1959

6/29 HDD

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

Client: Delta Environmental
Project #/ Project Name: Perry, NY
Client Contact: Ron Jenkens
Phone #: 412-487-7700
Address: Perry, NY FAX 412-487-9785

Remarks: TAT MONDAY AM 1200

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
MW-104	6/25/98	1050	WATER	GRAB	17798027	(4)	X	X	X									
MW-105		1255			28	(4)	X	X	X									
MW-201		1120			29	(4)	X	X	X									
MW-101		0945			30	(4)	X	X	X									
MW-102		1400			31	(4)	X	X	X									
MW-103		1302			32	(4)	X	X	X									
MW-105 14-15	6/24/98	1725	SOIL	GRAB	33	(1)				X	(X)							
DUPE	6/25/98	1050	water		34	(1)			X									
EQUIPMENT BLANK	6/25/98	1416	water	Grab	35	(2)			X									
TRIP BLANK			water		36	(1)			X									

Parameter and Method	Sample bottle: Type	Size	Preservative
1) Dissolved Chloride	Plastic	500 ml.	None
2) Dissolved Iron	Plastic	500 ml.	HNO_3
3) VOCs (EPA 8260)	Glass	(2) 40 ml.	1:1 HCl
4) VOCs (EPA 8260)	Glass	6 oz.	None
5) (% solids)			
6)			
7)			
8)			
9)			
10)			

Sampled by (Print): PETE Rundell
Company: ULI

	Date	Time	
Relinquished by:(sign)			Received by: (sign)
Relinquished by:(sign)			Received by: (sign)
Relinquished by:(sign)	6/25/98	5:40	Rec'd for Lab by: H Done

ULI Internal Use Only

Syracuse Rochester Buffalo Albany **Binghamton** Fair Lawn (NJ)

06/22/98 SMP

JUL 27 1998

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
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Rochester (716) 436-9070
New Jersey (201) 703-1324

July 22, 1998

Mr. Steve Zbur
Unit Manager
Delta Environmental Consultants
4068 Mt. Royal Blvd.
Suite 225 - Gamma
Allison Park, PA 15101

Re: Analysis Report #19698140 - Perry NY

Dear Mr. Zbur:

Please find enclosed the results for your samples which were picked up by ULI personnel on July 15, 1998.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Director

AJS/jd

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 7/17/98. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 07/22/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 19698140
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: AS
QC: JT
Lab I.D.: 10170
SB-7 1245H 07/15/98 G

ULI I.D.: 19698140 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	Percent Solids	82%		WC2449
Total	Lead	<13mg/kg dw		MB0135
	TCL Volatiles by EPA Method 8260			
	Chloromethane	<4ug/kg dw		VM1975
	Bromomethane	<4ug/kg dw		VM1975
	Vinyl Chloride	<2ug/kg dw		VM1975
	Chloroethane	<4ug/kg dw		VM1975
	Methylene Chloride	13ug/kg dw	44	VM1975
	Acetone	23ug/kg dw	44	VM1975
	Carbon Disulfide	<4ug/kg dw		VM1975
	1,1-Dichloroethene	<4ug/kg dw		VM1975
	1,1-Dichloroethane	<4ug/kg dw		VM1975
	trans-1,2-Dichloroethene	<4ug/kg dw		VM1975
	cis-1,2-Dichloroethene	<4ug/kg dw		VM1975
	Chloroform	<4ug/kg dw		VM1975
	1,2-Dichloroethane	<4ug/kg dw		VM1975
	2-Butanone	<12ug/kg dw		VM1975
	1,1,1-Trichloroethane	<4ug/kg dw		VM1975
	Carbon Tetrachloride	<4ug/kg dw		VM1975
	Bromodichloromethane	<4ug/kg dw		VM1975
	1,2-Dichloropropane	<4ug/kg dw		VM1975
	cis-1,3-Dichloropropene	<4ug/kg dw		VM1975
	Trichloroethene	<4ug/kg dw		VM1975
	Dibromochloromethane	<4ug/kg dw		VM1975
	1,1,2-Trichloroethane	<4ug/kg dw		VM1975
	Benzene	<4ug/kg dw		VM1975
	trans-1,3-Dichloropropene	<4ug/kg dw		VM1975
	Bromoform	<4ug/kg dw		VM1975
	4-Methyl-2-pentanone	<12ug/kg dw		VM1975
	2-Hexanone	<12ug/kg dw		VM1975
	Tetrachloroethene	<4ug/kg dw		VM1975
	1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1975
	Toluene	<4ug/kg dw		VM1975
	Chlorobenzene	<4ug/kg dw		VM1975
	Ethylbenzene	<4ug/kg dw		VM1975
	Styrene	<4ug/kg dw		VM1975
	m-Xylene and p-Xylene	<4ug/kg dw		VM1975
	o-Xylene	<4ug/kg dw		VM1975

dw = Dry weight

DATE: 07/22/98

ostate Laboratories, Inc. APPROVAL: AS
alysis Results QC: JT
Report Number: 19698140 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-8 1015H 07/15/98 G

ULI I.D.: 19698141 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	84%		WC2449
Total Lead	<12mg/kg dw		MB0135
TCL Volatiles by EPA Method 8260			
Chloromethane	<36ug/kg dw	05	VM1975
Bromomethane	<36ug/kg dw	05	VM1975
Vinyl Chloride	<24ug/kg dw	05	VM1975
Chloroethane	<36ug/kg dw	05	VM1975
Methylene Chloride	160ug/kg dw	44	VM1975
Acetone	210ug/kg dw	44	VM1975
Carbon Disulfide	<36ug/kg dw	05	VM1975
1,1-Dichloroethene	<36ug/kg dw	05	VM1975
1,1-Dichloroethane	<36ug/kg dw	05	VM1975
trans-1,2-Dichloroethene	<36ug/kg dw	05	VM1975
cis-1,2-Dichloroethene	<36ug/kg dw	05	VM1975
Chloroform	<36ug/kg dw	05	VM1975
1,2-Dichloroethane	<36ug/kg dw	05	VM1975
2-Butanone	<120ug/kg dw	05	VM1975
1,1,1-Trichloroethane	<36ug/kg dw	05	VM1975
Carbon Tetrachloride	<36ug/kg dw	05	VM1975
Bromodichloromethane	<36ug/kg dw	05	VM1975
1,2-Dichloropropane	<36ug/kg dw	05	VM1975
cis-1,3-Dichloropropene	<36ug/kg dw	05	VM1975
Trichloroethene	<36ug/kg dw	05	VM1975
Dibromochloromethane	<36ug/kg dw	05	VM1975
1,1,2-Trichloroethane	<36ug/kg dw	05	VM1975
Benzene	<36ug/kg dw	05	VM1975
trans-1,3-Dichloropropene	<36ug/kg dw	05	VM1975
Bromoform	<36ug/kg dw	05	VM1975
4-Methyl-2-pentanone	<120ug/kg dw	05	VM1975
2-Hexanone	<120ug/kg dw	05	VM1975
Tetrachloroethene	<36ug/kg dw	05	VM1975
1,1,2,2-Tetrachloroethane	<36ug/kg dw	05	VM1975
Toluene	<36ug/kg dw	05	VM1975
Chlorobenzene	<36ug/kg dw	05	VM1975
Ethylbenzene	71ug/kg dw		VM1975
Styrene	<36ug/kg dw	05	VM1975
m-Xylene and p-Xylene	300ug/kg dw		VM1975
o-Xylene	<36ug/kg dw	05	VM1975

dw = Dry weight

DATE: 07/22/98

Upstate Laboratories, Inc. APPROVAL: QJS
Analysis Results QC: JT
Report Number: 19698140 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-9 1155H 07/15/98 G

ULI I.D.: 19698142 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	86%		WC2449
Total Lead	17mg/kg dw		MB0135
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1975
Bromomethane	<3ug/kg dw		VM1975
Vinyl Chloride	<2ug/kg dw		VM1975
Chloroethane	<3ug/kg dw		VM1975
Methylene Chloride	11ug/kg dw	44	VM1975
Acetone	29ug/kg dw	44	VM1975
Carbon Disulfide	<3ug/kg dw		VM1975
1,1-Dichloroethene	<3ug/kg dw		VM1975
1,1-Dichloroethane	<3ug/kg dw		VM1975
trans-1,2-Dichloroethene	<3ug/kg dw		VM1975
cis-1,2-Dichloroethene	<3ug/kg dw		VM1975
Chloroform	<3ug/kg dw		VM1975
1,2-Dichloroethane	<3ug/kg dw		VM1975
2-Butanone	<12ug/kg dw		VM1975
1,1,1-Trichloroethane	<3ug/kg dw		VM1975
Carbon Tetrachloride	<3ug/kg dw		VM1975
Bromodichloromethane	<3ug/kg dw		VM1975
1,2-Dichloropropane	<3ug/kg dw		VM1975
cis-1,3-Dichloropropene	<3ug/kg dw		VM1975
Trichloroethene	<3ug/kg dw		VM1975
Dibromochloromethane	<3ug/kg dw		VM1975
1,1,2-Trichloroethane	<3ug/kg dw		VM1975
Benzene	<3ug/kg dw		VM1975
trans-1,3-Dichloropropene	<3ug/kg dw		VM1975
Bromoform	<3ug/kg dw		VM1975
4-Methyl-2-pentanone	<12ug/kg dw		VM1975
2-Hexanone	<12ug/kg dw		VM1975
Tetrachloroethene	<3ug/kg dw		VM1975
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1975
Toluene	<3ug/kg dw		VM1975
Chlorobenzene	<3ug/kg dw		VM1975
Ethylbenzene	<3ug/kg dw		VM1975
Styrene	<3ug/kg dw		VM1975
m-Xylene and p-Xylene	<3ug/kg dw		VM1975
o-Xylene	<3ug/kg dw		VM1975

dw = Dry weight

DATE: 07/22/98

"ostate Laboratories, Inc. APPROVAL: AJS
alysis Results QC: JT
Report Number: 19698140 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-10 1115H 07/15/98 G

ULI I.D.: 19698143 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	Percent Solids	89%		WC2449
Total	Lead	12mg/kg dw		MB0135
	TCL Volatiles by EPA Method 8260			
	Chloromethane	<3ug/kg dw		VM1975
	Bromomethane	<3ug/kg dw		VM1975
	Vinyl Chloride	<2ug/kg dw		VM1975
	Chloroethane	<3ug/kg dw		VM1975
	Methylene Chloride	22ug/kg dw	44	VM1975
	Acetone	40ug/kg dw	44	VM1975
	Carbon Disulfide	<3ug/kg dw		VM1975
	1,1-Dichloroethene	<3ug/kg dw		VM1975
	1,1-Dichloroethane	<3ug/kg dw		VM1975
	trans-1,2-Dichloroethene	<3ug/kg dw		VM1975
	cis-1,2-Dichloroethene	<3ug/kg dw		VM1975
	Chloroform	<3ug/kg dw		VM1975
	1,2-Dichloroethane	<3ug/kg dw		VM1975
	2-Butanone	<11ug/kg dw		VM1975
	1,1,1-Trichloroethane	<3ug/kg dw		VM1975
	Carbon Tetrachloride	<3ug/kg dw		VM1975
	Bromodichloromethane	<3ug/kg dw		VM1975
	1,2-Dichloropropane	<3ug/kg dw		VM1975
	cis-1,3-Dichloropropene	<3ug/kg dw		VM1975
	Trichloroethene	<3ug/kg dw		VM1975
	Dibromochloromethane	<3ug/kg dw		VM1975
	1,1,2-Trichloroethane	<3ug/kg dw		VM1975
	Benzene	<3ug/kg dw		VM1975
	trans-1,3-Dichloropropene	<3ug/kg dw		VM1975
	Bromoform	<3ug/kg dw		VM1975
	4-Methyl-2-pentanone	<11ug/kg dw		VM1975
	2-Hexanone	<11ug/kg dw		VM1975
	Tetrachloroethene	<3ug/kg dw		VM1975
	1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1975
	Toluene	<3ug/kg dw		VM1975
	Chlorobenzene	<3ug/kg dw		VM1975
	Ethylbenzene	<3ug/kg dw		VM1975
	Styrene	<3ug/kg dw		VM1975
	m-Xylene and p-Xylene	<3ug/kg dw		VM1975
	o-Xylene	<3ug/kg dw		VM1975

dw = Dry weight

DATE: 07/22/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 19698140
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-7 1245H 07/15/98 G

ULI I.D.: 19698144
Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1979
Bromomethane	<3ug/l		VM1979
Vinyl Chloride	<2ug/l		VM1979
Chloroethane	<3ug/l		VM1979
Methylene Chloride	17ug/l	44	VM1979
Acetone	<10ug/l		VM1979
Carbon Disulfide	<3ug/l		VM1979
1,1-Dichloroethene	<3ug/l		VM1979
1,1-Dichloroethane	<3ug/l		VM1979
trans-1,2-Dichloroethene	<3ug/l		VM1979
cis-1,2-Dichloroethene	<3ug/l		VM1979
Chloroform	<3ug/l		VM1979
1,2-Dichloroethane	<3ug/l		VM1979
2-Butanone	<10ug/l		VM1979
1,1,1-Trichloroethane	<3ug/l		VM1979
Carbon Tetrachloride	<3ug/l		VM1979
Bromodichloromethane	<3ug/l		VM1979
1,2-Dichloropropane	<3ug/l		VM1979
cis-1,3-Dichloropropene	<3ug/l		VM1979
Trichloroethene	<3ug/l		VM1979
Dibromochloromethane	<3ug/l		VM1979
1,1,2-Trichloroethane	<3ug/l		VM1979
Benzene	<3ug/l		VM1979
trans-1,3-Dichloropropene	<3ug/l		VM1979
Bromoform	<3ug/l		VM1979
4-Methyl-2-pentanone	<10ug/l		VM1979
2-Hexanone	<10ug/l		VM1979
Tetrachloroethene	<3ug/l		VM1979
1,1,2,2-Tetrachloroethane	<3ug/l		VM1979
Toluene	4ug/l		VM1979
Chlorobenzene	<3ug/l		VM1979
Ethylbenzene	<3ug/l		VM1979
Styrene	<3ug/l		VM1979
m-Xylene and p-Xylene	<3ug/l		VM1979
o-Xylene	<3ug/l		VM1979

DATE: 07/22/98

Tristate Laboratories, Inc. APPROVAL: QJS
Analysis Results QC: ST
Report Number: 19698140 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-9 1155H 07/15/98 G

ULI I.D.: 19698145 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1979
Bromomethane	<3ug/l		VM1979
Vinyl Chloride	<2ug/l		VM1979
Chloroethane	<3ug/l		VM1979
Methylene Chloride	14ug/l	44	VM1979
Acetone	<10ug/l		VM1979
Carbon Disulfide	<3ug/l		VM1979
1,1-Dichloroethene	<3ug/l		VM1979
1,1-Dichloroethane	<3ug/l		VM1979
trans-1,2-Dichloroethene	<3ug/l		VM1979
cis-1,2-Dichloroethene	<3ug/l		VM1979
Chloroform	<3ug/l		VM1979
1,2-Dichloroethane	<3ug/l		VM1979
2-Butanone	<10ug/l		VM1979
1,1,1-Trichloroethane	<3ug/l		VM1979
Carbon Tetrachloride	<3ug/l		VM1979
Bromodichloromethane	<3ug/l		VM1979
1,2-Dichloropropane	<3ug/l		VM1979
cis-1,3-Dichloropropene	<3ug/l		VM1979
Trichloroethene	<3ug/l		VM1979
Dibromochloromethane	<3ug/l		VM1979
1,1,2-Trichloroethane	<3ug/l		VM1979
Benzene	<3ug/l		VM1979
trans-1,3-Dichloropropene	<3ug/l		VM1979
Bromoform	<3ug/l		VM1979
4-Methyl-2-pentanone	<10ug/l		VM1979
2-Hexanone	<10ug/l		VM1979
Tetrachloroethene	<3ug/l		VM1979
1,1,2,2-Tetrachloroethane	<3ug/l		VM1979
Toluene	5ug/l		VM1979
Chlorobenzene	<3ug/l		VM1979
Ethylbenzene	<3ug/l		VM1979
Styrene	<3ug/l		VM1979
m-Xylene and p-Xylene	3ug/l		VM1979
o-Xylene	<3ug/l		VM1979

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Upstate Laboratories, Inc.

4 Corporate Drive E. Syracuse New York 13057
) 437 0255 Fax 437 1209

Chain of Custody Record

ta Environmental

Project # / Project Name: Perry, NY

Contact: ~~Jenkens~~ PATRICK HALLER

Phone #: 412-487-7700

Address: Perry, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) VOCs	2) LEAD	3) VOCs	4)	5)	6)	7)	8)	9)	10)	11)	12)	Remarks
B-7	7/15/98	1245	SOIL	G	19698140	1	X			(X)									TAT 24 HRS
B-7		1248				1		X											
B-8		1015			141	1	X			(X)									HOT!
B-8		1015				1		X											↓
B-9		1155			142	1	X			(X)									
B-9		1155				1		X											
B-10		1115			143	1	X			(X)									
B-10	↓	1115	↓	↓		1		X											
B-7	7/15/98	1245	WATER	G	144	3			X										
B-9	↓	1155		↓	145	3			X										

imeter and Method	Sample bottle:	Type	Size	Preservative
Pb		Glass	8 oz.	None
OCs (EPA 8260)		Glass	~~(2) 40 ml.~~	1:1 HCl
OCs (EPA 8260)		Glass	~~4 oz.~~	None
(% Solids)**				

Sampled by (Print): Patrick Haller

Company:

Relinquished by:(sign)	Date	Time	Received by: (sign)
	7/15/98	1300	
Relinquished by:(sign)	Date	Time	Received by: (sign)
Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
	7/15/98	1450	

ULI Internal Use Only

Syracuse Rochester Buffalo Albany **Binghamton** Fair Lawn (NJ)

07/09/98 SMP

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
Mailing: Box 289 • Syracuse, NY 13206
Albany (518) 459-3134
Binghamton (607) 724-0478
Buffalo (716) 649-2533
Rochester (716) 436-9070
New Jersey (201) 703-1324

AUG - 5 1998

July 30, 1998

Mr. Steve Zbur
Unit Manager
Delta Environmental Consultants
4068 Mt. Royal Blvd.
Suite 225 - Gamma
Allison Park, PA 15101

Re: Analysis Report #20198158 - Perry NY

Dear Mr. Zbur:

Please find enclosed the results for your samples which were received on July 20, 1998.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Director

AJS/jd

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 7/27/98. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-11 1320H 07/15/98 G

ULI I.D.: 20198158 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	84%		WC2521
Total Lead	13mg/kg dw		MB0176
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1995
Bromomethane	<4ug/kg dw		VM1995
Vinyl Chloride	<2ug/kg dw		VM1995
Chloroethane	<4ug/kg dw		VM1995
Methylene Chloride	<4ug/kg dw		VM1995
Acetone	<12ug/kg dw		VM1995
Carbon Disulfide	<4ug/kg dw		VM1995
1,1-Dichloroethene	<4ug/kg dw		VM1995
1,1-Dichloroethane	<4ug/kg dw		VM1995
trans-1,2-Dichloroethene	<4ug/kg dw		VM1995
cis-1,2-Dichloroethene	<4ug/kg dw		VM1995
Chloroform	<4ug/kg dw		VM1995
1,2-Dichloroethane	<4ug/kg dw		VM1995
2-Butanone	<12ug/kg dw		VM1995
1,1,1-Trichloroethane	<4ug/kg dw		VM1995
Carbon Tetrachloride	<4ug/kg dw		VM1995
Bromodichloromethane	<4ug/kg dw		VM1995
1,2-Dichloropropane	<4ug/kg dw		VM1995
cis-1,3-Dichloropropene	<4ug/kg dw		VM1995
Trichloroethene	<4ug/kg dw		VM1995
Dibromochloromethane	<4ug/kg dw		VM1995
1,1,2-Trichloroethane	<4ug/kg dw		VM1995
Benzene	<4ug/kg dw		VM1995
trans-1,3-Dichloropropene	<4ug/kg dw		VM1995
Bromoform	<4ug/kg dw		VM1995
4-Methyl-2-pentanone	<12ug/kg dw		VM1995
2-Hexanone	<12ug/kg dw		VM1995
Tetrachloroethene	<4ug/kg dw		VM1995
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1995
Toluene	8ug/kg dw		VM1995
Chlorobenzene	<4ug/kg dw		VM1995
Ethylbenzene	320ug/kg dw		VM1995
Styrene	<4ug/kg dw		VM1995
m-Xylene and p-Xylene	1100ug/kg dw		VM1995
o-Xylene	12ug/kg dw		VM1995

dw = Dry weight

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-11 1320H 07/15/98 G

ULI I.D.: 20198159 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1992
Bromomethane	<3ug/l		VM1992
Vinyl Chloride	<2ug/l		VM1992
Chloroethane	<3ug/l		VM1992
Methylene Chloride	<3ug/l		VM1992
Acetone	<10ug/l		VM1992
Carbon Disulfide	<3ug/l		VM1992
1,1-Dichloroethene	<3ug/l		VM1992
1,1-Dichloroethane	<3ug/l		VM1992
trans-1,2-Dichloroethene	<3ug/l		VM1992
cis-1,2-Dichloroethene	<3ug/l		VM1992
Chloroform	<3ug/l		VM1992
1,2-Dichloroethane	<3ug/l		VM1992
2-Butanone	<10ug/l		VM1992
1,1,1-Trichloroethane	<3ug/l		VM1992
Carbon Tetrachloride	<3ug/l		VM1992
Bromodichloromethane	<3ug/l		VM1992
1,2-Dichloropropane	<3ug/l		VM1992
cis-1,3-Dichloropropene	<3ug/l		VM1992
Trichloroethene	<3ug/l		VM1992
Dibromochloromethane	<3ug/l		VM1992
1,1,2-Trichloroethane	<3ug/l		VM1992
Benzene	3ug/l		VM1992
trans-1,3-Dichloropropene	<3ug/l		VM1992
Bromoform	<3ug/l		VM1992
4-Methyl-2-pentanone	<10ug/l		VM1992
2-Hexanone	<10ug/l		VM1992
Tetrachloroethene	<3ug/l		VM1992
1,1,2,2-Tetrachloroethane	<3ug/l		VM1992
Toluene	7ug/l		VM1992
Chlorobenzene	<3ug/l		VM1992
Ethylbenzene	320ug/l		VM1992
Styrene	<3ug/l		VM1992
m-Xylene and p-Xylene	770ug/l		VM1992
o-Xylene	9ug/l		VM1992

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QJS
Analysis Results QC: JT
eport Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-12 1515H 07/15/98 G

ULI I.D.: 20198160 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	Percent Solids	88%		WC2520
Total	Lead	<11mg/kg dw		MB0176
	TCL Volatiles by EPA Method 8260			
	Chloromethane	<3ug/kg dw		VM1995
	Bromomethane	<3ug/kg dw		VM1995
	Vinyl Chloride	<2ug/kg dw		VM1995
	Chloroethane	<3ug/kg dw		VM1995
	Methylene Chloride	6ug/kg dw	44	VM1995
	Acetone	<11ug/kg dw		VM1995
	Carbon Disulfide	<3ug/kg dw		VM1995
	1,1-Dichloroethene	<3ug/kg dw		VM1995
	1,1-Dichloroethane	<3ug/kg dw		VM1995
	trans-1,2-Dichloroethene	<3ug/kg dw		VM1995
	cis-1,2-Dichloroethene	<3ug/kg dw		VM1995
	Chloroform	<3ug/kg dw		VM1995
	1,2-Dichloroethane	<3ug/kg dw		VM1995
	2-Butanone	<11ug/kg dw		VM1995
	1,1,1-Trichloroethane	<3ug/kg dw		VM1995
	Carbon Tetrachloride	<3ug/kg dw		VM1995
	Bromodichloromethane	<3ug/kg dw		VM1995
	1,2-Dichloropropane	<3ug/kg dw		VM1995
	cis-1,3-Dichloropropene	<3ug/kg dw		VM1995
	Trichloroethene	<3ug/kg dw		VM1995
	Dibromochloromethane	<3ug/kg dw		VM1995
	1,1,2-Trichloroethane	<3ug/kg dw		VM1995
	Benzene	<3ug/kg dw		VM1995
	trans-1,3-Dichloropropene	<3ug/kg dw		VM1995
	Bromoform	<3ug/kg dw		VM1995
	4-Methyl-2-pentanone	<11ug/kg dw		VM1995
	2-Hexanone	<11ug/kg dw		VM1995
	Tetrachloroethene	<3ug/kg dw		VM1995
	1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1995
	Toluene	<3ug/kg dw		VM1995
	Chlorobenzene	<3ug/kg dw		VM1995
	Ethylbenzene	<3ug/kg dw		VM1995
	Styrene	<3ug/kg dw		VM1995
	m-Xylene and p-Xylene	<3ug/kg dw		VM1995
	o-Xylene	<3ug/kg dw		VM1995

dw = Dry weight

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: AS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-14 1730H 07/15/98 G

ULI I.D.: 20198161 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WC2540
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1992
Bromomethane	<4ug/kg dw		VM1992
Vinyl Chloride	<2ug/kg dw		VM1992
Chloroethane	<4ug/kg dw		VM1992
Methylene Chloride	7ug/kg dw	44	VM1992
Acetone	25ug/kg dw	44	VM1992
Carbon Disulfide	<4ug/kg dw		VM1992
1,1-Dichloroethene	<4ug/kg dw		VM1992
1,1-Dichloroethane	7ug/kg dw		VM1992
trans-1,2-Dichloroethene	<4ug/kg dw		VM1992
cis-1,2-Dichloroethene	<4ug/kg dw		VM1992
Chloroform	<4ug/kg dw		VM1992
1,2-Dichloroethane	14ug/kg dw		VM1992
2-Butanone	<12ug/kg dw		VM1992
1,1,1-Trichloroethane	72ug/kg dw		VM1992
Carbon Tetrachloride	<4ug/kg dw		VM1992
Bromodichloromethane	<4ug/kg dw		VM1992
1,2-Dichloropropane	<4ug/kg dw		VM1992
cis-1,3-Dichloropropene	<4ug/kg dw		VM1992
Trichloroethene	<4ug/kg dw		VM1992
Dibromochloromethane	<4ug/kg dw		VM1992
1,1,2-Trichloroethane	<4ug/kg dw		VM1992
Benzene	<4ug/kg dw		VM1992
trans-1,3-Dichloropropene	<4ug/kg dw		VM1992
Bromoform	<4ug/kg dw		VM1992
4-Methyl-2-pentanone	<12ug/kg dw		VM1992
2-Hexanone	<12ug/kg dw		VM1992
Tetrachloroethene	110ug/kg dw		VM1992
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1992
Toluene	8ug/kg dw		VM1992
Chlorobenzene	<4ug/kg dw		VM1992
Ethylbenzene	<4ug/kg dw		VM1992
Styrene	<4ug/kg dw		VM1992
m-Xylene and p-Xylene	27ug/kg dw		VM1992
o-Xylene	38ug/kg dw		VM1992

dw = Dry weight

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QJS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-13 1730H 07/15/98 G

ULI I.D.: 20198162 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<30ug/l	05	VM1992
Bromomethane	<30ug/l	05	VM1992
Vinyl Chloride	<20ug/l	05	VM1992
Chloroethane	300ug/l		VM1992
Methylene Chloride	530ug/l		VM1992
Acetone	<100ug/l	05	VM1992
Carbon Disulfide	<30ug/l	05	VM1992
1,1-Dichloroethene	<30ug/l	05	VM1992
1,1-Dichloroethane	8100ug/l		VM1992
trans-1,2-Dichloroethene	<30ug/l	05	VM1992
cis-1,2-Dichloroethene	40ug/l		VM1992
Chloroform	<30ug/l	05	VM1992
1,2-Dichloroethane	55ug/l		VM1992
2-Butanone	<100ug/l	05	VM1992
1,1,1-Trichloroethane	80ug/l		VM1992
Carbon Tetrachloride	<30ug/l	05	VM1992
Bromodichloromethane	<30ug/l	05	VM1992
1,2-Dichloropropane	<30ug/l	05	VM1992
cis-1,3-Dichloropropene	<30ug/l	05	VM1992
Trichloroethene	<30ug/l	05	VM1992
Dibromochloromethane	<30ug/l	05	VM1992
1,1,2-Trichloroethane	<30ug/l	05	VM1992
Benzene	<30ug/l	05	VM1992
trans-1,3-Dichloropropene	<30ug/l	05	VM1992
Bromoform	<30ug/l	05	VM1992
4-Methyl-2-pentanone	<100ug/l	05	VM1992
2-Hexanone	<100ug/l	05	VM1992
Tetrachloroethene	<30ug/l	05	VM1992
1,1,2,2-Tetrachloroethane	<30ug/l	05	VM1992
Toluene	78,000ug/l		VM1992
Chlorobenzene	<30ug/l	05	VM1992
Ethylbenzene	110ug/l		VM1992
Styrene	<30ug/l	05	VM1992
m-Xylene and p-Xylene	380ug/l		VM1992
o-Xylene	280ug/l		VM1992

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QJS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SB-13 1815H 07/15/98 G

ULI I.D.: 20198163 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WC2540
TCL Volatiles by EPA Method 8260			
Chloromethane	<9ug/kg dw	05	VM1994
Bromomethane	<9ug/kg dw	05	VM1994
Vinyl Chloride	<6ug/kg dw	05	VM1994
Chloroethane	<9ug/kg dw	05	VM1994
Methylene Chloride	130ug/kg dw		VM1994
Acetone	140ug/kg dw		VM1994
Carbon Disulfide	<9ug/kg dw	05	VM1994
1,1-Dichloroethene	<9ug/kg dw	05	VM1994
1,1-Dichloroethane	1500ug/kg dw		VM1994
trans-1,2-Dichloroethene	<9ug/kg dw	05	VM1994
cis-1,2-Dichloroethene	95ug/kg dw		VM1994
Chloroform	<9ug/kg dw	05	VM1994
1,2-Dichloroethane	40ug/kg dw		VM1994
2-Butanone	<29ug/kg dw	05	VM1994
1,1,1-Trichloroethane	700ug/kg dw		VM1994
Carbon Tetrachloride	<9ug/kg dw	05	VM1994
Bromodichloromethane	<9ug/kg dw	05	VM1994
1,2-Dichloropropane	<9ug/kg dw	05	VM1994
cis-1,3-Dichloropropene	<9ug/kg dw	05	VM1994
Trichloroethene	22ug/kg dw		VM1994
Dibromochloromethane	<9ug/kg dw	05	VM1994
1,1,2-Trichloroethane	<9ug/kg dw	05	VM1994
Benzene	<9ug/kg dw	05	VM1994
trans-1,3-Dichloropropene	<9ug/kg dw	05	VM1994
Bromoform	<9ug/kg dw	05	VM1994
4-Methyl-2-pentanone	<29ug/kg dw	05	VM1994
2-Hexanone	<29ug/kg dw	05	VM1994
Tetrachloroethene	530ug/kg dw		VM1994
1,1,2,2-Tetrachloroethane	<9ug/kg dw	05	VM1994
Toluene	140,000ug/kg dw		VM1994
Chlorobenzene	<9ug/kg dw	05	VM1994
Ethylbenzene	640ug/kg dw		VM1994
Styrene	<9ug/kg dw	05	VM1994
m-Xylene and p-Xylene	4000ug/kg dw		VM1994
o-Xylene	3500ug/kg dw		VM1994

dw = Dry weight

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 20198158
lient I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-14 1815H 07/15/98 G

ULI I.D.: 20198164
Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1992
Bromomethane	<3ug/l		VM1992
Vinyl Chloride	<2ug/l		VM1992
Chloroethane	<3ug/l		VM1992
Methylene Chloride	<3ug/l		VM1992
Acetone	31ug/l		VM1992
Carbon Disulfide	<3ug/l		VM1992
1,1-Dichloroethene	<3ug/l		VM1992
1,1-Dichloroethane	20ug/l		VM1992
trans-1,2-Dichloroethene	<3ug/l		VM1992
cis-1,2-Dichloroethene	3ug/l		VM1992
Chloroform	<3ug/l		VM1992
1,2-Dichloroethane	37ug/l		VM1992
2-Butanone	<10ug/l		VM1992
1,1,1-Trichloroethane	250ug/l		VM1992
Carbon Tetrachloride	<3ug/l		VM1992
Bromodichloromethane	<3ug/l		VM1992
1,2-Dichloropropane	<3ug/l		VM1992
cis-1,3-Dichloropropene	<3ug/l		VM1992
Trichloroethene	<3ug/l		VM1992
Dibromochloromethane	<3ug/l		VM1992
1,1,2-Trichloroethane	<3ug/l		VM1992
Benzene	<3ug/l		VM1992
trans-1,3-Dichloropropene	<3ug/l		VM1992
Bromoform	<3ug/l		VM1992
4-Methyl-2-pentanone	<10ug/l		VM1992
2-Hexanone	<10ug/l		VM1992
Tetrachloroethene	34ug/l		VM1992
1,1,2,2-Tetrachloroethane	<3ug/l		VM1992
Toluene	<3ug/l		VM1992
Chlorobenzene	<3ug/l		VM1992
Ethylbenzene	<3ug/l		VM1992
Styrene	<3ug/l		VM1992
m-Xylene and p-Xylene	13ug/l		VM1992
o-Xylene	35ug/l		VM1992

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
eport Number: 20198158
lient I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QJS
QC: JJ
Lab I.D.: 10170
SB-15 1920H 07/15/98 G

ULI I.D.: 20198165 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	90%		WC2540
TCL Volatiles by EPA Method 8260			
Chloromethane	<8ug/kg dw	05	VM1995
Bromomethane	<8ug/kg dw	05	VM1995
Vinyl Chloride	<6ug/kg dw	05	VM1995
Chloroethane	<8ug/kg dw	05	VM1995
Methylene Chloride	23ug/kg dw	44	VM1995
Acetone	<28ug/kg dw	05	VM1995
Carbon Disulfide	<8ug/kg dw	05	VM1995
1,1-Dichloroethene	<8ug/kg dw	05	VM1995
1,1-Dichloroethane	50ug/kg dw		VM1995
trans-1,2-Dichloroethene	<8ug/kg dw	05	VM1995
cis-1,2-Dichloroethene	<8ug/kg dw	05	VM1995
Chloroform	<8ug/kg dw	05	VM1995
1,2-Dichloroethane	<8ug/kg dw	05	VM1995
2-Butanone	<28ug/kg dw	05	VM1995
1,1,1-Trichloroethane	<8ug/kg dw	05	VM1995
Carbon Tetrachloride	<8ug/kg dw	05	VM1995
Bromodichloromethane	<8ug/kg dw	05	VM1995
1,2-Dichloropropane	<8ug/kg dw	05	VM1995
cis-1,3-Dichloropropene	<8ug/kg dw	05	VM1995
Trichloroethene	<8ug/kg dw	05	VM1995
Dibromochloromethane	<8ug/kg dw	05	VM1995
1,1,2-Trichloroethane	<8ug/kg dw	05	VM1995
Benzene	<8ug/kg dw	05	VM1995
trans-1,3-Dichloropropene	<8ug/kg dw	05	VM1995
Bromoform	<8ug/kg dw	05	VM1995
4-Methyl-2-pentanone	<28ug/kg dw	05	VM1995
2-Hexanone	<28ug/kg dw	05	VM1995
Tetrachloroethene	57ug/kg dw		VM1995
1,1,2,2-Tetrachloroethane	<8ug/kg dw	05	VM1995
Toluene	12,000ug/kg dw		VM1995
Chlorobenzene	<8ug/kg dw	05	VM1995
Ethylbenzene	290ug/kg dw		VM1995
Styrene	<8ug/kg dw	05	VM1995
m-Xylene and p-Xylene	950ug/kg dw		VM1995
o-Xylene	900ug/kg dw		VM1995

dw = Dry weight

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
SB-15 1920H 07/15/98 G

ULI I.D.: 20198166 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<30ug/l	05	VM1992
Bromomethane	<30ug/l	05	VM1992
Vinyl Chloride	<20ug/l	05	VM1992
Chloroethane	87ug/l		VM1992
Methylene Chloride	560ug/l		VM1992
Acetone	110ug/l		VM1992
Carbon Disulfide	<30ug/l	05	VM1992
1,1-Dichloroethene	<30ug/l	05	VM1992
1,1-Dichloroethane	3500ug/l		VM1992
trans-1,2-Dichloroethene	<30ug/l	05	VM1992
cis-1,2-Dichloroethene	60ug/l		VM1992
Chloroform	<30ug/l	05	VM1992
1,2-Dichloroethane	71ug/l		VM1992
2-Butanone	<100ug/l	05	VM1992
1,1,1-Trichloroethane	350ug/l		VM1992
Carbon Tetrachloride	<30ug/l	05	VM1992
Bromodichloromethane	<30ug/l	05	VM1992
1,2-Dichloropropane	<30ug/l	05	VM1992
cis-1,3-Dichloropropene	<30ug/l	05	VM1992
Trichloroethene	<30ug/l	05	VM1992
Dibromochloromethane	<30ug/l	05	VM1992
1,1,2-Trichloroethane	<30ug/l	05	VM1992
Benzene	<30ug/l	05	VM1992
trans-1,3-Dichloropropene	<30ug/l	05	VM1992
Bromoform	<30ug/l	05	VM1992
4-Methyl-2-pentanone	<100ug/l	05	VM1992
2-Hexanone	<100ug/l	05	VM1992
Tetrachloroethene	<30ug/l	05	VM1992
1,1,2,2-Tetrachloroethane	<30ug/l	05	VM1992
Toluene	24,000ug/l		VM1992
Chlorobenzene	<30ug/l	05	VM1992
Ethylbenzene	38ug/l		VM1992
Styrene	<30ug/l	05	VM1992
m-Xylene and p-Xylene	220ug/l		VM1992
o-Xylene	200ug/l		VM1992

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
MW-101 0915H 07/17/98 G

ULI I.D.: 20198167 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	14ug/l	44	VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
port Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-102 0935H 07/17/98 G

ULI I.D.: 20198168 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1995
Bromomethane	<3ug/l		VM1995
Vinyl Chloride	<2ug/l		VM1995
Chloroethane	<3ug/l		VM1995
Methylene Chloride	<3ug/l		VM1995
Acetone	<10ug/l		VM1995
Carbon Disulfide	<3ug/l		VM1995
1,1-Dichloroethene	<3ug/l		VM1995
1,1-Dichloroethane	<3ug/l		VM1995
trans-1,2-Dichloroethene	<3ug/l		VM1995
cis-1,2-Dichloroethene	<3ug/l		VM1995
Chloroform	<3ug/l		VM1995
1,2-Dichloroethane	<3ug/l		VM1995
2-Butanone	<10ug/l		VM1995
1,1,1-Trichloroethane	<3ug/l		VM1995
Carbon Tetrachloride	<3ug/l		VM1995
Bromodichloromethane	<3ug/l		VM1995
1,2-Dichloropropane	<3ug/l		VM1995
cis-1,3-Dichloropropene	<3ug/l		VM1995
Trichloroethene	<3ug/l		VM1995
Dibromochloromethane	<3ug/l		VM1995
1,1,2-Trichloroethane	<3ug/l		VM1995
Benzene	<3ug/l		VM1995
trans-1,3-Dichloropropene	<3ug/l		VM1995
Bromoform	<3ug/l		VM1995
4-Methyl-2-pentanone	<10ug/l		VM1995
2-Hexanone	<10ug/l		VM1995
Tetrachloroethene	<3ug/l		VM1995
1,1,2,2-Tetrachloroethane	<3ug/l		VM1995
Toluene	<3ug/l		VM1995
Chlorobenzene	<3ug/l		VM1995
Ethylbenzene	<3ug/l		VM1995
Styrene	<3ug/l		VM1995
m-Xylene and p-Xylene	<3ug/l		VM1995
o-Xylene	<3ug/l		VM1995

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QJS
QC: JT
Lab I.D.: 10170

MW-103 1005H 07/17/98 G

ULI I.D.: 20198169 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	<10ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client MW-104 1038H 07/17/98 G

ULI I.D.: 20198170 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	<10ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QNS
QC: JT
Lab I.D.: 10170
MW-201 1125H 07/17/98 G

ULI I.D.: 20198171
Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	87ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	50ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	34ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: AS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client DUPLICATE 07/17/98 G

ULI I.D.: 20198172 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	<10ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client FIELD 07/17/98 G

ULI I.D.: 20198173 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1992
Bromomethane	<3ug/l		VM1992
Vinyl Chloride	<2ug/l		VM1992
Chloroethane	<3ug/l		VM1992
Methylene Chloride	<3ug/l		VM1992
Acetone	23ug/l		VM1992
Carbon Disulfide	<3ug/l		VM1992
1,1-Dichloroethene	<3ug/l		VM1992
1,1-Dichloroethane	<3ug/l		VM1992
trans-1,2-Dichloroethene	<3ug/l		VM1992
cis-1,2-Dichloroethene	<3ug/l		VM1992
Chloroform	<3ug/l		VM1992
1,2-Dichloroethane	<3ug/l		VM1992
2-Butanone	<10ug/l		VM1992
1,1,1-Trichloroethane	<3ug/l		VM1992
Carbon Tetrachloride	<3ug/l		VM1992
Bromodichloromethane	<3ug/l		VM1992
1,2-Dichloropropane	<3ug/l		VM1992
cis-1,3-Dichloropropene	<3ug/l		VM1992
Trichloroethene	<3ug/l		VM1992
Dibromochloromethane	<3ug/l		VM1992
1,1,2-Trichloroethane	<3ug/l		VM1992
Benzene	<3ug/l		VM1992
trans-1,3-Dichloropropene	<3ug/l		VM1992
Bromoform	<3ug/l		VM1992
4-Methyl-2-pentanone	<10ug/l		VM1992
2-Hexanone	<10ug/l		VM1992
Tetrachloroethene	<3ug/l		VM1992
1,1,2,2-Tetrachloroethane	<3ug/l		VM1992
Toluene	<3ug/l		VM1992
Chlorobenzene	<3ug/l		VM1992
Ethylbenzene	<3ug/l		VM1992
Styrene	<3ug/l		VM1992
m-Xylene and p-Xylene	<3ug/l		VM1992
o-Xylene	<3ug/l		VM1992

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JT
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client ULI TRIP BLANK 07/17/98

ULI I.D.: 20198174 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	19ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	<3ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	<3ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
port Number: 20198158
lient I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JI
Lab I.D.: 10170
INF 1410H 07/17/98 G

ULI I.D.: 20198175 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<30ug/l	01	VM1986
Bromomethane	<30ug/l	01	VM1986
Vinyl Chloride	<20ug/l	01	VM1986
Chloroethane	<30ug/l	01	VM1986
Methylene Chloride	<30ug/l	01	VM1986
Acetone	170ug/l		VM1986
Carbon Disulfide	<30ug/l	01	VM1986
1,1-Dichloroethene	<30ug/l	01	VM1986
1,1-Dichloroethane	<30ug/l	01	VM1986
trans-1,2-Dichloroethene	<30ug/l	01	VM1986
cis-1,2-Dichloroethene	<30ug/l	01	VM1986
Chloroform	<30ug/l	01	VM1986
1,2-Dichloroethane	<30ug/l	01	VM1986
2-Butanone	<100ug/l	01	VM1986
1,1,1-Trichloroethane	<30ug/l	01	VM1986
Carbon Tetrachloride	<30ug/l	01	VM1986
Bromodichloromethane	<30ug/l	01	VM1986
1,2-Dichloropropane	<30ug/l	01	VM1986
cis-1,3-Dichloropropene	<30ug/l	01	VM1986
Trichloroethene	<30ug/l	01	VM1986
Dibromochloromethane	<30ug/l	01	VM1986
1,1,2-Trichloroethane	<30ug/l	01	VM1986
Benzene	<30ug/l	01	VM1986
trans-1,3-Dichloropropene	<30ug/l	01	VM1986
Bromoform	<30ug/l	01	VM1986
4-Methyl-2-pentanone	<100ug/l	01	VM1986
2-Hexanone	<100ug/l	01	VM1986
Tetrachloroethene	<30ug/l	01	VM1986
1,1,2,2-Tetrachloroethane	<30ug/l	01	VM1986
Toluene	<30ug/l	01	VM1986
Chlorobenzene	<30ug/l	01	VM1986
Ethylbenzene	<30ug/l	01	VM1986
Styrene	<30ug/l	01	VM1986
m-Xylene and p-Xylene	<30ug/l	01	VM1986
o-Xylene	<30ug/l	01	VM1986

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: GJS
QC: JT
Lab I.D.: 10170
EFF 1450H 07/17/98 G

ULI I.D.: 20198176 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<30ug/l	01	VM1986
Bromomethane	<30ug/l	01	VM1986
Vinyl Chloride	<20ug/l	01	VM1986
Chloroethane	<30ug/l	01	VM1986
Methylene Chloride	33ug/l		VM1986
Acetone	530ug/l		VM1986
Carbon Disulfide	<30ug/l	01	VM1986
1,1-Dichloroethene	<30ug/l	01	VM1986
1,1-Dichloroethane	<30ug/l	01	VM1986
trans-1,2-Dichloroethene	<30ug/l	01	VM1986
cis-1,2-Dichloroethene	<30ug/l	01	VM1986
Chloroform	<30ug/l	01	VM1986
1,2-Dichloroethane	<30ug/l	01	VM1986
2-Butanone	<100ug/l	01	VM1986
1,1,1-Trichloroethane	<30ug/l	01	VM1986
Carbon Tetrachloride	<30ug/l	01	VM1986
Bromodichloromethane	<30ug/l	01	VM1986
1,2-Dichloropropane	<30ug/l	01	VM1986
cis-1,3-Dichloropropene	<30ug/l	01	VM1986
Trichloroethene	<30ug/l	01	VM1986
Dibromochloromethane	<30ug/l	01	VM1986
1,1,2-Trichloroethane	<30ug/l	01	VM1986
Benzene	<30ug/l	01	VM1986
trans-1,3-Dichloropropene	<30ug/l	01	VM1986
Bromoform	<30ug/l	01	VM1986
4-Methyl-2-pentanone	<100ug/l	01	VM1986
2-Hexanone	<100ug/l	01	VM1986
Tetrachloroethene	41ug/l		VM1986
1,1,2,2-Tetrachloroethane	<30ug/l	01	VM1986
Toluene	<30ug/l	01	VM1986
Chlorobenzene	<30ug/l	01	VM1986
Ethylbenzene	<30ug/l	01	VM1986
Styrene	<30ug/l	01	VM1986
m-Xylene and p-Xylene	<30ug/l	01	VM1986
o-Xylene	<30ug/l	01	VM1986

DATE: 07/30/98

Upstate Laboratories, Inc. APPROVAL:
Analysis Results QC:
Report Number: 20198158 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client SUMP-1 1530H 07/17/98 G

ULI I.D.: 20198177 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1986
Bromomethane	<3ug/l		VM1986
Vinyl Chloride	<2ug/l		VM1986
Chloroethane	<3ug/l		VM1986
Methylene Chloride	<3ug/l		VM1986
Acetone	78ug/l		VM1986
Carbon Disulfide	<3ug/l		VM1986
1,1-Dichloroethene	<3ug/l		VM1986
1,1-Dichloroethane	<3ug/l		VM1986
trans-1,2-Dichloroethene	<3ug/l		VM1986
cis-1,2-Dichloroethene	<3ug/l		VM1986
Chloroform	26ug/l		VM1986
1,2-Dichloroethane	<3ug/l		VM1986
2-Butanone	<10ug/l		VM1986
1,1,1-Trichloroethane	<3ug/l		VM1986
Carbon Tetrachloride	<3ug/l		VM1986
Bromodichloromethane	5ug/l		VM1986
1,2-Dichloropropane	<3ug/l		VM1986
cis-1,3-Dichloropropene	<3ug/l		VM1986
Trichloroethene	<3ug/l		VM1986
Dibromochloromethane	<3ug/l		VM1986
1,1,2-Trichloroethane	<3ug/l		VM1986
Benzene	<3ug/l		VM1986
trans-1,3-Dichloropropene	<3ug/l		VM1986
Bromoform	<3ug/l		VM1986
4-Methyl-2-pentanone	<10ug/l		VM1986
2-Hexanone	<10ug/l		VM1986
Tetrachloroethene	<3ug/l		VM1986
1,1,2,2-Tetrachloroethane	<3ug/l		VM1986
Toluene	<3ug/l		VM1986
Chlorobenzene	<3ug/l		VM1986
Ethylbenzene	<3ug/l		VM1986
Styrene	<3ug/l		VM1986
m-Xylene and p-Xylene	<3ug/l		VM1986
o-Xylene	<3ug/l		VM1986

DATE: 07/30/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 20198158
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT PERRY NY
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170

MW-105 07/17/98 G

ULI I.D.: 20198178 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1992
Bromomethane	<3ug/l		VM1992
Vinyl Chloride	<2ug/l		VM1992
Chloroethane	4ug/l		VM1992
Methylene Chloride	<3ug/l		VM1992
Acetone	<10ug/l		VM1992
Carbon Disulfide	<3ug/l		VM1992
1,1-Dichloroethene	<3ug/l		VM1992
1,1-Dichloroethane	<3ug/l		VM1992
trans-1,2-Dichloroethene	<3ug/l		VM1992
cis-1,2-Dichloroethene	<3ug/l		VM1992
Chloroform	<3ug/l		VM1992
1,2-Dichloroethane	<3ug/l		VM1992
2-Butanone	<10ug/l		VM1992
1,1,1-Trichloroethane	<3ug/l		VM1992
Carbon Tetrachloride	<3ug/l		VM1992
Bromodichloromethane	<3ug/l		VM1992
1,2-Dichloropropane	<3ug/l		VM1992
cis-1,3-Dichloropropene	<3ug/l		VM1992
Trichloroethene	<3ug/l		VM1992
Dibromochloromethane	<3ug/l		VM1992
1,1,2-Trichloroethane	<3ug/l		VM1992
Benzene	<3ug/l		VM1992
trans-1,3-Dichloropropene	<3ug/l		VM1992
Bromoform	<3ug/l		VM1992
4-Methyl-2-pentanone	<10ug/l		VM1992
2-Hexanone	<10ug/l		VM1992
Tetrachloroethene	<3ug/l		VM1992
1,1,2,2-Tetrachloroethane	<3ug/l		VM1992
Toluene	<3ug/l		VM1992
Chlorobenzene	<3ug/l		VM1992
Ethylbenzene	<3ug/l		VM1992
Styrene	<3ug/l		VM1992
m-Xylene and p-Xylene	<3ug/l		VM1992
o-Xylene	<3ug/l		VM1992

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

7/27 #DP

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

1 OF 2

Client: Delta Environmental
Client Contact: ~~Ron Jenkens~~ PAT HALLER
Phone #: 412-487-7760
Project # / Project Name: Perry, NY
Address: Perry, NY

Remarks: TAT 5 DAYS

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	VOC 8260 1)	LEAD 2)	VOC 8260 3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
SB-11	7/15/98	1320	SOIL	G	98[illegible]	1	X			(X)								
SB-11	"	"	"	"	[illegible]	1		X		(X)								
SB-11	"	"	WATER	G	[illegible]	2	X											
SB-12	"	1515	SOIL	G	[illegible]	1	X											
SB-12	"	"	SOIL		[illegible]	1		X		(X)								
SB-13 (14)MD	"	1730	SOIL		[illegible]	1	X			(X)								
SB-13	"	"	WATER		[illegible]	2			X									
SB-14 (13)MD	"	1815	SOIL		[illegible]	1	X			(X)								
SB-14	"	"	WATER		[illegible]	2			X									
SB-15	"	1920	SOIL		[illegible]	1	X			(X)								
SB-15	"	"	WATER		[illegible]	2			X									
MW-101	7/17/98	9:15	WATER	G	[illegible]	2			X									
MW-102		9:35			[illegible]	2			X									
MW-103		10:05			[illegible]	2			X									
MW-104		10:38			[illegible]	2			X									
MW-201		11:25			[illegible]	2			X									

Parameter and Method	Sample bottle: Type	Size	Preservative
1) T-Pb	Glass	8 oz.	None
2) VOCs (EPA 8260)	Glass	(2) 40 ml.	1:1 HCl
3) VOCs (EPA 8260)	Glass	4 oz.	None
4) (% Solids)MD			
5)			
6)			
7)			
8)			
9)			
10)			
11)			

Sampled by (Print): PATRICK HALLER
Company:

Relinquished by:(sign)	Date	Time	Received by: (sign)
[signature]	7/17	16:35	
Relinquished by:(sign)	Date	Time	Received by: (sign)
Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
	7/20/98	0800	[signature]

ULI Internal Use Only

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ) 07/09/98 SMP

Fax: (315) 437-1029

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

2 of 2

Client: Delta Environmental
Client Contact: ~~Ron Jenkens~~ PAT HALLER
Phone #: 412-487-7700
Project #/Project Name: Perry, NY
Address: Perry, NY

Remarks: TAT 5 DAY

Analyses: 1) VOC'S 8260

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
DUPLICATE	7/17/98	—	WATER	G	[illegible]	(2)	(X)											
FIELD	↓	—	↓	↓	[illegible]	(2)	(X)											
(W) TRIP (BLANK)		—			[illegible]	(2)	(X)											
INFLUENT		1410			[illegible]	(2)	(X)											
EFFLUENT		1450			[illegible]	(2)	(X)											
SUMP-	↓	1530	↓	↓	[illegible]	(3)	(X)											
(MW-105)	(7/17/98)		(W)	(G)	[illegible]	(2)	(X)											

Parameter and Method	Sample bottle: Type	Size	Preservative
1) T-Pb	Glass	8 oz.	None
2) VOCs (EPA 8260)	Glass	(2) 40 ml.	1:1 HCl
3) VOCs (EPA 8260)	Glass	4 oz.	None
4)			
5)			
6)			
7)			
8)			
9)			
10)			
11)			

Sampled by (Print): PATRICK HALLER
Company:

ULI Internal Use Only

Relinquished by: (sign)	Date	Time	Received by: (sign)
[signature]	7/17/98	16:35	
Relinquished by: (sign)	Date	Time	Received by: (sign)
Relinquished by: (sign)	Date	Time	Rec'd for Lab by:
	7/20/98	0800	[signature]