PROGRESS REPORT
ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

Date: August 10, 1998
Reporting Period: July 1998

1. Progress Made This Reporting Period

- On July 1, 1998, LBG received conditional approval and USEPA comments on the Initial Testing Program (ITP) for the Soil-Vapor Extraction (SVE) System. LBG reviewed and prepared responses to the Agency comments; a response letter was submitted to the USEPA on July 2, 1998.

- Between July 6 and 10, 1998, the 20-horsepower (hp) blower was trouble-shot, various adjustments to gages made, and the system pre-tested in advance of the ITP sampling. Testing was completed to determine maximum air flow and vacuum and radius of influence on all of the various manifolds.

- On July 9, 1998, provided a site inspection to USEPA and Nabisco Project Manager including the operation and testing of the 20-hp blower system.

- Between July 13 and 17, 1998, the SVE ITP was completed. A series of 7 different tests were completed and 69 air samples were collected during the field program. The physical parameters measured during the ITP testing are being complied and the air samples were submitted to the receiving laboratory for analysis of volatile organics by Methods T-01/T-02.

- Between July 15 and 16, 1998, Handex's transportation contractor removed six hazardous waste roll-off containers from the Sag Harbor Industries (SHI) site. The roll-off containers contained drill cuttings, soil, concrete and Orangeberg Pipe waste that was generated after the soil impoundment structure had been filled and capped. The waste material was transported by Horwith Trucking, Inc. and disposed of at the CWM Chemical Services Landfill in Model City, New York.

- Liquid waste material from the sludge removed from Drywells' C and D was stabilized on July 16, 1998. Approximately 4.5 tons of Solusorb (fly ash) was added to Rolloff No. 25012 and mixed using a Kobelco TLK 760 backhoe to stabilize the liquid waste material.

- Received the six hazardous waste manifests and Certificates of Disposal for the shipment of soils from the site to the Chemical Waste Management facility in Model City, New York. The waste material had been shipped between July 15 and 16, 1998 by Horwith Trucking, Inc., a subcontractor of Handex of New York.

- A preliminary contractor walk-through was conducted on July 23, 1998. During the site inspection, outstanding items were reviewed and deficiencies noted. The following list presents items/issues that remain to be completed by Handex:

  - Revised and updated construction schedule;
  - System Operation written field report;
  - Final well location and elevation survey; partially completed;
  - Removal of all wooden concrete forms;
  - Valve chart, circuitry directories and mechanical identification plans;
  - Electrical as-built drawings;
  - Electrical operation and maintenance plan;
  - Offsite property restoration including vegetative cover and tree maintenance;
  - Installation of three additional Douglas Fir trees; and
  - Removal of three drywell sludge roll-off containers.

- During the recording period, Handex of New York completed several remaining tasks including the following items:

  - Removed loose debris from the roof and work areas at the rear of the site;
  - Balanced the exhaust flapper valve;
  - Pressure tested Manifolds B, D, and E;
  - Replaced the flanged valve to SVE-6 on Manifold B;
  - Re-seeded, top soiled and watered grass and Douglas Fir trees;
  - Sealed influent SVE and Impoundment lines;
  - Tested electrical grounds on 208/480 Services;
  - Replaced damaged galvanized conduit on the Treatment Trailer.
  - Transferred excess liquid in Rolloff 25012 to Drywell D;
  - Re-installed Kindorf supports on the electrical/telephone conduits;
  - Completed location and elevation survey of offsite sparge wells and all newly-installed wells on the SHI site;
  - Completed a valve name-tag chart and installed tags on all outstanding electrical and mechanical systems.

- The Environmental Quality, Inc. (EQ) profile sheets for pre-qualifying stabilized drywell sludge for disposal at the Wayne disposal facility in Belleville, Michigan were completed. The profile sheets were submitted to Handex of New York for processing on July 29, 1998.

- Began evaluation of the Soil-Impoundment ITP results. Air-flow and volatile organic removal rates were calculated for the short-term Vmax testing as well as the longer-term five-day test. During the testing period, air flow was induced in the soil impoundment at

a rate of approximately 165 cubic feet per minute. Initial calculations regarding volatile organic removal indicated that approximately 0.958 pound of tetrachloroethene were removed during the test interval.

2. Upcoming Events/Activities

The work completed between April 1 and July 17, 1998 achieved the project objectives and contractual obligations for the remedial work. Outstanding activities that still need to be addressed include:

- Profiling and removal of stabilized drywell sludge material needs to be completed prior to October 1998. This waste material consists of a mixture of sanitary and hazardous waste and the stabilized sludge is currently stored onsite in three roll-off containers.

- Evaluate the testing results generated during the Soil-Impoundment and SVE ITP's. Once the data has been evaluated, LBG will prepare an Operation and Maintenance (O&M) Plan for the remedial system. After the O&M plan has been approved by the EPA, then the remedial system will be placed in full-scale operation.

- After the soil-impoundment treatment system has been in operation and representative sampling of the containerized soils demonstrates that the remedial action has effectively reduced volatile organic concentrations to levels below Land Disposal Restriction (LDR) treatment limits, then the soil material (approximately 220 cubic yards) will be removed and properly disposed of at an approved disposal facility.

3. Problems and Resolutions

- No problems were encountered during the reporting period.

4. Data Generated

- The following data/deliverables were generated during the recording period:

  - Analytical testing results from the focussed solvent disposal investigation including the trench sampling beneath the Orangeberg Pipe run (Samples OB-1 through OB-15), discrete soil sampling at two locations near the disposal system outfall (Samples L-1 through L-3 and P-1 through P-3), five soil-vapor samples collected at areas beneath the existing building and south of the building (SV-1 through SV-5); and two samples collected from beneath the former concrete trench system (T-1 and T-2).

- Analytical testing results from the Soil Impoundment ITP were received including individual manifold-leg and pre-, mid-, and post-carbon air samples.

- Analytical testing results from the Drywell D and Drywell F.

- Copies of the six hazardous waste manifests for the shipment of hazardous waste off of the site on July 15 and 16, 1998.

- Copies of the Certificates of Disposal for the six roll-off containers of hazardous waste removed from the site on July 15 and 16, 1998.

- Copy of the completed EQ profile sheet for the pre-qualification of drywell sludge.

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Attachment (testing results/Manifests/CDS)
H:\NABIS\1998\PROGRESS\AUG98.RPT

FOCUSED ENVIRONMENTAL INVESTIGATION
SOLVENT DISPOSAL SYSTEM

OB-1	6/9/98	TCL/VOA
OB-2	6/9	
OB-3	6/9	
OB-5	6/9	
OB-6	6/9	
OB-10	6/9	
OB-14	6/10	
OB-15	6/10	
OB-16	6/10	
S-1	6/9	TCL/VOA + TAL inorganics
SG-1	6/9	TCL/VOA
P-1	6/10	
P-2	6/10	
P-3	6/10	
L-1	6/10	
L-2	6/10	
L-3	6/10	
SV-1	6/10	TO-1/TO-2
SV-2	6/10	TO-1/TO-2
SV-3	6/10	TO-1/TO-2
SV-4	6/11	TO-1/TO-2
SV-5	6/11	TO-1/TO-2
T-1	6/11	TCL/VOA
T-2	6/11/98	TCL/VOA

TABLE VO-1.0
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Aqueous

All values are ug/L.

Client Sample I.D.	Method Blank	TB060898	FB060898	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKEZ	981345A-01	981345A-16	
Method Blank I.D.	VBLKEZ	VBLKEZ	VBLKEZ	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	U	U	10
Acetone	U	U	U	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	U	U	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received		06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/10/98	06/10/98	06/10/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Aqueous

All values are ug/L.

Client Sample I.D.	Method Blank	TB061098		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKDB	981345A-17		
Method Blank I.D.	VBLKDB	VBLKDB		
Quant. Factor	1.00	1.00		
Chloromethane	U	U		10
Bromomethane	U	U		10
Vinyl Chloride	U	U		10
Chloroethane	U	U		10
Methylene Chloride	U	U		10
Acetone	U	U		10
Carbon Disulfide	U	U		10
1,1-Dichloroethene	U	U		10
1,1-Dichloroethane	U	U		10
1,2-Dichloroethene (total)	U	U		10
Chloroform	U	U		10
1,2-Dichloroethane	U	U		10
2-Butanone	U	U		10
1,1,1-Trichloroethane	U	U		10
Carbon Tetrachloride	U	U		10
Bromodichloromethane	U	U		10
1,2-Dichloropropane	U	U		10
cis-1,3-Dichloropropene	U	U		10
Trichloroethene	U	U		10
Dibromochloromethane	U	U		10
1,1,2-Trichloroethane	U	U		10
Benzene	U	U		10
trans-1,3-Dichloropropene	U	U		10
Bromoform	U	U		10
4-Methyl-2-Pentanone	U	U		10
2-Hexanone	U	U		10
Tetrachloroethene	U	U		10
1,1,2,2-Tetrachloroethane	U	U		10
Toluene	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Styrene	U	U		10
Xylene (total)	U	U		10
Date Received		06/11/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/16/98	06/16/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.2
7098-1345A
LAFORETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	OB-1	OB-2	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKBQ	981345A-02	981345A-03	
Method Blank I.D.	VBLKBQ	VBLKBQ	VBLKBQ	
Quant. Factor	1.00	1.06	1.04	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	2J	2J	10
Acetone	9J	U	36B	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	U	4J	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	3J	U	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	U	13	11	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received		06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/11/98	06/11/98	06/11/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.3
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	OB-3	OB-5	OB-6	Quant. Limits with no Dilution
Lab Sample I.D.	981345A-04	981345A-05	981345A-06	
Method Blank I.D.	VBLKBQ	VBLKBQ	VBLKBQ	
Quant. Factor	1.05	1.05	1.06	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	2J	1J	U	10
Acetone	97B	27B	35B	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	U	U	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	22	5J	4J	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received	06/10/98	06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/11/98	06/11/98	06/11/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

Soil

TABLE VO-1.4
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

All values are ug/Kg dry weight basis.

Client Sample I.D. Lab Sample I.D. Method Blank I.D. Quant. Factor	SG-1 981345A-09 VBLKBQ 1.30	P-2 981345A-11 VBLKBQ 1.06	P-3 981345A-12 VBLKBQ 1.06	Quant. Limits with no Dilution
Chloromethane	U	U	U	10
Bromomethane	U	U	2J	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	U	U	10
Acetone	20B	14B	23B	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	3J	U	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	4J	2J	21	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	8J	26	54	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	4J	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received Date Extracted Date Analyzed	06/10/98 N/A 06/11/98	06/10/98 N/A 06/11/98	06/10/98 N/A 06/11/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

Soil

TABLE VO-1.5
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	OB-10	P-1	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKBR	981345A-07	981345A-10	
Method Blank I.D.	VBLKBR	VBLKBR	VBLKBR	
Quant. Factor	1.00	1.09	1.26	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	U	2J	10
Acetone	U	22	15	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	1J	U	U	10
1,1,1-Trichloroethane	U	86	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	3J	2J	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	U	10J	25	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received	N/A	06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/12/98	06/12/98	06/12/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.6
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	P-1 RE	L-1	L-1 RE	Quant. Limits with no Dilution
Lab Sample I.D.	981345A-10RE	981345A-13	981345A-13RE	
Method Blank I.D.	VBLKBR	VBLKBR	VBLKBR	
Quant. Factor	1.26	3.03	3.03	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	2J	6J	U	10
Acetone	120	46	89	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	2J	45	41	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	10
Tetrachloroethene	24	80	89	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received	06/10/98	06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/12/98	06/12/98	06/12/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.7
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	L-3			Quant. Limits with no Dilution
Lab Sample I.D.	981345A-15			
Method Blank I.D.	VBLKBR			
Quant. Factor	1.06			
Chloromethane	U			10
Bromomethane	U			10
Vinyl Chloride	U			10
Chloroethane	U			10
Methylene Chloride	U			10
Acetone	32			10
Carbon Disulfide	U			10
1,1-Dichloroethene	U			10
1,1-Dichloroethane	U			10
1,2-Dichloroethene (total)	U			10
Chloroform	U			10
1,2-Dichloroethane	U			10
2-Butanone	U			10
1,1,1-Trichloroethane	U			10
Carbon Tetrachloride	U			10
Bromodichloromethane	U			10
1,2-Dichloropropane	U			10
cis-1,3-Dichloropropene	U			10
Trichloroethene	U			10
Dibromochloromethane	U			10
1,1,2-Trichloroethane	U			10
Benzene	U			10
trans-1,3-Dichloropropene	U			10
Bromoform	U			10
4-Methyl-2-Pentanone	U			10
2-Hexanone	U			10
Tetrachloroethene	22			10
1,1,2,2-Tetrachloroethane	U			10
Toluene	U			10
Chlorobenzene	U			10
Ethylbenzene	U			10
Styrene	U			10
Xylene (total)	U			10
Date Received	06/10/98			
Date Extracted	N/A			
Date Analyzed	06/12/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.8
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	S-1	OB-14	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKE4	981345A-08	981345A-18	
Method Blank I.D.	VBLKE4	VBLKE4	VBLKE4	
Quant. Factor	1.00	1.49	1.10	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	3J	1J	10
Acetone	6J	66B	11B	10
Carbon Disulfide	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (total)	U	U	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
2-Butanone	2J	U	2JB	10
1,1,1-Trichloroethane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	2J	2J	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	.8J	U	U	10
Tetrachloroethene	U	99	7J	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Styrene	U	U	U	10
Xylene (total)	U	U	U	10
Date Received		06/10/98	06/11/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/16/98	06/16/98	06/16/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

Soil

TABLE VO-1.9
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

All values are ug/Kg dry weight basis.

Client Sample I.D.	OB-15	OB-16		Quant. Limits with no Dilution
Lab Sample I.D.	981345A-19	981345A-20		
Method Blank I.D.	VBLKE4	VBLKE4		
Quant. Factor	1.10	1.04		
Chloromethane	U	U		10
Bromomethane	U	U		10
Vinyl Chloride	U	U		10
Chloroethane	U	U		10
Methylene Chloride	2J	1J		10
Acetone	17B	17B		10
Carbon Disulfide	U	U		10
1,1-Dichloroethene	U	U		10
1,1-Dichloroethane	U	U		10
1,2-Dichloroethene (total)	U	U		10
Chloroform	U	U		10
1,2-Dichloroethane	U	U		10
2-Butanone	5JB	6JB		10
1,1,1-Trichloroethane	U	U		10
Carbon Tetrachloride	U	U		10
Bromodichloromethane	U	U		10
1,2-Dichloropropane	U	U		10
cis-1,3-Dichloropropene	U	U		10
Trichloroethene	2J	1J		10
Dibromochloromethane	U	U		10
1,1,2-Trichloroethane	U	U		10
Benzene	U	U		10
trans-1,3-Dichloropropene	U	U		10
Bromoform	U	U		10
4-Methyl-2-Pentanone	U	U		10
2-Hexanone	U	U		10
Tetrachloroethene	22	12		10
1,1,2,2-Tetrachloroethane	U	U		10
Toluene	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Styrene	U	U		10
Xylene (total)	U	U		10
Date Received	06/11/98	06/11/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/16/98	06/16/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.10
7098-1345A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil Medium

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	L-2		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKDC	981345A-14		
Method Blank I.D.	VBLKDC	VBLKDC		
Quant. Factor	1.00	1.12		
Chloromethane	U	U		1200
Bromomethane	U	U		1200
Vinyl Chloride	U	U		1200
Chloroethane	U	U		1200
Methylene Chloride	U	U		1200
Acetone	U	U		1200
Carbon Disulfide	U	U		1200
1,1-Dichloroethene	U	U		1200
1,1-Dichloroethane	U	U		1200
1,2-Dichloroethene (total)	U	U		1200
Chloroform	U	U		1200
1,2-Dichloroethane	U	U		1200
2-Butanone	U	U		1200
1,1,1-Trichloroethane	U	U		1200
Carbon Tetrachloride	U	U		1200
Bromodichloromethane	U	U		1200
1,2-Dichloropropane	U	U		1200
cis-1,3-Dichloropropene	U	U		1200
Trichloroethene	U	920J		1200
Dibromochloromethane	U	U		1200
1,1,2-Trichloroethane	U	U		1200
Benzene	U	U		1200
trans-1,3-Dichloropropene	U	U		1200
Bromoform	U	U		1200
4-Methyl-2-Pentanone	U	U		1200
2-Hexanone	U	U		1200
Tetrachloroethene	U	14000		1200
1,1,2,2-Tetrachloroethane	U	U		1200
Toluene	U	U		1200
Chlorobenzene	U	U		1200
Ethylbenzene	U	U		1200
Styrene	U	U		1200
Xylene (total)	U	U		1200
Date Received	N/A	06/10/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/16/98	06/16/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

American Environmental Network
200 Monroe Turnpike • Monroe, CT 06468 • (203) 261-4458 • Fax (203) 268-5346

June 30, 1998

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 6 sample(s) received at our laboratory on June 10-12, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

IEA Report #7098-1344A	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Chuck Cascella for

Jeffrey C. Curran
Laboratory Manager

JCC

7098-1344A
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using guidance provided in Method TO1/TO2. The instrumentation used was a Envirochem Unicon Series 810 interfaced with a Hewlett-Packard Model 5995 GC/MS/DS.

Some of the samples in this SDG were analyzed with results having a surrogate out of criteria and/or compounds over the calibration curve range. These analyses were reported since air samples can only be analyzed once.

TABLE VO-1.0
7098-1344A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

Air

All values are total ng.

Client Sample I.D.	Method Blank	SV-1	SV-2	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKAU	981344A-01	981344A-02	
Method Blank I.D.	VBLKAU	VBLKAU	VBLKAU	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	3.2J	U	30B	20
Bromomethane	U	11J	7J	20
Vinyl Chloride	U	U	U	20
Chloroethane	U	U	U	20
Methylene Chloride	U	56	16	10
Carbon Disulfide	U	U	12	10
1,1-Dichloroethene	U	400	180	10
1,1-Dichloroethane	U	U	U	10
1,2-Dichloroethene (trans)	U	U	U	10
1,2-Dichloroethene (cis)	U	U	U	10
Chloroform	U	U	4J	10
1,2-Dichloroethane	U	U	U	10
1,1,1-Trichloroethane	U	1100E	200	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
is-1,3-Dichloropropene	U	U	U	10
richloroethene	U	110	120	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	16	11	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
Tetrachloroethene	U	6600E	5800E	10
1,1,2,2-Tetrachloroethane	U	U	U	10
Toluene	2.4J	32B	32B	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	7J	7J	10
Styrene	U	U	5J	10
m&p-Xylene	U	16	19	10
o-Xylene	U	8J	10	10
Date Received		06/10/98	06/10/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/11/98	06/11/98	06/11/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1
7098-1344A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

Air

All values are total ng.

Client Sample I.D.	SV-3			Quant. Limits with no Dilution
Lab Sample I.D.	981344A-03			
Method Blank I.D.	VBLKAU			
Quant. Factor	1.00			
Chloromethane	35B			20
Bromomethane	6J			20
Vinyl Chloride	U			20
Chloroethane	U			20
Methylene Chloride	36			10
Carbon Disulfide	U			10
1,1-Dichloroethene	170			10
1,1-Dichloroethane	10			10
1,2-Dichloroethene (trans)	U			10
1,2-Dichloroethene (cis)	U			10
Chloroform	U			10
1,2-Dichloroethane	U			10
1,1,1-Trichloroethane	260			10
Carbon Tetrachloride	U			10
Bromodichloromethane	U			10
1,2-Dichloropropane	U			10
cis-1,3-Dichloropropene	U			10
Trichloroethene	78			10
Dibromochloromethane	U			10
1,1,2-Trichloroethane	U			10
Benzene	10			10
trans-1,3-Dichloropropene	U			10
Bromoform	U			10
Tetrachloroethene	4200E			10
1,1,2,2-Tetrachloroethane	U			10
Toluene	20B			10
Chlorobenzene	U			10
Ethylbenzene	5J			10
Styrene	4J			10
m&p-Xylene	16			10
o-Xylene	9J			10
Date Received	06/10/98			
Date Extracted	N/A			
Date Analyzed	06/12/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.2 Air
7098-1344A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are total ng.

Client Sample I.D.	Method Blank	SV-4	SV-5	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKAV	981344A-04	981344A-05	
Method Blank I.D.	VBLKAV	VBLKAV	VBLKAV	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	12J	20
Bromomethane	8.6J	7JB	U	20
Vinyl Chloride	U	U	U	20
Chloroethane	U	U	U	20
Methylene Chloride	U	20	18	10
Carbon Disulfide	U	22	U	10
1,1-Dichloroethene	U	290	110	10
1,1-Dichloroethane	U	17	U	10
1,2-Dichloroethene (trans)	U	U	U	10
1,2-Dichloroethene (cis)	U	22	U	10
Chloroform	U	U	U	10
1,2-Dichloroethane	U	U	U	10
1,1,1-Trichloroethane	U	1400E	29	10
Carbon Tetrachloride	U	U	U	10
Bromodichloromethane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
Trichloroethene	U	430	10	10
Dibromochloromethane	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Benzene	U	3J	16	10
trans-1,3-Dichloropropene	U	U	U	10
Bromoform	U	U	U	10
Tetrachloroethene	U	2400E	750E	10
1,1,2,2-Tetrachloroethane	9.3J	U	U	10
Toluene	3.2J	34B	21B	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	6J	6J	10
Styrene	U	2J	4J	10
m&p-Xylene	U	20	13	10
o-Xylene	U	8J	7J	10
Date Received		06/10/98	06/12/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/12/98	06/12/98	06/12/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.3 Air
7098-1344A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are total ng.

Client Sample I.D.	SV-6			
Lab Sample I.D.	981344A-06			
Method Blank I.D.	VBLKAV			
Quant. Factor	1.00			Quant. Limits with no Dilution
Chloromethane	7J			20
Bromomethane	U			20
Vinyl Chloride	U			20
Chloroethane	U			20
Methylene Chloride	57			10
Carbon Disulfide	U			10
1,1-Dichloroethene	260			10
1,1-Dichloroethane	U			10
1,2-Dichloroethene (trans)	U			10
1,2-Dichloroethene (cis)	U			10
Chloroform	3J			10
1,2-Dichloroethane	U			10
1,1,1-Trichloroethane	100			10
Carbon Tetrachloride	U			10
Bromodichloromethane	U			10
1,2-Dichloropropane	U			10
cis-1,3-Dichloropropene	U			10
Trichloroethene	8J			10
Dibromochloromethane	U			10
1,1,2-Trichloroethane	U			10
Benzene	8J			10
trans-1,3-Dichloropropene	U			10
Bromoform	U			10
Tetrachloroethene	520E			10
1,1,2,2-Tetrachloroethane	U			10
Toluene	22B			10
Chlorobenzene	U			10
Ethylbenzene	5J			10
Styrene	1J			10
m&p-Xylene	14			10
o-Xylene	7J			10
Date Received	06/12/98			
Date Extracted	N/A			
Date Analyzed	06/12/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

ORGANICS APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

S - Estimated due to surrogate outliers.

X - Matrix spike compound.

(1) - Cannot be separated.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C - Confirmed by GC/MS.

T - Compound present in TCLP blank.

P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut
Certification Summary (as of September 1997)

State	Responsible Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potible/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazardous Waste	998355710

7098-1344A
LEGGETTE, BRASHEARS & GRAHAM
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
SV-1	981344A-01	AIR	06/09/98	06/10/98
SV-2	981344A-02	AIR	06/09/98	06/10/98
SV-3	981344A-03	AIR	06/09/98	06/10/98
SV-4	981344A-04	AIR	06/09/98	06/10/98
SV-5	981344A-05	AIR	06/10/98	06/12/98
SV-6	981344A-06	AIR	06/10/98	06/12/98

IEA-CT ANALYTICAL SUMMARY

Client ID: SV-1, SV-2, SV-3, SV-4, SV-5, SV-6
Job Number: 7098-1344A

Date: 6/30/98

Qty	Matrix	Analysis	Description
6	AIR	VOA-T01/T02	T01/T02 Volatile Org
6	None	TEDLAR BAGS	Tedlar Bag Rental

American Environmental Network
200 Monroe Turnpike • Monroe, CT 06468 • (203) 261-4458 • Fax (203) 268-5346

June 30, 1998

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 2 sample(s) received at our laboratory on June 11, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

IEA Report #7098-1345B	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Cheryl A. Cascella for

Jeffrey C. Curran
Laboratory Manager

JCC

7098-1345B
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols. OLM03.2. The instrumentation used was a Tekmar Dynamic Headspace Concentrator interfaced with a Hewlett-Packard Model 5972A GC/MS/DS.

Sample T-2 was analyzed as a mediium level soil due to high target compound concentrations.

Sample T-1 was analyzed at a 1:5 dilution as a low level soil due to high target compound concentrations.

TABLE VO-1.0
7098-1345B
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	T-1		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKE4	981345B-01		
Method Blank I.D.	VBLKE4	VBLKE4		
Quant. Factor	1.00	5.56		
Chloromethane	U	U		10
Bromomethane	U	U		10
Vinyl Chloride	U	U		10
Chloroethane	U	U		10
Methylene Chloride	U	U		10
Acetone	6J	41JB		10
Carbon Disulfide	U	U		10
1,1-Dichloroethene	U	U		10
1,1-Dichloroethane	U	U		10
1,2-Dichloroethene (total)	U	U		10
Chloroform	U	U		10
1,2-Dichloroethane	U	U		10
2-Butanone	2J	U		10
1,1,1-Trichloroethane	U	U		10
Carbon Tetrachloride	U	U		10
Bromodichloromethane	U	U		10
1,2-Dichloropropane	U	U		10
cis-1,3-Dichloropropene	U	U		10
Trichloroethene	U	U		10
Dibromochloromethane	U	U		10
1,1,2-Trichloroethane	U	U		10
Benzene	U	U		10
trans-1,3-Dichloropropene	U	U		10
Bromoform	U	U		10
4-Methyl-2-Pentanone	U	U		10
2-Hexanone	.8J	U		10
Tetrachloroethene	U	460		10
1,1,2,2-Tetrachloroethane	U	U		10
Toluene	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Styrene	U	U		10
Xylene (total)	U	U		10
Date Received		06/11/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/16/98	06/17/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1
7098-1345B
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil
Medium

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	T-2		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKDC	981345B-02		
Method Blank I.D.	VBLKDC	VBLKDC		
Quant. Factor	1.00	1.59		
Chloromethane	U	U		1200
Bromomethane	U	U		1200
Vinyl Chloride	U	U		1200
Chloroethane	U	U		1200
Methylene Chloride	U	U		1200
Acetone	U	U		1200
Carbon Disulfide	U	U		1200
1,1-Dichloroethene	U	U		1200
1,1-Dichloroethane	U	U		1200
1,2-Dichloroethene (total)	U	U		1200
Chloroform	U	U		1200
1,2-Dichloroethane	U	U		1200
2-Butanone	U	U		1200
1,1,1-Trichloroethane	U	U		1200
Carbon Tetrachloride	U	U		1200
Bromodichloromethane	U	U		1200
2-Dichloropropane	U	U		1200
cis-1,3-Dichloropropene	U	U		1200
Trichloroethene	U	U		1200
Dibromochloromethane	U	U		1200
1,1,2-Trichloroethane	U	U		1200
Benzene	U	U		1200
trans-1,3-Dichloropropene	U	U		1200
Bromoform	U	U		1200
4-Methyl-2-Pentanone	U	U		1200
2-Hexanone	U	U		1200
Tetrachloroethene	U	6500		1200
1,1,2,2-Tetrachloroethane	U	U		1200
Toluene	U	U		1200
Chlorobenzene	U	U		1200
Ethylbenzene	U	U		1200
Styrene	U	U		1200
Xylene (total)	U	U		1200
Date Received		06/11/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/16/98	06/16/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-2.0
7098-1345B
LEGGETTE, BRASHEARS & GRAHAM
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKE4

Lab Sample Id: VBLKE4 Client Sample Id: Method Blank

CAS#	Compound	RT	Estimated Conc., ug/Kg
128-37-0	BUTYLATED HYDROXYTOLUENE	30.30	17JN

Lab Sample Id: 981345B-01 Client Sample Id: T-1

CAS#	Compound	RT	Estimated Conc., ug/Kg
	NONE DETECTED		

See Appendix for qualifier definitions

TABLE VO-2.1
7098-1345B
LEGGETTE, BRASHEARS & GRAHAM
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil
Medium

Related Method Blank: VBLKDC

Lab Sample Id: VBLKDC Client Sample Id: Method Blank

CAS#	Compound	RT	Estimated Conc., ug/Kg
	NONE DETECTED		

Lab Sample Id: 981345B-02 Client Sample Id: T-2

CAS#	Compound	RT	Estimated Conc., ug/Kg
121-43-7	BORIC ACID, TRIMETHYL ESTER	8.03	15000JN
	UNKNOWN	24.81	2700J
	UNKNOWN ISOMER OF TRICHLOROB	24.34	1400J
	UNKNOWN ISOMER OF TRICHLOROB	25.29	1200J
	UNKNOWN	22.18	1100J

See Appendix for qualifier definitions

ORGANICS APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

S - Estimated due to surrogate outliers.

X - Matrix spike compound.

(1) - Cannot be separated.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C - Confirmed by GC/MS.

T - Compound present in TCLP blank.

P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut
Certification Summary (as of September 1997)

State	Responsible Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazarous Waste	998355710

7098-1345B
LEGGETTE, BRASHEARS & GRAHAM
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
T-1	981345B-01	SOIL	06/10/98	06/11/98
T-2	981345B-02	SOIL	06/10/98	06/11/98

IEA-CT ANALYTICAL SUMMARY

Client ID: T-1, T-2
Job Number: 7098-1345B

Date: 6/30/98

ty	Matrix	Analysis	Description
2	SOIL	VOA-CLP3.2-TCL	TCL Volatile Organic

Committed To *Your* Success

July 14, 1998

Severn Trent Laboratories
200 Monroe Turnpike
Monroe CT 06468
Tel: (203) 261-4458
Fax: (203) 268-8346

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 4 sample(s) received at our laboratory on June 24, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

STL Report #7098-1458B	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Jeffrey C. Curran
Laboratory Manager

JCC

7098-1458B
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using guidance provided in Method TO1/TO2. The instrumentation used was a Envirochem Unicon Series 810 interfaced with a Hewlett-Packard Model 5995 GC/MS/DS.

No problems were encountered.

TABLE VO-1.0
7098-1458B
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMAX -SOIL-I	LT-VMA X-PRE-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA8	9814588-01	9814588-02	
Method Blank I.D.	VBLKA8	VBLKA8	VBLKA8	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	1.1J	U	U	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	U	U	1J	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
1,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	17	18	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	.5J	.6J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received		06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/06/98	07/06/98	07/06/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1 Air
7098-1458B
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMA X-MID-C	LT-VMAX -POST-C		Quant. Limits with no Dilution
Lab Sample I.D.	981458B-03	981458B-04		
Method Blank I.D.	VBLKA8	VBLKA8		
Quant. Factor	1.00	1.00		
Chloromethane	U	U		9.7
Bromomethane	U	U		5.1
Vinyl Chloride	U	U		7.8
Chloroethane	U	U		7.6
Methylene Chloride	.9JB	U		2.9
Carbon Disulfide	U	1J		3.2
1,1-Dichloroethene	1J	1J		2.5
1,1-Dichloroethane	U	U		2.5
1,2-Dichloroethene (trans)	U	U		2.5
1,2-Dichloroethene (cis)	U	U		2.5
Chloroform	U	U		2.0
1,2-Dichloroethane	U	U		2.5
1,1,1-Trichloroethane	U	U		1.8
Carbon Tetrachloride	U	U		1.6
Bromodichloromethane	U	U		1.5
1,2-Dichloropropane	U	U		2.2
cis-1,3-Dichloropropene	U	U		2.2
Trichloroethene	U	U		1.9
Dibromochloromethane	U	U		1.2
1,1,2-Trichloroethane	U	U		1.8
Benzene	U	U		3.1
trans-1,3-Dichloropropene	U	U		2.2
Bromoform	U	U		0.98
Tetrachloroethene	2	12		1.5
1,1,2,2 Tetrachloroethane	U	U		1.4
Toluene	.7J	.6J		2.6
Chlorobenzene	U	U		2.2
Ethylbenzene	U	U		2.3
Styrene	U	U		2.3
m&p-Xylene	U	U		2.3
o-Xylene	U	U		2.3
Date Received	06/24/98	06/24/98		
Date Extracted	N/A	N/A		
Date Analyzed	07/06/98	07/06/98		

See Appendix for qualifier definitions
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Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

ORGANICS APPENDIX

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D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C - Confirmed by GC/MS.

T - Compound present in TCLP blank.

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New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazarous Waste	998355710

7098-1458B
LEGGETTE, BRASHEARS & GRAHAM
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
L[illegible]VMAX-SOIL-I	981458B-01	AIR	06/23/98	06/24/98
L[illegible]VMAX-PRE-C	981458B-02	AIR	06/23/98	06/24/98
L[illegible]VMAX-MID-C	981458B-03	AIR	06/23/98	06/24/98
L[illegible]VMAX-POST-C	981458B-04	AIR	06/23/98	06/24/98

IEA-CT ANALYTICAL SUMMARY

Client ID: LT-VMAX-MID-C, LT-VMAX-POST-C, LT-VMAX-PRE-C, LT-VMAX-SOIL-I
Job Number: 7098-1458B

Date: 7/14/98

Qty	Matrix	Analysis	Description
4	AIR	VOA-T01/T02	T01/T02 Volatile Org
4	None	TEDLAR BAGS	Tedlar Bag Rental

Committed To *Your* Success

July 15, 1998

Severn Trent Laboratories
200 Monroe Turnpike
Monroe CT 06468

Tel: (203) 261-4458
Fax: (203) 268-5346

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 20 sample(s) received at our laboratory on June 24, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

STL Report #7098-1458A	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Jeffrey C. Curran
Laboratory Manager

JCC

7098-1458A
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using guidance provided in Method TO1/TO2. The instrumentation used was a Envirochem Unicon Series 810 interfaced with a Hewlett-Packard Model 5995 GC/MS/DS.

A 25ml volume was used for the samples in this SDG. Sample LT-VMAX-MID-C was also analyzed at a 975ml volume. Both analyses were reported.

No problems were encountered.

TABLE VO-1.0
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMAX -SOIL-I	LT-VMA X-PRE-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA5	981458A-01	981458A-02	
Method Blank I.D.	VBLKA5	VBLKA5	VBLKA5	
Quant. Factor	1.00	40.0	40.0	
Chloromethane	5.3J	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	U	34J	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	U	410	U	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	53J	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
1,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	.4J	13JB	12JB	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	5300E	8000E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	17J	21J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received		06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/03/98	07/03/98	07/03/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-1.1
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMA X-MID-C			Quant. Limits with no Dilution
Lab Sample I.D.	981458A-03			
Method Blank I.D.	VBLKA5			
Quant. Factor	40.0			
Chloromethane	U			9.7
Bromomethane	U			5.1
Vinyl Chloride	U			7.8
Chloroethane	U			7.6
Methylene Chloride	U			2.9
Carbon Disulfide	U			3.2
1,1-Dichloroethene	360			2.5
1,1-Dichloroethane	U			2.5
1,2-Dichloroethene (trans)	U			2.5
1,2-Dichloroethene (cis)	U			2.5
Chloroform	U			2.0
1,2-Dichloroethane	U			2.5
1,1,1-Trichloroethane	U			1.8
Carbon Tetrachloride	U			1.6
Bromodichloromethane	U			1.5
1,2-Dichloropropane	U			2.2
cis-1,3-Dichloropropene	U			2.2
Trichloroethene	U			1.9
Dibromochloromethane	U			1.2
1,1,2-Trichloroethane	U			1.8
Benzene	12JB			3.1
trans-1,3-Dichloropropene	U			2.2
Bromoform	U			0.98
Tetrachloroethene	71			1.5
1,1,2,2-Tetrachloroethane	U			1.4
Toluene	22J			2.6
Chlorobenzene	U			2.2
Ethylbenzene	U			2.3
Styrene	U			2.3
m&p-Xylene	U			2.3
o-Xylene	U			2.3
Date Received	06/24/98			
Date Extracted	N/A			
Date Analyzed	07/04/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.2 Air
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMAX -POST-C	LT-VMAX -SOIL-I	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA6	981458A-04	981458A-05	
Method Blank I.D.	VBLKA6	VBLKA6	VBLKA6	
Quant. Factor	1.00	40.0	40.0	
Chloromethane	U	94J	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	U	U	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	U	330	68J	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
',2-Dichloropropane	U	U	U	2.2
.is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	13J	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	3800E	6900E	1.5
1,1,2,2-Tetrachloroethane	U	30J	U	1.4
Toluene	U	23J	28J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received		06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/04/98	07/04/98	07/04/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.3
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMA X-PRE-C	LT-VMA X-MID-C	LT-VMAX -POST-C	Quant. Limits with no Dilution
Lab Sample I.D.	981458A-06	981458A-07	981458A-08	
Method Blank I.D.	VBLKA6	VBLKA6	VBLKA6	
Quant. Factor	40.0	40.0	40.0	
Chloromethane	U	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	54J	U	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	92J	35J	120	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
,2-Dichloropropane	U	U	U	2.2
is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	7500E	1600	3200E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	22J	U	25J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received	06/24/98	06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/04/98	07/04/98	07/04/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.4
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMAK -SOIL-I	LT-VMA X-PRE-C	LT-VMA X-MID-C	Quant. Limits with no Dilution
Lab Sample I.D.	981458A-09	981458A-10	981458A-11	
Method Blank I.D.	VBLKA6	VBLKA6	VBLKA6	
Quant. Factor	40.0	40.0	40.0	
Chloromethane	U	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	37J	U	120	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	220	U	290	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
,2-Dichloropropane	U	U	U	2.2
is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	19J	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	4200E	4800E	U	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	37J	30J	28J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received	06/24/98	06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/04/98	07/04/98	07/04/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.5
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMAX -POST-C			Quant. Limits with no Dilution
Lab Sample I.D.	981458A-12			
Method Blank I.D.	VBLKA6			
Quant. Factor	40.0			
Chloromethane	U			9.7
Bromomethane	U			5.1
Vinyl Chloride	U			7.8
Chloroethane	U			7.6
Methylene Chloride	U			2.9
Carbon Disulfide	U			3.2
1,1-Dichloroethene	400			2.5
1,1-Dichloroethane	U			2.5
1,2-Dichloroethene (trans)	U			2.5
1,2-Dichloroethene (cis)	U			2.5
Chloroform	U			2.0
1,2-Dichloroethane	U			2.5
1,1,1-Trichloroethane	U			1.8
Carbon Tetrachloride	U			1.6
Bromodichloromethane	U			1.5
.2-Dichloropropane	U			2.2
is-1,3-Dichloropropene	U			2.2
Trichloroethene	U			1.9
Dibromochloromethane	U			1.2
1,1,2-Trichloroethane	U			1.8
Benzene	U			3.1
trans-1,3-Dichloropropene	U			2.2
Bromoform	U			0.98
Tetrachloroethene	940			1.5
1,1,2,2-Tetrachloroethane	U			1.4
Toluene	22J			2.6
Chlorobenzene	U			2.2
Ethylbenzene	U			2.3
Styrene	U			2.3
m&p-Xylene	U			2.3
o-Xylene	U			2.3
Date Received	06/24/98			
Date Extracted	N/A			
Date Analyzed	07/04/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-1.6
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMAX -SOIL-I	LT-VMA X-PRE-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA7	981458A-13	981458A-14	
Method Blank I.D.	VBLKA7	VBLKA7	VBLKA7	
Quant. Factor	1.00	40.0	40.0	
Chloromethane	U	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	U	U	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	U	U	U	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	1.6	2100B	1900B	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	22J	16J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received	N/A	06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/05/98	07/05/98	07/05/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.7
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are uL/L.

Client Sample I.D.	LT-VMA X-MID-C	LT-VMAX -POST-C	LT-VMAX -SOIL-I	Quant. Limits with no Dilution
Lab Sample I.D.	981458A-15	981458A-16	981458A-17	
Method Blank I.D.	VBLKA7	VBLKA7	VBLKA7	
Quant. Factor	40.0	40.0	40.0	
Chloromethane	150J	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	30J	92J	50J	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	290	240	110	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
2-Dichloropropane	U	U	U	2.2
is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	51JB	490B	1100B	1.5
1,1,2,2-Tetrachloroethane	15J	U	U	1.4
Toluene	U	16J	U	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received	06/24/98	06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/05/98	07/05/98	07/05/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.8
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	LT-VMA X-PRE-C	LT-VMA X-MID-C DL	LT-VMAX -POST-C	Quant. Limits with no Dilution
Lab Sample I.D.	981458A-18	981458A-19DL	981458A-20	
Method Blank I.D.	VBLKA7	VBLKA7	VBLKA7	
Quant. Factor	40.0	40.0	40.0	
Chloromethane	140J	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	110J	U	U	2.9
Carbon Disulfide	U	U	U	3.2
1,1-Dichloroethene	68J	U	50J	2.5
1,1-Dichloroethane	U	35JD	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	U	U	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
,2-Dichloropropane	U	U	U	2.2
is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	23J	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	1100B	44JDB	420B	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	23J	15JD	16J	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	U	U	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	U	U	2.3
Date Received	06/24/98	06/24/98	06/24/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/05/98	07/05/98	07/05/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-1.9
7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMA X-MID-C		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA8	981458A-19		
Method Blank I.D.	VBLKA8	VBLKA8		
Quant. Factor	1.00	1.02		
Chloromethane	U	U		9.7
Bromomethane	U	U		5.1
Vinyl Chloride	U	U		7.8
Chloroethane	U	U		7.6
Methylene Chloride	1.1J	56B		2.9
Carbon Disulfide	U	11		3.2
1,1-Dichloroethene	U	11		2.5
1,1-Dichloroethane	U	U		2.5
1,2-Dichloroethene (trans)	U	U		2.5
1,2-Dichloroethene (cis)	U	U		2.5
Chloroform	U	U		2.0
1,2-Dichloroethane	U	U		2.5
1,1,1-Trichloroethane	U	2		1.8
Carbon Tetrachloride	U	U		1.6
Bromodichloromethane	U	U		1.5
1,2-Dichloropropane	U	U		2.2
cis-1,3-Dichloropropene	U	U		2.2
Trichloroethene	U	U		1.9
Dibromochloromethane	U	U		1.2
1,1,2-Trichloroethane	U	U		1.8
Benzene	U	.9J		3.1
trans-1,3-Dichloropropene	U	U		2.2
Bromoform	U	U		0.98
Tetrachloroethene	U	12		1.5
1,1,2,2-Tetrachloroethane	U	2		1.4
Toluene	U	12		2.6
Chlorobenzene	U	U		2.2
Ethylbenzene	U	2J		2.3
Styrene	U	U		2.3
m&p-Xylene	U	7		2.3
o-Xylene	U	1J		2.3
Date Received		06/24/98		
Date Extracted	N/A	N/A		
Date Analyzed	07/06/98	07/06/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

ORGANICS APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

S - Estimated due to surrogate outliers.

X - Matrix spike compound.

(1) - Cannot be separated.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C - Confirmed by GC/MS.

T - Compound present in TCLP blank.

P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut
Certification Summary (as of September 1997)

State	Program/Responsible Agency	Certification	ID Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazardous Waste	998355710

7098-1458A
LEGGETTE, BRASHEARS & GRAHAM
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
LT-VMAX-SOIL-I	981458A-01	AIR	06/19/98	06/24/98
LT-VMAX-PRE-C	981458A-02	AIR	06/19/98	06/24/98
LT-VMAX-MID-C	981458A-03	AIR	06/19/98	06/24/98
LT-VMAX-POST-C	981458A-04	AIR	06/19/98	06/24/98
LT-VMAX-SOIL-I	981458A-05	AIR	06/19/98	06/24/98
LT-VMAX-PRE-C	981458A-06	AIR	06/19/98	06/24/98
LT-VMAX-MID-C	981458A-07	AIR	06/19/98	06/24/98
LT-VMAX-POST-C	981458A-08	AIR	06/19/98	06/24/98
LT-VMAX-SOIL-I	981458A-09	AIR	06/20/98	06/24/98
LT-VMAX-PRE-C	981458A-10	AIR	06/20/98	06/24/98
LT-VMAX-MID-C	981458A-11	AIR	06/20/98	06/24/98
LT-VMAX-POST-C	981458A-12	AIR	06/20/98	06/24/98
LT-VMAX-SOIL-I	981458A-13	AIR	06/21/98	06/24/98
LT-VMAX-PRE-C	981458A-14	AIR	06/21/98	06/24/98
LT-VMAX-MID-C	981458A-15	AIR	06/21/98	06/24/98
LT-VMAX-POST-C	981458A-16	AIR	06/21/98	06/24/98
LT-VMAX-SOIL-I	981458A-17	AIR	06/22/98	06/24/98
LT-VMAX-PRE-C	981458A-18	AIR	06/22/98	06/24/98
LT-VMAX-MID-C	981458A-19	AIR	06/22/98	06/24/98
LT-VMAX-POST-C	981458A-20	AIR	06/22/98	06/24/98

IEA-CT ANALYTICAL SUMMARY

Client ID: LT-VMAX-MID-C, LT-VMAX-POST-C, LT-VMAX-PRE-C, LT-VMAX-SOIL-I
Job Number: 7098-1458A

Date: 7/15/98

Qty	Matrix	Analysis	Description
20	AIR	VOA-T01/T02	T01/T02 Volatile Org
20	None	TEDLAR BAGS	Tedlar Bag Rental

AEN JOB #: 7058-1458A

CLIENT: LBG

PROJECT ID: Rowe Industries

AEN PROJECT MGR: Solanna D

RUSH [ ] YES [ ] NO DUE DATE

BOTTLE TYPE AND PRESERVATION: TO-1/TO-2, 1 Liter Tedlar

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	Lt Vmax MiDC	6/20 1120	A	11		1								
	Lt VMAX PostC	6/20 1119	A	12		1								
	Lt VMAX Soil I	6/21 1213	A	13		1								
	Lt VMAX Pre-C	6/21 1220	A	14		1								
	Lt VMAX MiDC	6/21 1219	A	15		1								
	LT VMAX PostC	6/21 1218	A	16		1								
	Lt VMAX Soil II	6/22 1167	A	17		1								
	Lt VMAX Pre-C	6/22 1115	A	18		1								
	Lt VMAX MiD C	6/22 1114	A	19		1								
	Lt VMAX PostC	6/22 1112	A	20		1								

MATRIX CODES

A - AIR; S - SOIL
AQ - AQUEOUS; SL - SLUDGE
C - COMPLEX; W - WIPE
D - DRUM WASTE; O - OTHER
OI - OIL; FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY — DATE / TIME
SIGNATURE

BOTTLES REC'D BY — DATE / TIME
SIGNATURE

SAMPLES COLLECTED BY: William T. West — DATE / TIME: 6/24/88 1040
SIGNATURE: [signature]

RECEIVED IN LAB BY: J Brzezinski — DATE / TIME: 6/24/88 10:40
SIGNATURE: [signature]

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEAL
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE REMARKS

LABORATORY COPY

AEN JOB #: 7058-1458A

CLIENT: LBG

PROJECT ID: Rowe Ind.

AEN PROJECT MGR: Johanna D

RUSH [ ] YES [ ] NO DUE DATE

BOTTLE TYPE AND PRESERVATION: 1 Liter Teflon

BOTTLE SET	CLIENT SAMPLE ID	DATE/TIME SAMPLED		MATRIX	LAB ID	QC Y/N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	LT VMAX Soil I	6/19	1654	A	01		1								
	LT Vmax PRE-C	6/19	1704	A	02		1								
	LT VMAX MiD-C	6/19	1700	A	03		1								
	LT VMAX POST C	6/19	1702	A	04		1								
	Lt VMAX SoiL F	6/19	2128	A	05		1								
	Lt VMAX PRE-C	6/19	2140	A	06		1								
	Lt VMAX MiDC	6/19	2138	A	07		1								
	Lt VMAX POST C	6/19	2136	A	08		1								
	Lt Vmax SoiL F	6/20	1115		09		1								
	LT Vmax PRE-C	6/20	1121		10		1								

Passed Rad Screen 6/24/98

MATRIX CODES:
A - AIR; S - SOIL
AQ - AQUEOUS; SL - SLUDGE
C - COMPLEX; W - WIPE
D - DRUM WASTE; O - OTHER
OI - OIL; FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY	DATE / TIME	RECEIVED IN LAB BY	DATE / TIME
[signature]	6/24/98 1040	J Bulinski	6/24/98 10:40
SIGNATURE		SIGNATURE [signature]	

REMARKS ON SAMPLE RECEIPT:
[X] BOTTLES INTACT [ ] CUSTODY S
[ ] PRESERVED [ ] SEALS INTA
[ ] CHILLED [ ] SEE REMAR

LABORATORY COPY

STL

Committed To *Your* Success

July 13, 1998

Severn Trent Laboratories
200 Monroe Turnpike
Monroe CT 06468

Tel (203) 261-4458
Fax (203) 268-5346

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 19 sample(s) received at our laboratory on June 19, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

STL Report #7098-1434A	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Jeffrey C. Curran
Laboratory Manager

JCC

7098-1434A
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using guidance provided in Method TO1/TO2. The instrumentation used was a Envirochem Unicon Series 810 interfaced with a Hewlett-Packard Model 5995 GC/MS/DS.

Some samples in this SDG had suppression of internal standard areas, surrogates out of criteria and/or compounds over the calibration curve. These analyses were reported since air samples can only be analyzed once.

Sample S-VMAX-POST-C was not spiked with internal standard and surrogate spiking solutions. The compound concentrations were calculated using the internal standard areas from the calibration check standard for 06/22/98.

A one liter volume was used for the samples in this SDG.

Sample 981434A-18 was lost due to an instrument malfunction. This sample was cancelled.

TABLE VO-1.0 Air
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	MID-VM AXMID-C	MID-VMA XPOST-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKAW	981434A-01	981434A-02	
Method Blank I.D.	VBLKAW	VBLKAW	VBLKAW	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	3.6J	U	U	9.7
Bromomethane	U	4J	4J	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	10	4	2.9
Carbon Disulfide	U	10	13	3.2
1,1-Dichloroethene	U	6	5	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	9	33	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
,2-Dichloropropane	U	U	U	2.2
-is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	U	8	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	.8J	2J	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	.8J	780E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	.6J	8B	7B	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	1J	3	2.3
Styrene	U	U	.9J	2.3
m&p-Xylene	U	5	8	2.3
o-Xylene	U	2J	3	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/19/98	06/19/98	06/19/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.1
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

Air

All values are nL/L.

Client Sample I.D.	S-VMAX-SI			Quant. Limits with no Dilution
Lab Sample I.D.	981434A-03			
Method Blank I.D.	VBLKAW			
Quant. Factor	1.00			
Chloromethane	U			9.7
Bromomethane	4J			5.1
Vinyl Chloride	U			7.8
Chloroethane	U			7.6
Methylene Chloride	32			2.9
Carbon Disulfide	6			3.2
1,1-Dichloroethene	53			2.5
1,1-Dichloroethane	U			2.5
1,2-Dichloroethene (trans)	U			2.5
1,2-Dichloroethene (cis)	U			2.5
Chloroform	U			2.0
1,2-Dichloroethane	U			2.5
1,1,1-Trichloroethane	180E			1.8
Carbon Tetrachloride	U			1.6
Bromodichloromethane	U			1.5
1,2-Dichloropropane	U			2.2
cis-1,3-Dichloropropene	U			2.2
Trichloroethene	35			1.9
Dibromochloromethane	U			1.2
1,1,2-Trichloroethane	U			1.8
Benzene	2J			3.1
trans-1,3-Dichloropropene	U			2.2
Bromoform	U			0.98
Tetrachloroethene	1600E			1.5
1,1,2,2-Tetrachloroethane	U			1.4
Toluene	6B			2.6
Chlorobenzene	U			2.2
Ethylbenzene	2J			2.3
Styrene	1J			2.3
m&p-Xylene	6			2.3
o-Xylene	3			2.3
Date Received	06/19/98			
Date Extracted	N/A			
Date Analyzed	06/19/98			

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.2
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	S-VMAX-PRE-CS	S-VMAX-MID-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKAX	981434A-04	981434A-05	
Method Blank I.D.	VBLKAX	VBLKAX	VBLKAX	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	3.5J	U	U	9.7
Bromomethane	U	5J	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	28	27	2.9
Carbon Disulfide	U	13	10	3.2
1,1-Dichloroethene	2.4J	60B	U	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	4	2.5
1,1,1-Trichloroethane	U	250E	10	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
1,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	37	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	2100E	460E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	2J	14B	12B	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	2J	2J	2.3
Styrene	U	.5J	U	2.3
m&p-Xylene	U	7	6	2.3
o-Xylene	U	3	2J	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/22/98	06/22/98	06/22/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.3
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	S-VMAX -POST-C	LT-VMAX -SOIL-I		Quant. Limits with no Dilution
Lab Sample I.D.	981434A-06	981434A-07		
Method Blank I.D.	VBLKAX	VBLKAX		
Quant. Factor	1.00	1.00		
Chloromethane	U	U		9.7
Bromomethane	2J	U		5.1
Vinyl Chloride	U	U		7.8
Chloroethane	U	U		7.6
Methylene Chloride	U	8		2.9
Carbon Disulfide	5	18		3.2
1,1-Dichloroethene	3B	62B		2.5
1,1-Dichloroethane	U	U		2.5
1,2-Dichloroethene (trans)	U	U		2.5
1,2-Dichloroethene (cis)	U	U		2.5
Chloroform	U	U		2.0
1,2-Dichloroethane	U	U		2.5
1,1,1-Trichloroethane	8	220E		1.8
Carbon Tetrachloride	U	U		1.6
Bromodichloromethane	U	U		1.5
,2-Dichloropropane	U	U		2.2
cis-1,3-Dichloropropene	U	U		2.2
Trichloroethene	3	45		1.9
Dibromochloromethane	U	U		1.2
1,1,2-Trichloroethane	U	U		1.8
Benzene	U	3J		3.1
trans-1,3-Dichloropropene	U	U		2.2
Bromoform	U	U		0.98
Tetrachloroethene	900E	2600E		1.5
1,1,2,2-Tetrachloroethane	U	U		1.4
Toluene	9B	18B		2.6
Chlorobenzene	.3J	U		2.2
Ethylbenzene	2J	4		2.3
Styrene	.5J	U		2.3
m&p-Xylene	5	U		2.3
o-Xylene	2J	4		2.3
Date Received	06/19/98	06/19/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/22/98	06/22/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.4
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	LT-VMA X-PRE-C	LT-VMA X-MID-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKAY	981434A-08	981434A-09	
Method Blank I.D.	VBLKAY	VBLKAY	VBLKAY	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	9.7
Bromomethane	3.1J	7B	4JB	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	4	6	2.9
Carbon Disulfide	U	10	7	3.2
1,1-Dichloroethene	1.9J	42B	6B	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	220E	27	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	58	U	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	2J	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	3600E	820E	1.5
1,1,2,2-Tetrachloroethane	U	U	57	1.4
Toluene	2.4J	11B	8B	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	5	2J	2.3
Styrene	U	U	U	2.3
m&p-Xylene	U	U	6	2.3
o-Xylene	U	5	2J	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/23/98	06/23/98	06/23/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.5
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are mL/L.

Client Sample I.D.	Method Blank	LT-VMAX -POST-C	FULL-VMAX-SI	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA1	981434A-10	981434A-11	
Method Blank I.D.	VBLKA1	VBLKA1	VBLKA1	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	9.7
Bromomethane	U	3J	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	9	10	2.9
Carbon Disulfide	U	8	5	3.2
1,1-Dichloroethene	U	5	130E	2.5
1,1-Dichloroethane	U	U	U	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	7	250E	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
1,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	6	32	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	1J	2J	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	780E	1200E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	10	5	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	3	1J	2.3
Styrene	U	2J	U	2.3
m&p-Xylene	U	7	U	2.3
o-Xylene	U	4	2J	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/25/98	06/25/98	06/25/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.6
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

Air

All values are nL/L.

Client Sample I.D.	FULL-VM AX-PRE-C	FULL-VMA X-POST-C		Quant. Limits with no Dilution
Lab Sample I.D.	981434A-12	981434A-14		
Method Blank I.D.	VBLKA1	VBLKA1		
Quant. Factor	1.00	1.00		
Chloromethane	U	U		9.7
Bromomethane	3J	4J		5.1
Vinyl Chloride	U	U		7.8
Chloroethane	U	U		7.6
Methylene Chloride	6	4		2.9
Carbon Disulfide	5	6		3.2
1,1-Dichloroethene	110	4		2.5
1,1-Dichloroethane	U	U		2.5
1,2-Dichloroethene (trans)	U	U		2.5
1,2-Dichloroethene (cis)	U	U		2.5
Chloroform	U	U		2.0
1,2-Dichloroethane	U	U		2.5
1,1,1-Trichloroethane	220E	11		1.8
Carbon Tetrachloride	U	U		1.6
Bromodichloromethane	U	U		1.5
2-Dichloropropane	U	U		2.2
cis-1,3-Dichloropropene	U	U		2.2
Trichloroethene	41	4		1.9
Dibromochloromethane	U	U		1.2
1,1,2-Trichloroethane	U	U		1.8
Benzene	1J	U		3.1
trans-1,3-Dichloropropene	U	U		2.2
Bromoform	U	U		0.98
Tetrachloroethene	1400E	530E		1.5
1,1,2,2-Tetrachloroethane	U	U		1.4
Toluene	3	7		2.6
Chlorobenzene	U	U		2.2
Ethylbenzene	U	2J		2.3
Styrene	U	1J		2.3
m&p-Xylene	U	8		2.3
o-Xylene	1J	4		2.3
Date Received	06/19/98	06/19/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/25/98	06/25/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-1.7
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	FULL-VM AX-MID-C	N-VMAX-SI	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA2	981434A-13	981434A-15	
Method Blank I.D.	VBLKA2	VBLKA2	VBLKA2	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	9.7
Bromomethane	U	U	U	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	4	5	2.9
Carbon Disulfide	U	6	5	3.2
1,1-Dichloroethene	U	4	55	2.5
1,1-Dichloroethane	U	U	2J	2.5
1,2-Dichloroethene (trans)	U	U	U	2.5
1,2-Dichloroethene (cis)	U	U	U	2.5
Chloroform	U	U	U	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	13	120E	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
.2-Dichloropropane	U	U	U	2.2
is-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	2	30	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	U	U	1.8
Benzene	U	U	2J	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	.9J	360EB	1600EB	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	10	6	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	2J	U	2.3
Styrene	U	U	1J	2.3
m&p-Xylene	U	5	U	2.3
o-Xylene	U	6	U	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	06/26/98	06/26/98	06/26/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-1.8
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	N-VMAX-PRE-C	N-VMAX-MID-C		Quant. Limits with no Dilution
Lab Sample I.D.	981434A-16	981434A-17		
Method Blank I.D.	VBLKA2	VBLKA2		
Quant. Factor	1.00	1.00		
Chloromethane	U	U		9.7
Bromomethane	U	U		5.1
Vinyl Chloride	U	U		7.8
Chloroethane	U	U		7.6
Methylene Chloride	4	6		2.9
Carbon Disulfide	6	3J		3.2
1,1-Dichloroethene	36	5		2.5
1,1-Dichloroethane	3	U		2.5
1,2-Dichloroethene (trans)	U	U		2.5
1,2-Dichloroethene (cis)	U	U		2.5
Chloroform	U	U		2.0
1,2-Dichloroethane	U	U		2.5
1,1,1-Trichloroethane	220E	4		1.8
Carbon Tetrachloride	U	U		1.6
Bromodichloromethane	U	U		1.5
,2-Dichloropropane	U	U		2.2
is-1,3-Dichloropropene	U	U		2.2
Trichloroethene	31	1J		1.9
Dibromochloromethane	U	U		1.2
1,1,2-Trichloroethane	U	U		1.8
Benzene	U	U		3.1
trans-1,3-Dichloropropene	U	U		2.2
Bromoform	U	U		0.98
Tetrachloroethene	1800EB	300EB		1.5
1,1,2,2-Tetrachloroethane	U	U		1.4
Toluene	7	3		2.6
Chlorobenzene	U	U		2.2
Ethylbenzene	2J	.8J		2.3
Styrene	.8J	U		2.3
m&p-Xylene	10	2J		2.3
o-Xylene	.8J	U		2.3
Date Received	06/19/98	06/19/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/26/98	06/26/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VO-1.9
7098-1434A
LEGGETTE, BRASHEARS & GRAHAM
T01/T02 VOLATILE ORGANICS

All values are nL/L.

Client Sample I.D.	Method Blank	MID-VMAX-SI	MID-VMAX-PRE-C	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKA3	981434A-19	981434A-20	
Method Blank I.D.	VBLKA3	VBLKA3	VBLKA3	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	28	U	9.7
Bromomethane	3J	16B	4JB	5.1
Vinyl Chloride	U	U	U	7.8
Chloroethane	U	U	U	7.6
Methylene Chloride	U	7	2J	2.9
Carbon Disulfide	U	7	U	3.2
1,1-Dichloroethene	U	570E	350E	2.5
1,1-Dichloroethane	U	22	U	2.5
1,2-Dichloroethene (trans)	U	2J	1J	2.5
1,2-Dichloroethene (cis)	U	9	8	2.5
Chloroform	U	U	1J	2.0
1,2-Dichloroethane	U	U	U	2.5
1,1,1-Trichloroethane	U	840E	590E	1.8
Carbon Tetrachloride	U	U	U	1.6
Bromodichloromethane	U	U	U	1.5
1,2-Dichloropropane	U	U	U	2.2
cis-1,3-Dichloropropene	U	U	U	2.2
Trichloroethene	U	130E	130E	1.9
Dibromochloromethane	U	U	U	1.2
1,1,2-Trichloroethane	U	27	10	1.8
Benzene	U	U	U	3.1
trans-1,3-Dichloropropene	U	U	U	2.2
Bromoform	U	U	U	0.98
Tetrachloroethene	U	750E	730E	1.5
1,1,2,2-Tetrachloroethane	U	U	U	1.4
Toluene	U	10	5	2.6
Chlorobenzene	U	U	U	2.2
Ethylbenzene	U	2J	U	2.3
Styrene	U	.9J	U	2.3
m&p-Xylene	U	U	U	2.3
o-Xylene	U	3	3	2.3
Date Received		06/19/98	06/19/98	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	07/01/98	07/02/98	07/02/98	

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

ORGANICS APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

S - Estimated due to surrogate outliers.

X - Matrix spike compound.

(1) - Cannot be separated.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C* - Confirmed by GC/MS.

T - Compound present in TCLP blank.

P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut
Certification Summary (as of September 1997)

State	Responsible Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazarous Waste	998355710

Rowe
Soil Impoundment
Testing - June 1998

American Environmental Network
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CHAIN OF CUSTODY RECORD

PAGE OF | NO

AEN JOB #:

CLIENT: LBG

PROJECT ID: Rowe Industries

AEN PROJECT MGR: J. [illegible] D.

RUSH ☐ YES ☒ NO DUE DATE

TTLE T #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	TESTS: 624 / 10.2	BOTTLE TYPE AND PRESERVATION: 624 HCl	FIELD FILTERED - CIRCLE Y or N	GENERAL REMARKS / SAMPLE REMARKS
	Full Vmax SI	6/18 1749	A			1		Y / N	
	Full Vmax Pre-C	6/18 1800	A			1		Y / N	
	Full Vmax Mid C	6/18 1802	A			1		Y / N	
	Full Vmax Post C	6/18 1805	A			1		Y / N	
	N Vmax SI	6/18 1914	A			1		Y / N	
	N Vmax Pre-C	6/18 1925	A			1		Y / N	
	N Vmax Mid C	6/18 1927	A			1		Y / N	
	N Vmax Post C	6/18 1923	A			1		Y / N	
	MD Vmax SI	6/18 2011	A			1		Y / N	
	MD Vmax Pre-C	6/18 2018	A			1		Y / N	

MATRIX CODES

- AIR
- AQUEOUS
- COMPLEX
- DRUM WASTE
- OIL
- SOIL
- SLUDGE
- WIPE
- OTHER
- FIELD BLANK
- TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME
SIGNATURE	

SAMPLES COLLECTED BY	DATE / TIME
W. Matthews	6/18/18
SIGNATURE	1748

BOTTLES REC'D BY	DATE / TIME
Scott Snyder	6/19/18
SIGNATURE	1240

RECEIVED IN LAB BY	DATE / TIME
SIGNATURE	

REMARKS ON SAMPLE RECEIPT

☐ BOTTLES INTACT	☐ CUSTODY SEALS
☐ PRESERVED	☐ SEALS INTACT
☐ CHILLED	☐ SEE REMARKS

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CHAIN OF CUSTODY RECORD

PAGE OF NO

AEN JOB #:

CLIENT: EBG

PROJECT ID: Rowe Industries

AEN PROJECT MGR: Tiana D.

RUSH [ ] YES [ ] NO DUE DATE

TESTS: TO-1/TO-2

BOTTLE TYPE AND PRESERVATION: Tedlar

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	FIELD FILTERED - CIRCLE Y or N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	MD VMAX MDC	6/18 2020	A			—								
	MD VMAX POST C	6/18 2023	A			—								
	S VMAX EI	6/18 2118	A			—								
	S VMAX PRE C	6/18 2129	A			—								
	S VMAX MDC	6/18 2125	A			—								
	S VMAX POST C	6/18 2125	A			—								
	LT VMAX [illegible] I	6/19 1223	A			—								
	LT VMAX PRE C	6/19 1218	A			—								
	LT VMAX MDC	6/19 1220	A			—								
	LT VMAX POST C	6/19 1219	A			—								

GENERAL REMARKS

MATRIX CODES

A - AIR
AQ - AQUEOUS
C - COMPLEX
D - DRUM WASTE
OI - OIL
S - SOIL
SL - SLUDGE
W - WIPE
O - OTHER
FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
		Scott Snyder	6/19/98
SIGNATURE		SIGNATURE [signature]	1:48
SAMPLES COLLECTED BY: William T. West	DATE / TIME: 6/19/98	RECEIVED IN LAB BY	DATE / TIME: 6/19/98
SIGNATURE [signature]	1245	SIGNATURE [signature]	

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] [illegible]

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[illegible]eritan Environmental Network

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CHAIN OF CUSTODY RECORD

NO

AEN JOB #:

CLIENT: LFG

PROJECT ID: Rowe [illegible]

AEN PROJECT MGR: [illegible] D

RUSH [ ] YES [ ] NO DUE DATE

TESTS: T0-1/T02

BOTTLE TYPE AND PRESERVATION: [illegible]

GENERAL REMARKS

SAMPLE REMARKS

BOTTLE #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	FIELD FILTERED - CIRCLE Y or N: Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N
	LT VMAX Soil I	6/19 1654	A			1							
	LT VMAX Pre-C	6/19 1704	A			1							
	LT VMAX P.D.C	6/19 1700	A			1							
	LT VMAX Post C	6/19 1702	A			1							
	LT VMAX Soil I	6/19 2128	A			1							
	LT VMAX Pre-C	6/19 2140	A			1							
	LT VMAX P.D.C	6/19 2138	A			1							
	LT VMAX Post C	6/19 2136	A			1							
	LT VMAX Soil I	6/20 1115				1							
	LT VMAX Pre-C	6/20 1121				1							

MATRIX CODES

A - AIR | S - SOIL
AQ - AQUEOUS | SL - SLUDGE
C - COMPLEX | W - WIPE
D - DRUM WASTE | O - OTHER
OI - OIL | FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY [illegible]	DATE / TIME 6/21/98	RECEIVED IN LAB BY [illegible]	DATE / TIME 6/22/98
SIGNATURE	1040	SIGNATURE [illegible]	[illegible]

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS

[ ] PRESERVED [ ] SEALS INTACT

[ ] CHILLED [ ] SEE REMARKS

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CHAIN OF CUSTODY RECORD

NO

AEN JOB #:

CLIENT: LBG

PROJECT ID: Prov Industries

AEN PROJECT MGR: Johanna D

RUSH [ ] YES [ ] NO DUE DATE

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	TESTS: TO-1/TO-2; BOTTLE TYPE AND PRESERVATION: liter Tedlar; FIELD FILTERED Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N
	L1 Vmax MIDC	6/20 1120	A			1							
	L1 VMAX Posi C	6/20 1119	A			1							
	L1 Vmax Coll I	6/21 1213	A			1							
	L1 Vmax Pic C	6/21 1220	A			1							
	L1 Vmax MIDC	6/21 1219	A			1							
	L1 Vmax Posi C	6/21 1218	A			1							
	L1 Vmax [illegible]	6/22 1167	A			1							
	L1 Vmax [illegible] C	6/22 1115	A			1							
	L1 Vmax [illegible] C	6/22 1114	A			1							
	L1 Vmax Posi C	6/22 1112	A			1							

GENERAL REMARKS

SAMPLE REMARKS

MATRIX CODES

A	AIR	S	SOIL
AQ	AQUEOUS	SL	SLUDGE
C	COMPLEX	W	WIPE
D	DRUM WASTE	O	OTHER
OI	OIL	FB	FIELD BLANK
		TB	TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY: William T. West	DATE / TIME: 6/24/98 1040	RECEIVED IN LAB BY: J. Kreeza...	DATE / TIME: 6/24/98 10:40
SIGNATURE: [signature]		SIGNATURE: [signature]	

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE BELOW

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CHAIN OF CUSTODY RECORD

PAGE ___ OF ___ NO ___

AEN

AEN JOB #:

CLIENT: LEA

PROJECT ID: Reut Ind.

AEN PROJECT MGR: Johanna D.

RUSH [ ] YES [ ] NO DUE DATE

BOTTLE KIT #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	TESTS: Air TO-14 / BOTTLE TYPE AND PRESERVATION: [illegible] / FIELD FILTERED Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	[illegible]	6/23 1140	A			1								
	[illegible]	6/23 1148	A			1								
	[illegible]	6/23 1147	A			1								
	[illegible]	6/23 1146	A			1								

GENERAL REMARKS

MATRIX CODES

A - AIR
AQ - AQUEOUS
C - COMPLEX
D - DRUM WASTE
OI - OIL
S - SOIL
SL - SLUDGE
W - WIPE
O - OTHER
FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY: William T. West	6/24/98	RECEIVED IN LAB BY: J. [illegible]	6/24/98
SIGNATURE: [illegible]	1010	SIGNATURE: [illegible]	10:40

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE REMARKS

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PAGE OF NO.

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AEN JOB #:

CLIENT: LBG

PROJECT ID: Davie Industries

AEN PROJECT MGR: Johanna D.

RUSH [ ] YES [X] NO DUE DATE

TESTS: TO-1/TO-2

BOTTLE TYPE AND PRESERVATION: Tedlar

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	FIELD FILTERED Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	Full VMAX SI	6/18 1749	A			1								
	Full VMAX Pre-C	6/18 1800	A			1								
	Full VMAX Mid-C	6/18 1802	A			1								
	Full VMAX Post-C	6/18 1805	A			1								
	N VMAX SI	6/18 1914	A			1								
	N VMAX Pre-C	6/18 1925	A			1								
	N VMAX Mid-C	6/18 1924	A			1								
	N VMAX Post-C	6/18 1923	A			1								
	MD VMAX SI	6/18 2011	A			1								
	MD VMAX Pre-C	6/18 2018	A			1								

GENERAL REMARKS:

MATRIX CODES:
A - AIR; AO - AQUEOUS; C - COMPLEX; D - DRUM WASTE; OI - OIL; S - SOIL; SL - SLUDGE; W - WIPE; O - OTHER; FB - FIELD BLANK; TB - TRIP BLANK

BOTTLES PREPARED BY: DATE / TIME:
SIGNATURE:

SAMPLES COLLECTED BY: William T Wess DATE / TIME: 6/19/98 1248
SIGNATURE: [signature]

BOTTLES REC'D BY: Scott Snyder DATE / TIME: 6/19/98 1248
SIGNATURE: [signature]

RECEIVED IN LAB BY: DATE / TIME: 6/15/..
SIGNATURE: [signature]

REMARKS ON SAMPLE RECEIPT:
[ ] BOTTLES INTACT [ ] CUSTODY SEALS
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE REMARKS

Environmental Network — CHAIN OF CUSTODY RECORD

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PAGE [ ] OF [ ] NO [ ]

AEN JOB #:

CLIENT: EBG,

PROJECT ID: Rowe Industries

AEN PROJECT MGR: Joanna D

RUSH [ ] YES [ ] NO DUE DATE

GENERAL REMARKS

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	TESTS: TO-1/TO-2	BOTTLE TYPE AND PRESERVATION: T40/A2	FIELD FILTERED - CIRCLE Y or N	SAMPLE REMARKS
	M·D VMAX M·D·C	6/18 2020	A			1		Y / N	
	M·D VMAX POST C	6/18 2023	A			1		Y / N	
	S VMAX SI	6/18 2118	A			1		Y / N	
	S VMAX PRE·C	6/18 2129	A			1		Y / N	
	S VMAX M·D C	6/18 2125	A			1		Y / N	
	S VMAX POST C	6/18 2125	A			1		Y / N	
	LT VMAX [illegible] I	6/19 1223	A			1		Y / N	
	LT VMAX [illegible] C	6/19 1218	A			1		Y / N	
	LT VMAX M·D C	6/19 1220	A			1		Y / N	
	LT VMAX POST C	6/19 1219	A			1		Y / N	

MATRIX CODES

A - AIR; AQ - AQUEOUS; C - COMPLEX; D - DRUM WASTE; OI - OIL; S - SOIL; SL - SLUDGE; W - WIPE; O - OTHER; FB - FIELD BLANK; TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE: Scott Snyder	6/12/98
SAMPLES COLLECTED BY: William T. [illegible]	DATE / TIME: 6/19/98	RECEIVED IN LAB BY	DATE / TIME
SIGNATURE	1248	SIGNATURE	

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS

[ ] PRESERVED [ ] SEALS INTACT

[ ] CHILLED [ ] SEE REMARKS

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 3 | NO.

AEN JOB #:

CLIENT: LBG

PROJECT ID: Rowe Jnd

AEN PROJECT MGR: Johanna D

RUSH [ ] YES [ ] NO DUE DATE

TESTS								GENERAL REMARKS
TO-15 TO2								
BOTTLE TYPE AND PRESERVATION								
1 Liter Tedlar								

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	FIELD FILTERED - CIRCLE Y or N								SAMPLE REMARKS
						Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	
	LT VMAX SOIL I	6/19 1654	A			1								
	LT VMAX PRE-C	6/19 1704	A			1								
	LT VMAX MDC	6/19 1700	A			1								
	LT VMAX POST C	6/19 1702	A			1								
	LT VMAX SOIL I	6/19 2128	A			1								
	LT VMAX PRE-C	6/19 2140	A			1								
	LT VMAX MDC	6/19 2138	A			1								
	LT VMAX POST C	6/19 2136	A			1								
	LT VMAX SOIL I	6/20 1115				1								
	LT VMAX PRE-C	6/20 1121				1								

MATRIX CODES

A - AIR
AQ - AQUEOUS
C - COMPLEX
D - DRUM WASTE
OI - OIL
S - SOIL
SL - SLUDGE
W - WIPE
O - OTHER
FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY: [illegible]	DATE / TIME: 6/19/18	RECEIVED IN LAB BY: [illegible]	DATE / TIME: 6/20/18
SIGNATURE	1040	SIGNATURE	10:40

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE REMARKS

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 3 | NO.

N JOB #:

IENT: LBG

OJECT ID: Pratt Industries

N PROJECT MGR: Barbara D

RUSH [ ] YES [ ] NO | DUE DATE

	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	TESTS: TO-1/TO-2	BOTTLE TYPE AND PRESERVATION: 1 Liter Tedlar	FIELD FILTERED - CIRCLE Y or N	GENERAL REMARKS	SAMPLE REMARKS
	L1 Vmax MIDC	6/20 1120	A					Y / N		
	L1 VMAX Post C	6/20 1119	A					1		
	L1 VMAX Soil I	6/21 1213	A					1		
	L1 VMAX Pilot C	6/21 1220	A					1		
	L1 VMAX MIDC	6/21 1219	A					1		
	L1 VMAX Post C	6/21 1218	A					1		
	L1 VMAX [illegible]	6/22 1167	A					1		
	L1 VMAX [illegible]	6/22 1115	A					1		
	L1 VMAX MIDC	6/22 1114	A					1		
	L1 VMAX [illegible]	6/22 1112	A					1		

MATRIX CODES: A - AIR, AQ - AQUEOUS, C - COMPLEX, DW - DRUM WASTE, O - OIL, S - SOIL, SL - SLUDGE, W - WIPE, O - OTHER, FB - FIELD BLANK, TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
SIGNATURE		SIGNATURE	
SAMPLES COLLECTED BY: William T. West	DATE / TIME: 6/30/22	RECEIVED IN LAB BY: T Brzenski	DATE / TIME: 6/30/22
SIGNATURE	1040	SIGNATURE	10:10

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEALS

[ ] PRESERVED [ ] SEALS INTACT

[ ] CHILLED [ ] SEE REMARKS

CLIENT COPY

AEN

G[illegible] Environmental Network · CHAIN OF CUSTODY RECORD

200 Monroe Turnpike • Monroe, CT 06468 • 203-261-4458

PAGE ___ OF ___ NO ___

EN JOB #:

CLIENT: LRG

PROJECT ID: Raut. T.D.

EN PROJECT MGR: Johanna D.

RUSH [ ] YES [ ] NO DUE DATE

TESTS: TO-1/TO-2

BOTTLE TYPE AND PRESERVATION: 1L/12 Tedlar

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y / N	FIELD FILTERED - CIRCLE Y or N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	1L V MAY Soil 1	6/23 1140	A			1								
	L+ V MAY Pre-C	6/23 1148	A			1								
	L+ V MAY Mid C	6/23 1147	A			1								
	L+ V MAY Post-C	6/23 1146	A			1								

GENERAL REMARKS:

MATRIX CODES

A - AIR · S - SOIL
AQ - AQUEOUS · SL - SLUDGE
C - COMPLEX · W - WIPE
D - DRUM WASTE · O - OTHER
OI - OIL · FB - FIELD BLANK
TB - TRIP BLANK

BOTTLES PREPARED BY ___ DATE / TIME ___
SIGNATURE ___

BOTTLES REC'D BY ___ DATE / TIME ___
SIGNATURE ___

SAMPLES COLLECTED BY: William T. West · DATE / TIME: 6/24/98 1040
SIGNATURE: [signature]

RECEIVED IN LAB BY: J Bizewski · DATE / TIME: 6/24/98 10:40
SIGNATURE: [signature]

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT · [ ] CUSTODY SEALS
[ ] PRESERVED · [ ] SEALS INTACT
[ ] CHILLED · [ ] SEE REMARKS

Committed To *Your* Success

July 23, 1998

Severn Trent Laboratories
Monroe Turnpike
Monroe CT 06468
Tel: (203) 261-4458
Fax: (203) 268-8346

Ms. Karen Destefanis
LEGGETTE, BRASHEARS & GRAHAM
126 Monroe Turnpike
Trumbull, CT 06611

Dear Ms. Destefanis :

Please find enclosed the analytical results of 3 sample(s) received at our laboratory on June 19, 1998. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definition of data qualifiers and terminology
- analytical results
- chain-of-custody

STL Report #7098-1438A	
Project ID: SAG HARBOR	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,

Jeffrey C. Curran
Laboratory Manager

JCC

7098-143BA
LEGGETTE, BRASHEARS & GRAHAM

Case Narrative

Classical Chemistry - Listed below are the wet chemistry analyte methods and references for all samples analyzed in this SDG. No analytical problems were encountered and all holding times were met.

Analyte	Method	Reference
SPLP-PREP	1312	1

References:

1. Test Methods for the Evaluation of Solid Waste, SW846, 3rd edition, 1986.

Volatile Organics - Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM03.2. The instrumentation used was a Tekmar Dynamic Headspace Concentrator interfaced with a Hewlett-Packard Model 5972A GC/MS/DS.

Sample DRYWELL F was analyzed as a medium level soil due to high target compound concentrations.

TCLP Volatile Organics were determined by purge and trap GC/MS using guidance provided in Method 8260A. The instrumentation used was a Tekmar Dynamic Headspace Concentrator interfaced with a Hewlett-Packard Model 5971A GC/MS/DS.

The "L" flag on the form 6A's designate that linear regression was used for quantitation for that compound, due to the %RSD being 15% or greater. The form 1A's reflect the true concentration calculated with linear regression. The quant reports may not agree with form 1A's, due to software limitations. All results for compounds with "L" flags should be taken from either tabulated results or form 1A's.

The sample matrix field of the Form 1A has been manually edited to reflect the sample matrix of "LEACHATE". The tabular results do not indicate the leachate matrix but accurately reflect the matrix as "AQUEOUS".

Sample DRYWELL D-1 was analyzed at a 1:10 dilution due to high target compound concentrations.

TABLE VC-1.0
7098-1438A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS

Soil
Medium

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	DRYWELL F		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKEM	981438A-01		
Method Blank I.D.	VBLKEM	VBLKEM		
Quant. Factor	1.00	2.56		
Chloromethane	U	U		1200
Bromomethane	U	U		1200
Vinyl Chloride	U	U		1200
Chloroethane	U	U		1200
Methylene Chloride	U	U		1200
Acetone	U	U		1200
Carbon Disulfide	U	U		1200
1,1-Dichloroethene	U	U		1200
1,1-Dichloroethane	U	U		1200
1,2-Dichloroethene (total)	U	U		1200
Chloroform	U	U		1200
1,2-Dichloroethane	U	U		1200
2-Butanone	U	U		1200
1,1,1-Trichloroethane	U	U		1200
Carbon Tetrachloride	U	U		1200
Bromodichloromethane	U	U		1200
1,2-Dichloropropane	U	U		1200
cis-1,3-Dichloropropene	U	U		1200
Trichloroethene	U	U		1200
Dibromochloromethane	U	1000J		1200
1,1,2-Trichloroethane	U	U		1200
Benzene	U	U		1200
trans-1,3-Dichloropropene	U	U		1200
Bromoform	U	U		1200
4-Methyl-2-Pentanone	U	U		1200
2-Hexanone	U	U		1200
Tetrachloroethene	U	U		1200
1,1,2,2-Tetrachloroethane	U	2200J		1200
Toluene	U	U		1200
Chlorobenzene	U	U		1200
Ethylbenzene	U	U		1200
Styrene	U	U		1200
Xylene (total)	U	U		1200
Date Received	N/A	06/19/98		
Date Extracted	N/A	N/A		
Date Analyzed	06/29/98	06/29/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-2.0 Aqueous
7098-1438A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS (TCLP)

All values are ug/L.

Client Sample I.D.	Method Blank	DRYWELL D-2	06309	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKL2	981438A-03	TCLPBLK06309	
Method Blank I.D.	VBLKL2	VBLKL2	VBLKL2	
Quant. Factor	1.00	1.00	1.00	
Chloromethane	U	U	U	10
Bromomethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Chloroethane	U	U	U	10
Methylene Chloride	U	13	7	5.0
Acetone	U	46	U	10
Carbon Disulfide	U	U	U	5.0
Vinyl Acetate	U	U	U	10
1,1-Dichloroethene	U	U	U	5.0
1,1-Dichloroethane	U	U	U	5.0
1,2-Dichloroethene (total)	U	U	U	5.0
Chloroform	U	U	10	5.0
1,2-Dichloroethane	U	U	U	5.0
2-Butanone	U	U	U	10
1,1,1-Trichloroethane	U	U	U	5.0
Carbon Tetrachloride	U	U	U	5.0
Bromodichloromethane	U	U	U	5.0
1,2-Dichloropropane	U	U	U	5.0
cis-1,3-Dichloropropene	U	U	U	5.0
Trichloroethene	U	U	U	5.0
Dibromochloromethane	U	U	U	5.0
1,1,2-Trichloroethane	U	U	U	5.0
Benzene	U	U	U	5.0
trans-1,3-Dichloropropene	U	U	U	5.0
Bromoform	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
2-Hexanone	U	U	U	5.0
Tetrachloroethene	U	U	U	5.0
Toluene	U	U	U	5.0
1,1,2,2-Tetrachloroethane	U	U	U	5.0
Chlorobenzene	U	U	U	5.0
Ethylbenzene	U	U	U	5.0
Styrene	U	U	U	5.0
Xylene (total)	U	U	U	5.0
Date Received	N/A	06/19/98	N/A	
Date Extracted	07/01/98	N/A	07/01/98	
Date Analyzed		07/02/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

TABLE VC-2.1
7098-1438A
LEGGETTE, BRASHEARS & GRAHAM
TCL VOLATILE ORGANICS (TCLP)

Aqueous

All values are ug/L.

Client Sample I.D.	Method Blank	DRYWELL D-1		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKL6	981438A-02		
Method Blank I.D.	VBLKL6	VBLKL6		
Quant. Factor	1.00	10.0		
Chloromethane	U	U		10
Bromomethane	U	U		10
Vinyl Chloride	U	U		10
Chloroethane	U	U		10
Methylene Chloride	U	U		5.0
Acetone	U	75J		10
Carbon Disulfide	U	U		5.0
Vinyl Acetate	U	U		10
1,1-Dichloroethene	U	U		5.0
1,1-Dichloroethane	U	410		5.0
1,2-Dichloroethene (total)	U	1100		5.0
Chloroform	U	U		5.0
1,2-Dichloroethane	U	U		5.0
2-Butanone	U	U		10
1,1,1-Trichloroethane	U	620		5.0
Carbon Tetrachloride	U	U		5.0
Bromodichloromethane	U	U		5.0
1,2-Dichloropropane	U	U		5.0
cis-1,3-Dichloropropene	U	U		5.0
Trichloroethene	U	1300		5.0
Dibromochloromethane	U	U		5.0
1,1,2-Trichloroethane	U	U		5.0
Benzene	U	U		5.0
trans-1,3-Dichloropropene	U	U		5.0
Bromoform	U	U		5.0
4-Methyl-2-Pentanone	U	U		10
2-Hexanone	U	U		10
Tetrachloroethene	U	120		5.0
Toluene	U	160		5.0
1,1,2,2-Tetrachloroethane	U	U		5.0
Chlorobenzene	U	U		5.0
Ethylbenzene	U	17J		5.0
Styrene	U	U		5.0
Xylene (total)	U	150		5.0
Date Received	N/A	06/19/98		
Date Extracted	N/A	N/A		
Date Analyzed	07/03/98	07/04/98		

See Appendix for qualifier definitions
Note: Compound detection limit = quantitation limit x quantitation factor
Quant. Factor = a numerical value which takes into account any variation in sample weight/volume, % moisture and sample dilution.

ORGANICS APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

S - Estimated due to surrogate outliers.

X - Matrix spike compound.

(1) - Cannot be separated.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C - Confirmed by GC/MS.

T - Compound present in TCLP blank.

P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 25.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut
Certification Summary (as of September 1997)

State	Responsible Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazarous Waste	998355710

7098-1438A
LEGGETTE, BRASHEARS & GRAHAM
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
DRYWELL F	981438A-01	SOIL	06/16/98	06/19/98
DRYWELL D-1	981438A-02	SOIL	06/17/98	06/19/98
DRYWELL D-2	981438A-03	SOIL	06/17/98	06/19/98

American Environmental Network

Monroe Turnpike • Monroe, CT 06468 • 203-261-4458

CHAIN OF CUSTODY RECORD

PAGE

AEN JOB #:

CLIENT: LBG

PROJECT ID: Rowe Industries Inc

AEN PROJECT MGR: Johanna

RUSH [ ] YES [X] NO DUE DATE

BOTTLE SET #	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX	LAB ID	QC Y/N	TESTS: TCL VOA by CLP	TESTS: Leachable TCL VOA by SPLP 1312							GENERAL REMARKS
						BOTTLE TYPE AND PRESERVATION: 2oz	2oz							
						FIELD FILTERED - CIRCLE Y or N: Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	SAMPLE REMARKS
	Drywell F	6/16 1211	SL			1								
	Drywell D-1	6/17 1210	SL				1							
	Drywell D-2	6/17 1221	SL				1							

MATRIX CODES

A - AIR; AQ - AQUEOUS; C - COMPLEX; D - DRUM WASTE; OI - OIL; S - SOIL; SL - SLUDGE; W - WIPE; O - OTHER; FB - FIELD BLANK; TB - TRIP BLANK

BOTTLES PREPARED BY	DATE / TIME	BOTTLES REC'D BY	DATE / TIME
		W. Scott Snyder	6/17/98
SIGNATURE		SIGNATURE	
		W. Scott Snyder	1718
SAMPLES COLLECTED BY	DATE / TIME	RECEIVED IN LAB BY	DATE / TIME
William T. West	6/17/98		[illegible]
SIGNATURE		SIGNATURE	
[illegible]	1248	[illegible]	

REMARKS ON SAMPLE RECEIPT

[ ] BOTTLES INTACT [ ] CUSTODY SEAL
[ ] PRESERVED [ ] SEALS INTACT
[ ] CHILLED [ ] SEE REMARKS

IEA-CT ANALYTICAL SUMMARY

Client ID: DRYWELL D-1, DRYWELL D-2, DRYWELL F
Job Number: 7098-1438A

Date: 7/23/98

Qty	Matrix	Analysis	Description
2	LEACHATE	VOA-LCLP3.2-TCL	TCL Volatile Organic
2	SOIL	VOA-1312-PREP	SPLP Volatiles Leach
1	SOIL	VOA-CLP3.2-TCL	TCL Volatile Organic

WASTE CHARACTERIZATION REPORT

☐ New Waste ☐ Recertification Previous Approval No. ______

Section A - Treatment and Disposal
(please check one)

☐ Michigan Disposal Waste Treatment Plant
(Waste Stabilization and Treatment)
49350 N. I-94 Service Drive
Belleville, MI 48111
Customer Satisfaction: (800) 592-5489

☐ Michigan Recovery Systems, Inc.
(Waste Solvent Recovery, Fuel Blending)
36345 Van Born Road
Romulus, MI 48174
Customer Satisfaction: (800) 521-0998

☒ Wayne Disposal, Inc. – Subtitle C Landfill
(Secure Hazardous Waste Landfill)
49350 N. I-94 Service Drive
Belleville, MI 48111
Customer Satisfaction: (800) 592-5489

Are transportation, site or special services needed?
_____ Yes _____ No
If yes, please explain ______

Section B - Customer Information

SIC # NA

Generator US EPA ID # NYR00005-11
Generator Former Rowe Industries Site
Facility Address 1600 Sag Harbor Turnpike
City Sag Harbor State NY Zip 11963

Mailing Address (if different) 126 Monroe Turnpike
City Trumbull State CT Zip 06611
Generator Contact W. Thomas West
Title Associate
Phone (203) 452-3100 Fax (203) 452-3111

EQ Customer No. ______
Invoicing Company Hanlex of New York
Address 610 Carlson Blvd.
City Farmingdale State NY Zip 11735
Country USA
Invoicing Contact Tony Fiorentine
Phone 1-800-989-8179 Fax (516) 752-7090
Technical Contact Tony Fiorentine
Phone 1-800-989-8179 Fax (516) 752-7890
Purchasing Contact Tony Fiorentine

Is a Purchase Order or Release required for EQ to receive payment on this waste stream? _____ Yes _____ No
If yes, please list P.O. and/or Release No: ______
Is this waste stream Surcharge Exempt? _____ Yes _____ No
If yes, Surcharge Exemption Form must be submitted with this Waste Characterization Report and with every waste shipment.

Section C - Shipping and Handling Information

1) Is this waste Reactive, Shock Sensitive, Pyrophoric, Explosive, Infectious or Radioactive? _____ Yes _____ No
If yes, please explain and/or call 1-800-592-5489 for assistance ______

2) Is this waste an Oxidizer? _____ Yes X No

3) Shipping mode: ☐ Bulk Solid (Yd^3 < 2000 lbs/yd^3) ☒ Bulk Solid (Ton >2000 lbs/yd^3) ☐ Bulk Liquids (gal)
☒ Cubic Yard Boxes ☐ Drums ☐ Other (palletized, 5 gallon pails, etc.) ______ (please explain)

4) Shipping volume per year ______ One time only volume 50 cyds

5) DOT shipping name Hazardous Waste, Solid
Hazard Class 9 UN/NA Number NA 3077

Section D - Physical Characteristics

1) Color (describe): Gray Odor (describe): Septic Free Liquids (%): 5% Solids (%): 95%

2) pH Range: ☐ <2 ☐ 2 - 4.9 ☒ 5 - 9.9 ☐ 10 - 12.4 ☐ >12.5

3) Flash Point: ☐ <90 °F ☐ 90 - 140 °F ☒ >140 °F ☐ >200 °F

4) Physical state at 70 °F: ☒ Solid ☐ Dust ☐ Liquid ☐ Soil ☐ Sludge (non pumpable)

5) Does this waste contain debris? _____ Yes X No
If yes, please describe ______

Section E - Generating Process and Regulatory Information

1) Waste common name: [illegible] - sludge - stabilized & sediment

2) Provide a detailed description of the process generating this waste (describe each step and attach a flow diagram, if available): [illegible] three facility septic-drywells. [illegible] were vacuumed and then stabilized Sludge [illegible] using solusorb-fly ash.

3) Describe the composition of the waste (attach analytical data or MSDS's if available):

Sludge - sediment - solids	to	80	%
Solusorb - fly ash	to	20	%
Solvents - see attached laboratory analysis	to	>[illegible]	%
	to		%
	to		%

Total = 100 %

4) Based upon RCRA waste regulations (40 CFR 261), Michigan Act 451 Rules, and TSCA regulations:

	Yes	No	Code or Comment
A) Is this an EPA RCRA hazardous waste (D, F, K, U or P)?	Y		F00[illegible]
B) Does this waste leach Copper>100 mg/l or Zinc>500 mg/l?		X	
C) Is this an EPA RCRA Characteristic (D-coded) hazardous waste containing underlying hazardous constituents? If yes, please fill out UTS Certification Form provided.		X	
D) Is this a Michigan Act 451 nonhazardous liquid waste?		X	
E) Is this a Michigan Act 451 hazardous waste?		X	
F) Does this waste exceed LDR treatment standards?		X	
G) Does this waste contain free liquids? (use paint filter test)		X	stabilized to remove free liqu[illegible]
H) Does this waste contain metallic fines or powders?		X	
I) Does this waste contain greater than or equal to 500 ppmw VOC?		X	
J) Does this waste contain reactive cyanide above 250 ppm or reactive sulfide above 500 ppm?		X	
K) Is this a dioxin or furan bearing waste as per 40 CFR part 261.31?		X	
L) Does this waste contain HOCs >1000 ppm?		X	
M) Is this a liquid waste containing Nickel >134 mg/l or Thallium >130 mg/l?		X	
N) Does this waste contain asbestos?(friable or nonfriable?)		X	
O) Does this waste contain biodegradable sorbents?		X	
P) Is this a PCB waste regulated by TSCA? If yes, please complete Section G.		X	

Section F - Reclamation/Recycling/Fuel Blending NA

(Complete for Michigan Recovery Systems, Inc. Only)

1) Heat value (BTU/lb):_____ 3) Chlorine(%):_____ 5) PCBs (total ppm):_____

2) Water (%):_____ 4) Solids (%):_____

Section G - PCB NA

(Complete only if you answered "yes" to Section E, Question 4P)

1) Does the waste contain PCBs at >50 ppm or is the PCB contamination from a source with concentration of >50 ppm? _____Yes _____No

2) Does this waste contain free liquids? (use paint filter test) _____Yes _____No

3) Is the non-liquid PCB waste in the form of soil, rags, or other debris? _____Yes _____No

4) Do the PCB capacitors come from a PCB capacitor or equipment manufacturer? _____Yes _____No _____NA

5) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? _____Yes _____No

Section H - TCLP Regulatory Action Levels Certifications

Please indicate which constituent concentrations are below the regulatory level in column 1 or write in the actual level if the concentration is greater than the regulatory level in column 2.

Based on: ☒ Analysis ☐ Generator Knowledge Is analysis attached? __ Yes __ No

Code		(1) Concentration (mg/l)		(2) Actual Concentration
D004	Arsenic	____	<5	____
D005	Barium	____	<100	[illegible]
D006	Cadmium	____	<1	[illegible]
D007	Chromium	____	<5	[illegible]
D008	Lead	____	<5	[illegible]
D009	Mercury	____	<0.2	____
D010	Selenium	____	<1	____
D011	Silver	____	<5	[illegible]
001D	Copper	____	<100	____
003D	Zinc	____	<500	____
D012	Endrin	____	<0.02	____
D013	Lindane	____	<0.4	____
D014	Methoxychlor	____	<10	____
D015	Toxaphene	____	<0.5	____
D016	2,4-D	____	<10	____
D017	2,4,5-TP(silvex)	____	<1	____
D018	Benzene	____	<0.5	____
D019	Carbon-Tetrachloride	____	<0.5	____
D020	Chlordane	____	<0.03	____
D021	Chlorobenzene	____	<100	____
D022	Chloroform	____	<6.0	____

Code		(1) Concentration (mg/l)		(2) Actual Concentration
D023	O-Cresol	____	<200	____
D024	M-Cresol	____	<200	____
D025	P-Cresol	____	<200	____
D026	Cresols	____	<200	____
D027	1,4-Dichlorobenzene	____	<7.5	[illegible]
D028	1,2-Dichloroethane	____	<0.5	____
D029	1,1-Dichloroethylene	____	<0.7	____
D030	2,4-Dinitrotoluene	____	<0.13	____
D031	Heptachlor	____	<0.008	____
D032	Hexachlorobenzene	____	<0.13	____
D033	Hexachlorobutadiene	____	<0.5	____
D034	Hexachloroethane	____	<3.0	____
D035	Methyl Ethyl Ketone	____	<200	____
D036	Nitrobenzene	____	<2	____
D037	Pentachlorophenol	____	<100	____
D038	Pyridine	____	<5	____
D039	Tetrachloroethylene	____	<0.7	____
D040	Trichloroethylene	____	<0.5	____
D041	2,4,5-Trichlorophenol	____	<400	____
D042	2,4,6-Trichlorophenol	____	<2	____
D043	Vinyl Chloride	____	<0.02	____

Section I - Benzene NESHAP 40 CFR 61, subpart FF

1) Does the waste stream come from a facility with one of the SIC codes listed under the NESHAP?
   ___Yes X No If yes, which SIC Number?________
2) Does the waste contain >10% water? X Yes ___No
3) Does your company treat wastes from facilities with Total Annual Benzene (TAB) >10 Mg/year? ___Yes ___No
4) Does the waste contain >1.0 mg/kg total Benzene? ___Yes X No
   If no to Question 4, stop here. If yes, please answer the remaining questions.
5) What is the total Benzene concentration in your waste? percent or ________ ppmw.
   (Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602, and 624.)
6) What is the TAB quantity for your facility? ________ Mg/Year

NESHAP SIC CODES		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4959
2835	2874	9511

Section J - Certification

I authorize EQ's Resource Team to add supplemental information to the waste approval file provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation.

I certify that all information (including attached information) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein.

Signature [illegible] Agent for NABISCO, INC. Title Associate

Printed Name William T. West Date July 23, 1998

Agent for Nabisco, Inc.

Company Lemette, Brashears & Graham, Inc.

WASTE ACCEPTANCE GUIDELINES

In order for EQ's Resource Team to effectively manage the waste acceptance process and expedite your waste approval, we request that the following be submitted, at a minimum: a Waste Characterization Report, a representative sample, and appropriate analytical testing results. Once EQ has reviewed and accepted the submittal, an Approval Number will be assigned to your waste stream. Upon receipt of this Approval Number and your confirmation of EQ's price quote, you may proceed with the transport of your waste stream to an EQ facility. To arrange a mutually convenient time for delivery, contact our Scheduling Coordinators, toll-free at 1-800-TRK-TRAC (875-8722). We request a 48 hour advance notice.

INSTRUCTIONS FOR COMPLETION OF WASTE CHARACTERIZATION REPORT (WCR)

(To expedite your waste approval, please complete this form in its entirety)

Labeling your Documents and Sample: The Waste Acceptance Labels that accompany this WCR should be applied to your submittal as follows: (1) After completion of the largest label, apply it to the face of the sample container (if submitting a sample); (2) Use the EQ Quality Seal to ensure your sample is tamper resistant (label must cover a portion of the jar and lid); (3) Place one of the small T# labels on the upper right-hand corner of the WCR; and (4) place the remaining T# label on the corresponding line item on your completed Chain Of Custody Record.

Section A: Select the EQ facility which best meets your environmental management needs. The facility selected will be dependent upon the type of waste generated and your treatment and/or disposal preference(s).

Section B: This Section provides pertinent customer information. Please provide the generator's Standard Industrial Classification (SIC) Code which describes the specific industry generating the waste. Include the generator's EPA ID number. In the state of Michigan, a temporary EPA ID number may be obtained from the Michigan Department of Environmental Quality (MDEQ) by calling at (517) 373-2730. Any other generating state must contact their regional EPA office. If you have not obtained an EQ Account Number previously, please contact a member of the EQ Resource Team for a Credit Application. <u>*Surcharge Exemption:*</u> Please determine if your waste is surcharge exempt. Waste will be surcharge exempt if one of the following criteria is met: Ash from incineration of hazardous and nonhazardous waste; hazardous waste exempted by MDEQ rule making action; hazardous waste removed from a contaminated site listed pursuant to Section 6 of Act 307 or if hazardous waste is removed as part of a site clean-up activity at the expense of the state or federal government; solidified hazardous waste produced by a solidification facility in Michigan and licensed under Act 64; hazardous waste generated by a one-time closure or site clean-up activity in Michigan authorized by the director of the MDEQ; solids from an aggressive biological treatment facility; and/or emission control dust or sludge from the primary production of steel in electrical furnaces.

Section C: Shipping and handling information can be found in 49 CFR. The shipping mode and volume will assist in determining the appropriate environmental management facility and processing fees for your waste stream.

Section D: This Section may be based on generator knowledge.

Section E: The information provided in this Section should describe the generating process. It is advisable to include a diagram of the physical process generating the waste. Detailed descriptions of waste codes may be found in the 40 CFR Part 261.

Section F: Information in this Section will be collected from the sample submitted to Michigan Recovery Systems, Inc.

Section G: If your waste is regulated under TSCA, refer to 40 CFR Part 761.60 for assistance in completing this Section.

Section H: This Section may be based on generator knowledge or independent laboratory analysis. The extent of analysis required will be dependent upon the type of waste generated and regulatory permitting requirements for TSDF's.

Section I: Complete this Section ONLY if the SIC Code, which you have indicated in Section B above, appears in the box. Refer to 40 CFR Part 61, Subpart FF for more information.

A generator's signature must appear on the EQ Waste Characterization Report. If the generator has authorized a third-party to process this waste stream for environmental management, a written notice (on generator letterhead), must accompany your submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided, the addition or removal of waste codes must be approved by the generator.

For Assistance Contact Your EQ Resource Team at 1-800-KWALITY (592-5489)

UNIVERSAL CERTIFICATION (1197)

LAND DISPOSAL RESTRICTION FORM

SUBPART CC WASTE DETERMINATION CERTIFICATION AND SURCHARGE EXEMPTION NOTIFICATION

Michigan Disposal Waste Treatment Plant 49350 N. I-94 Service Dr. Belleville, MI 48111 Ph: 800-592-5489 Fx:800-592-5329
Wayne Disposal, Inc. 49350 N. I-94 Service Dr. Belleville, MI 48111 Ph: 800-592-5489 Fx:800-592-5329
Michigan Recovery Systems, Inc. 36345 Van Born Rd. Romulus, MI 48174 Ph: 800-521-0998 Fx:313-326-5670

Please Check One: ☐ MDWTP ☒ WDI ☐ MRSI

Generator Name Former Rowe Industries Site Manifest Doc. No./Approval #'s: ______

Generator Address 1663 Sag Harbor Turnpike, Sag Harbor, NY 11963

Generator USEPA ID No.State Manifest No. [illegible]

INSTRUCTIONS

- In Column 1 identify all USEPA hazardous waste codes that apply to this waste approval/shipment in the spaces provided below.
- In Column 2, identify the appropriate treatability group for each waste code: Non-Wastewater (NWW) or Wastewater (WW).
- In Column 3, in accordance with Subpart CC identify whether or not your waste contains >500 ppmw VOC (YES or NO), as identified as CCVOC in Attachment 1.
- In Column 4, enter the appropriate Subcategory, (See 268.40), if applicable, and also enter "Debris" if the waste is debris that will be treated using one of the alternative treatment technologies provided by 268.45.
- In Column 5, reference the appropriate paragraph(s) from Page 2 and 3 of this form. If your waste is surcharge exempt, please fill out paragraph N (On page 3).
- To expedite your approval, specify the concentration level of each constituent identified in your waste stream on Attachment 1. When shipping your waste, transfer the appropriate Reference Number(s) from Table 1 to Column 6 below, concentration data does not need to be entered in Attachment 1. [If the waste is a California List Waste, complete the boxes below appropriately and identify (in Column 6) the Reference Number(s) of the appropriate California List constituent(s) found in Attachment 1, Table 3.]

MAIN LINE ITEM #	1. HAZARDOUS WASTE CODE(S)	2. NWW or WW	3. SUBPART CC YES/NO	4. SUBCATEGORY	5. HOW MUST THE WASTE BE MANAGED?	6. REFERENCE NUMBER(S)
11.A	F001	NWW	No		E	182, 190, 188, 74, 75, 7[illegible]
11.B						
11.C						
11.D						

I certify that this waste contains < 1.3% MVOC constituents for hazardous and non-hazardous waste as specified in the MVOC list provided in this form. I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature [signature], Agent for NAbisco INC Title Associate

Printed Name William T. West, Agent for Nabisco, Inc. Date July 24, 1998

HOW MUST THE WASTE BE MANAGED?

A. THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD

This waste must be treated to the applicable performance based treatment standard set forth in 40 CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

B. THIS HAZARDOUS DEBRIS IS SUBJECT TO THE ALTERNATIVE TREATMENT STANDARDS OF 40 CFR 268.45.

C. THIS RESTRICTED WASTE HAS BEEN TREATED TO THE PERFORMANCE STANDARDS.

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and base this certification upon my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

D. THIS RESTRICTED WASTE, FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY, HAS BEEN TREATED BY THE SPECIFIED TECHNOLOGY.

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

E. THIS RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT TREATMENT.

I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

F. THIS RESTRICTED DEBRIS HAS BEEN TREATED IN ACCORDANCE WITH 40 CFR 268.45.

I certify under penalty of law that the debris has been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for making false certification, including the possibility of a fine and imprisonment.

G. THIS LAB PACK DOES NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IX TO PART 268.

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at Appendix IV to part 268. I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.

H. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC.

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

I. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND BEEN TREATED FOR UNDERLYING HAZARDOUS CONSTITUENTS.

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting false certification, including the possibilty of fine and imprisonment.

J. THIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL

(Please include the date the waste is subject to the prohibitions in Column 5)

This waste is subject to an exemption from a prohibition on the type of land disposal method utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR Part 268.5, an exemption under 40 CFR 268.6, or a nationwide capacity variance under 40 CFR 269 Subpart C)

K. THIS RESTRICTED WASTE WITH TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN THE WASTE PURSUANT TO 268.43, IF COMPLIANCE WITH THE TREATMENT STANDARDS IN SUBPART D OF THIS PART IS BASED IN PART OR IN WHOLE ON THE ANALYTICAL DETECTION LIMIT ALTERNATIVE IN 268.43(c).

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR part 264, Subpart O, or 40 CFR part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with the applicable technical requirements, and I have been unable to detect that nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

L. THIS NON-HAZARDOUS WASTE STREAM REQUIRES SOLIDIFICATION PRIOR TO LANDFILLING.

M. THIS NON-HAZARDOUS WASTE STREAM DOES NOT REQUIRE TREATMENT PRIOR TO LANDFILL.

N. SURCHARGE EXEMPTION. This is a certification pursuant to section 11108(3) of Act 451 of 1994 (the Natural Resources and Environmental Protection Act) that the hazardous waste identified herein is exempt from the surcharge provided in the Act.

WASTE DESCRIPTION:_____

LINE ITEM

QUANTITY AND UNITS

This shipment of hazardous waste is exempt from the surcharge fees because the waste is:

☐__________ (a) Ash that results from the incineration of hazardous waste of incineration of solid waste as defined in part 115.

☐__________ (b) Hazardous waste exempted by rule because of its character or the treatment it has received.

☐__________ (c) Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.

☐__________ (d) Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.

☐__________ (e) Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in his state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1988 is not exempt from the fee.

☐__________ (f) Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of Subtitle C of the Solid Waste Disposal Act, 42 U.S.C. 6925.

☐__________ (g) Emission control dust or sludge from the primary production of steel in electric furnaces.

1	Acenaphthene	83-32-9	3.4	0.059			
2	Acenaphthylene	208-96-8	3.4	0.059			
3	Acetone	67-64-1	160	0.28	X	X	
4	Acetonitrile	75-05-8	38	5.6	X		
5	Acetophenone	98-86-2	9.7	0.01			
6	2-Acetylaminofluorene	53-96-3	140	0.059			
7	Acrolein	107-02-8	N/A	0.29	X		
8	Acrylonitrile	107-13-1	84	0.24	X		
9	Acrylamide	79-06-1	23	19			
10	Aldrin	309-00-2	0.066	0.021			
11	4-Aminobiphenyl	92-67-1	N/A	0.13			
12	Aniline	62-53-3	14	0.31			
13	Anthracene	120-12-7	3.4	0.059			
14	Aramite	140-57-8	N/A	0.36			
15	alpha-BHC	319-84-6	0.066	0.00014			
16	beta-BHC	319-85-7	0.066	0.00014			
17	delta-BHC	319-86-8	0.066	0.023			
18	gamma-BHC (Lindane)	58-89-9	0.066	0.0017			
19	Benzo(a)anthracene	56-55-3	3.4	0.059			
20	Benzal chloride	98-87-3	6	0.035			
21	Benzene+	71-43-2	10	0.14	X	X	
22	Benzo(a)pyrene	50-32-8	3.4	0.061			
23	Benzo(b)fluoranthene	205-99-2	6.8	0.11			
24	Benzo(k)fluoranthene	207-08-9	6.8	0.11			
25	Benzo(g,h,i)perylene	191-24-2	1.8	0.0055			
26	bis(2-Chloroethoxy)methane	111-91-1	7.2	0.036			
27	bis(2-Chloroethyl)ether	111-44-4	6	0.033			
28	bis(2-Chloroisopropyl) ether	39638-32-9	7.2	0.055	X		
29	bis(2-Ethylhexyl) phthalate	117-81-7	28	0.28			
30	Bromodichloromethane	75-27-4	15	0.35	X	X	
31	Bromomethane (Methyl bromide)	74-83-9	15	0.11	X		
32	4-Bromophenyl phenyl ether	101-55-3	15	0.055			
33	n-Butyl alcohol+	71-36-3	2.6	5.6	X	X	
34	Butyl benzyl phthalate	85-68-7	28	0.017			
35	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	2.5	0.066			
36	Carbon disulfide+	75-15-0	4.8*	3.8		X	
37	Carbon tetrachloride+	56-23-5	6	0.057	X	X	
38	Chlordane (alpha and gamma isomers)	57-74-9	0.26	0.0033			
39	p-Chloroaniline	106-47-8	16	0.46			
40	Chlorobenzene+	108-90-7	6	0.057	X	X	
41	Chlorobenzilate	510-15-6	N/A	0.1			
42	2-Chloro-1, 3-butadiene (Chloroprene)	126-99-8	0.28	0.057	X		
43	Chlorodibromomethane	124-48-1	15	0.057	X	X	
44	Chloroethane	75-00-3	6	0.27	X	X	
45	Chloroform	67-66-3	6	0.046	X	X	
46	p-Chloro-m-cresol	59-50-7	14	0.018			
47	2-Chloroethyl vinyl ether	110-75-8	N/A	0.062	X	X	
48	Chloromethane (Methyl chloride)	74-87-3	30	0.19	X		
49	2-Chloronaphthalene	91-58-7	5.6	0.055			
50	2-Chlorophenol	95-57-8	5.7	0.044			
51	3-Chloropropylene (Allyl Chloride)	107-05-1	30	0.036			
52	Chrysene	218-01-9	3.4	0.059			
53	o-Cresol (2-Methyl phenol)+	95-48-7	5.6	0.11		X	
54	m-Cresol (3-Methyl phenol)+	108-39-4	5.6	0.77		X	

No.	Parameter	CAS No.	[illegible] ug/kg	[illegible] ug/kg	[illegible]	[illegible]	CONCENTRATION (Please specify ug/kg or ug/l)
55	[illegible]	198-[illegible]	5.6	0.[illegible]		X	
56	[illegible]	108-[illegible]	1.75*	0.[illegible]		X	
57	4,4'-DDD	72-[illegible]	0.087	0.022			
58	2,4'-DDD	72-54-8	0.087	0.022			
59	4,4'-DDE	3424-[illegible]	0.087	0.031			
60	2,4'-DDE	72-55-9	0.087	0.031			
61	4,4'-DDT	789-[illegible]	0.087	0.0039			
62	2,4'-DDT	50-29-3	0.087	0.0039			
63	Dibenz[a,h]anthracene	53-70-3	8.2	0.055			
64	Dibenz[a,e]pyrene	192-65-4	N/A	0.061			
65	1,2-Dibromo-3-chloropropane	96-12-8	15	0.11	X		
66	1,2-Dibromoethane (Ethylene dibromide)	106-93-4	15	0.028	X		
67	Dibromomethane	74-95-3	15	0.11	X		
68	m-Dichlorobenzene (1,3-Dichlorobenzene)	541-73-1	6	0.036	X	X	
69	o-Dichlorobenzene (1,2-Dichlorobenzene)	95-50-1	6	0.088	X	X	
70	p-Dichlorobenzene (1,4-Dichlorobenzene)	106-46-7	6	0.09	X	X	
71	Dichlorodifluoromethane	75-71-8	7.2	0.23	X		
72	1,1-Dichloroethane	75-34-3	6	0.059	X	X	
73	1,2-Dichloroethane	107-06-2	6	0.21	X	X	
74	1,1-Dichloroethylene	75-35-4	6	0.025	X		
75	trans-1,2-Dichloroethylene	156-60-5	30	0.054	X	X	
76	2,4-Dichlorophenol	120-83-2	14	0.044			
77	2,5-Dichlorophenol	87-65-0	14	0.044			
78	2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	10	0.72			
79	1,2-Dichloropropane	78-87-5	18	0.85	X	X	
80	cis-1,3-Dichloropropylene	10061-01-5	18	0.036	X	X	
81	trans-1,3-Dichloropropylene	10061-02-6	18	0.036	X	X	
82	Dieldrin	60-57-1	0.13	0.017			
83	Diethyl phthalate	84-66-2	28	0.2			
84	p-Dimethylaminoazobenzene	60-11-7	N/A	0.13			
85	2,4-Dimethyl phenol	105-67-9	14	0.036			
86	Dimethyl phthalate	131-11-3	28	0.047			
87	Di-n-butyl phthalate	84-74-2	28	0.057			
88	1,4-Dinitrobenzene	100-25-4	2.3	0.32			
89	4,6-Dinitro-o-cresol	534-52-1	160	0.28			
90	2,4-Dinitrophenol	51-28-5	160	0.12			
91	2,4-Dinitrotoluene	121-14-2	140	0.32			
92	2,6-Dinitrotoluene	606-20-2	28	0.55			
93	Di-n-octyl phthalate	117-84-0	28	0.017			
94	Di-n-propylnitrosamine	621-64-7	14	0.4			
95	1,4-Dioxane	123-91-1	170	12	X		
96	Diphenylamine	122-39-4	13	0.92			
97	Diphenylnitrosamine	86-30-6	13	0.92			
98	1,2-Diphenylhydrazine	122-66-7	N/A	0.087			
99	Disulfoton	298-04-4	6.2	0.017			
100	Endosulfan I	959-98-8	0.066	0.023			
101	Endosulfan II	33213-65-9	0.13	0.029			
102	Endosulfan sulfate	1031-07-8	0.13	0.029			
103	Endrin	72-20-8	0.13	0.0023			
104	Endrin aldehyde	7421-93-4	0.13	0.025			

No.				mg/kg	mg/l	VOC	VOC	X (Please specify mg/kg or mg/l)
105	[illegible]	[illegible]	CMBST	CMBST			X	
106	Ethyl acetate+	141-78-6	33	2.34	X	X		
107	Ethyl benzene+	100-41-4	10	0.05*	X	X		
108	Ethyl ether+	60-29-7	160	0.12	X	X		
109	Ethyl methacrylate	97-63-2	160	0.14				
110	Ethylene oxide	75-21-8	N/A	0.12	X			
111	Famphur	52-85-7	15	0.017				
112	Fluoranthene	206-44-0	3.4	0.068				
113	Fluorene	86-73-7	3.4	0.069				
114	Heptachlor	76-44-8	0.066	0.0012				
115	Heptachlor epoxide	1024-57-3	0.066	0.016				
116	Hexachlorobenzene	118-74-1	10	0.055				
117	Hexachlorobutadiene	87-68-3	5.6	0.055	X			
118	Hexachlorocyclopentadiene	77-47-4	2.4	0.057				
119	HxCDDs (All Hexachlorodibenzo-p-dioxins)	N/A	0.001	0.000063				
120	HxCDFs (All Hexachlorodibenzofurans)	N/A	0.001	0.000063				
121	Hexachloroethane	67-72-1	30	0.055				
122	Hexachloropropylene	1888-71-7	30	0.036				
123	Indeno (1,2,3-c,d) pyrene	193-39-5	3.4	0.0055				
124	Iodomethane	74-88-4	65	0.19				
125	Isobutyl alcohol (Isobutanol)+	78-83-1	170	5.6	X	X		
126	Isodrin	465-73-6	0.066	0.021				
127	Isosafrole	120-58-1	2.6	0.081				
128	Kepone	143-50-0	0.13	0.0011				
129	Methacrylonitrile	126-98-7	84	0.24				
130	Methanol+	67-56-1	0.75*	5.6	X	X		
131	Methapyrilene	91-80-5	1.5	0.081				
132	Methoxychlor	72-43-5	0.18	0.25				
133	3-Methylcholanthrene	56-49-5	15	0.0055				
134	4,4-Methylene bis(2-chloroaniline)	101-14-4	30	0.5				
135	Methylene chloride+	75-09-2	30	0.089	X	X		
136	Methyl ethyl ketone+	78-93-3	36	0.28	X	X		
137	Methyl isobutyl ketone+	108-10-1	33	0.14	X	X		
138	Methyl methacrylate	80-62-6	160	0.14				
139	Methyl methansulfonate	66-27-3	N/A	0.018				
140	Methyl parathion	298-00-0	4.6	0.014				
141	Naphthalene	91-20-3	5.6	0.059	X			
142	2-Naphthylamine	91-59-8	N/A	0.52				
143	o-Nitroaniline	88-74-4	14	0.27				
144	p-Nitroaniline	100-01-6	28	0.028				
145	Nitrobenzene+	98-95-3	14	0.068			X	
146	5-Nitro-o-toluidine	99-55-8	28	0.32				
147	o-Nitrophenol	88-75-5	13	0.028				
148	p-Nitrophenol	100-02-7	29	0.12				
149	2-Nitropropane (F005)+	79-46-9	CMBST	CMBST			X	
150	N-Nitrosodiethylamine	55-18-5	28	0.4				
151	N-Nitrosodimethylamine	62-75-9	2.3	0.4				
152	N-Nitroso-di-n-butylamine	924-16-3	17	0.4	X			
153	N-Nitrosomethylethylamine	10595-95-6	2.3	0.4				
154	N-Nitrosomorpholine	59-89-2	2.3	0.4				
155	N-Nitrosopiperidine	100-75-4	35	0.013				
156	N-Nitrosopyrrolidine	930-55-2	35	0.013				
157	Parathion	56-38-2	4.6	0.014				

Ref No.	Hazardous Constituents	CAS No.	mg/kg	mg/l	VOC	VOC	N (Please specify mg/kg or mg/l)
158	Total PCBs	1336-36-3	10	1			
159	Pentachlorobenzene	608-93-5	10	0.055			
160	PeCDDs (All Pentachlorodibenzo-p-dioxins)	N/A	0.001	0.000063			
161	PeCDFs (All Pentachlorodibenzofurans)	N/A	0.001	0.000035			
162	Pentachloroethane	76-01-7	6	0.055			
163	Pentachloronitrobenzene	82-68-8	4.8	0.055			
164	Pentachlorophenol	87-86-5	7.4	0.089			
165	Phenacetin	62-44-2	16	0.081			
166	Phenanthrene	85-01-8	5.6	0.059			
167	Phenol	108-95-2	6.2	0.039			
168	Phorate	298-02-2	4.6	0.021			
169	Phthalic acid	100-21-0	28	0.055			
170	Phthalic anhydride	85-44-9	28	0.055			
171	Pronamide	23950-58-5	1.5	0.093			
172	Propanenitrile (Ethyl cyanide)	107-12-0	360	0.24	X		
173	Pyrene	129-00-0	8.2	0.067			
174	Pyridine+	110-86-1	16	0.014	X	X	
175	Safrole	94-59-7	22	0.081			
176	Silvex (2,4,5-TP)	93-72-1	7.9	0.72			
177	1,2,4,5-Tetrachlorobenzene	95-94-3	14	0.055			
178	TCDDs (All Tetrachlorodibenzo-p-dioxins)	N/A	0.001	0.000063			
179	TCDFs (All Tetrachlorodibenzofurans)	N/A	0.001	0.000063			
180	1,1,1,2-Tetrachloroethane	630-20-6	6	0.057	X		
181	1,1,2,2-Tetrachloroethane	79-34-5	6	0.057	X	X	
182	Tetrachloroethylene+	127-18-4	6	0.056	X	X	
183	2,3,4,6-Tetrachlorophenol	58-90-2	7.4	0.03			
184	Toluene+	108-88-3	10	0.08	X	X	
185	Toxaphene	8001-35-2	2.6	0.0095			
186	Tribromomethane (Bromoform)	75-25-2	15	0.63	X	X	
187	1,2,4-Trichlorobenzene	120-82-1	19	0.055	X		
188	1,1,1-Trichloroethane+	71-55-6	6	0.054	X	X	
189	1,1,2-Trichloroethane+	79-00-5	6	0.054	X	X	
190	Trichloroethylene+	79-01-6	6	0.054	X	X	
191	Trichloromonofluoromethane+	75-69-4	30	0.02	X	X	
192	2,4,5-Trichlorophenol	95-95-4	7.4	0.18			
193	2,4,6-Trichlorophenol	88-06-2	7.4	0.035			
194	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	93-76-5	7.9	0.72			
195	1,2,3-Trichloropropane	96-18-4	30	0.85	X		
196	1,1,2-Trichloro-1,2,2-trifluoroethane+	76-13-1	30	0.057		X	
197	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.1	0.11			
198	Vinyl chloride	75-01-4	6	0.27	X		
199	Xylenes+	1330-20-7	30	0.32	X	X	
200	Antimony	7440-36-0	2.1*	1.9			
201	Arsenic	7440-38-2	5.0*	1.4			
202	Barium	7440-39-3	7.6*	1.2			
203	Beryllium	7440-41-7	0.014*	0.82			
204	Cadmium	7440-43-9	0.19*	0.69			
205	Chromium (Total)	7440-47-3	0.86*	2.77			
206	Cyanides (Total)	57-12-5	590	1.2			
207	Cyanides (Amenable)	57-12-5	30	0.86			
208	Fluoride	16984-48-8	N/A	35			

Ref No.	Regulated Hazardous Constituents	CAS No.	mg/kg	mg/l			CONCENTRATION (Please specify mg/kg or mg/l)
209	Lead	7439-92-1	0.75*	0.69			
210	Mercury - retort residues	7439-97-6	0.20*	N/A			
211	Mercury - all others	7439-97-6	0.025*	0.15			
212	Nickel	7440-02-0	5.0*	3.98			
213	Selenium	7782-49-2	0.16*	0.82			
214	Silver	7440-22-4	0.30*	0.43			
215	Sulfide	18496-25-8	N/A	14			
216	Thallium	7440-28-0	0.078*	1.4			
217	Vanadium	7440-62-2	0.23*,**	4.3			
218	Zinc	7440-66-6	5.3*,**	2.61			
219	A2213	30558-43-1	1.4	0.042			
220	Aldicarb sulfone	1646-88-4	0.28	0.056			
221	Barban	101-27-9	1.4	0.056			
222	Bendiocarb	22781-23-3	1.4	0.056			
223	Bendiocarb phenol	22961-82-6	1.4	0.056			
224	Benomyl	17804-35-2	1.4	0.056			
225	Butylate	2008-41-5	1.4	0.042			
226	Carbaryl	63-25-2	0.14	0.006			
227	Carbendazim	10605-21-7	1.4	0.056			
228	Carbofuran	1563-66-2	0.14	0.006			
229	Carbofuran phenol	1563-38-8	1.4	0.056			
230	Carbosulfan	55285-14-8	1.4	0.028			
231	m-Cumenyl methylcarbamate	64-00-6	1.4	0.056			
232	Cycloate	1134-23-2	1.4	0.042			
233	Diethylene glycol, dicarbamate	5952-26-1	1.4	0.056			
234	Dimetilan	644-64-4	1.4	0.056			
235	Dithiocarbamates (total)	137-30-4	28	0.028			
236	EPTC	759-94-4	1.4	0.042			
237	Formetanate hydrochloride	23422-53-9	1.4	0.056			
238	Formparanate	17702-57-7	1.4	0.056			
239	3-Iodo-2-propynyl n-butylcarbamate	55406-53-6	1.4	0.056			
240	Isolan	119-38-0	1.4	0.056			
241	Methiocarb	2032-65-7	1.4	0.056			
242	Methomyl	16752-77-5	0.14	0.028			
243	Metolcarb	1129-41-5	1.4	0.056			
244	Mexacarbate	315-18-4	1.4	0.056			
245	Molinate	2212-67-1	1.4	0.042			
246	Oxamyl	23135-22-0	0.28	0.056			
247	Pebulate	1114-71-2	1.4	0.042			
248	o-Phenylenediamine	95-54-5	5.6	0.056			
249	Physostigmine	57-47-6	1.4	0.056			
250	Physostigmine salicylate	57-64-7	1.4	0.056			
251	Promecarb	2631-37-0	1.4	0.056			
252	Propham	122-42-9	1.4	0.056			
253	Propoxur	114-26-1	1.4	0.056			
254	Prosulfocarb	52888-80-9	1.4	0.042			
255	Thiodicarb	59669-26-0	1.4	0.019			
256	Thiophanate-methyl	23564-05-8	1.4	0.056			
257	Tirpate	26419-73-8	0.28	0.056			
258	Triallate	2303-17-5	1.4	0.042			
259	Triethylamine	101-44-8	1.5	0.081			
260	Vernolate	1929-77-7	1.4	0.042			

No.			mg/kg	mg/l	VOC	VOC	CONCENTRATION (Please specify mg/kg or mg/l)
	TABLE 2 - SUBSTANCE DESIGNATION						
261	Bromobenzene	108-86-1			X		
262	Butyl alcohol	107-05-1			X		
263	Benzyl chloride	100-44-7			X		
264	Bromoacetone	598-31-2			X		
265	Bromochloromethane	74-97-5			X		
266	tert-Butyl alcohol	75-65-0			X		
267	n-Butyl benzene	104-51-8			X		
268	sec-Butyl benzene	135-98-8			X		
269	tert-Butyl benzene	98-06-6			X		
270	2-Chloroacrylonitrile	920-37-6			X		
271	2-Chloroethanol	107-07-3			X		
272	Chloromethyl methyl ether	107-30-2			X		
273	2-Chlorotoluene	95-49-8			X		
274	4-Chlorotoluene	106-43-4			X		
275	Crotonaldehyde	123-73-9			X		
276	cis-1,2-Dichloroethylene	156-59-2			X		
277	1,3-Dichloropropane	142-28-9			X		
278	2,2-Dichloropropane	594-20-7			X		
279	1,3-Dichloro-2-propanol	96-23-1			X		
280	1,1-Dichloropropene	563-58-6			X		
281	Epichlorhydrin	106-89-8			X		
282	Ethanol	64-17-5			X		
283	Ethylene glycol	107-21-1			X		
284	Hexafluoro-2-methyl-2-propanol	515-14-6			X		
285	Hexafluoro-2-propanol	920-66-1			X		
286	Isopropyl alcohol (2-propanol)	67-63-0			X		
287	p-Isopropyl toluene	99-87-6			X		
288	Isopropylbenzene	98-82-8			X		
289	Paraldehyde	123-63-7			X		
290	2-Pentanone	107-87-9			X		
291	2-Picoline	109-06-8			X		
292	Propionitrile	107-12-0			X		
293	1-Propanol	71-23-8			X		
294	n-Propylbenzene	103-65-1			X		
295	Styrene	100-42-5			X		
296	o-Toluidine	95-53-4			X		
297	1,2,3-Trichlorobenzene	87-61-6			X		
298	1,2,4-Trimethyl benzene	95-63-6			X		
299	1,3,5-Trimethyl benzene	108-67-8			X		
	TABLE 3 - CALIFORNIA LIST WASTES						
C1	Free Cyanides (Liquids)>1000 mg/l						
C2	Nickel>=134 mg/l						
C3	Thallium>=130 mg/l						
C4	PCB's (Liquid)>=50 ppm						
C5	Halogenated Organic Carbon (Liquid)>1000 mg/kg						

Ref. No.	TABLE 3 - Hazardous Constituents	CAS NO.	NWW mg/kg	WW mg/l	CC VOC 1	M VOC 2	CONCENTRATION (Please specify mg/kg or mg/l)
	TABLE 4 - POTENTIALLY ODOROUS						
300	Methylamine	74-89-5					
301	Benzylamine	100-46-9					
302	Dimethylamine	124-40-3					
303	Tetramethylammonium chloride	75-57-0					
304	Trimethylamine	75-50-3					
305	Diisobutyl ketone	108-83-8					
306	Butyric acid	107-92-6					
307	Methanethiol	74-93-1					
308	2-Butanethiol	513-53-1					
309	Dimethyl sulfide	75-18-3					
310	Thioglycolic acid	68-11-1					
311	Thiram	137-26-3					
312	Thionyl chloride	7719-09-7					
313	Diethyl sulfide	352-93-2					
314	Ethanethiol	75-08-1					

* "Concentration in mg/l TCLP"

** Not Underlying Hazardous Constituents. (See 60 FR, Jan. 3, 1995)

\- F001 - F005 Solvents

1 CCVOC refers to Subpart CC which requires the generator to identify to their Treatment, Storage, or Disposal Facilities the volatile organic constituents of the waste.

2 Michigan Disposal Waste Treatment Plant's air permit requires EQ to track certain volatile organic compounds it receives.

Waste Management, Inc.

CWM Chemical Services, L.L.C. Phone 716/754-8231
1550 Balmer Rd
P.O. Box 200
Model City, N.Y. 14107

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JUL 27 1998
Leggette, Brashears, & Graham, Inc.

Federal EPA ID: NYD049836679

ROWE INDUSTRIES
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000054411
126 MONROE TURNPIKE
TRUMBULL CT 06611

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/17/98 as described on Hazardous Waste Manifest number NYB0312831 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148782601
CWM Unit #: 1*0
Disposal Date: 07/17/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
RECORDS DEPT QC COORDINATOR
Certificate # 118899
07/22/98

For questions please call our Customer Service Dept. at (800) 843-3604

Waste Management, Inc.

CWM Chemical Services L.L.C. Phone [illegible]
[illegible]
[illegible]
[illegible]

Federal EPA ID: NYD049836679

ROWE INDUSTRIES
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NYR000054411
126 MONROE TURNPIKE
TRUMBULL CT 06611

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/17/98 as described on Hazardous Waste Manifest number NYG0312894 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148782401
CWM Unit #: 1*0
Disposal Date: 07/17/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele A.P. Foulke

MICHELE FOULKE
RECORDS DEPT QC COORDINATOR
Certificate # 118898
07/22/98

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Waste Management, Inc.

CWM Chemical Services, L.L.C. Phone [illegible]
1550 Balmer Rd
P.O. Box 200
Model City, NY [illegible]

Federal EPA ID: NYD049836679

ROWE INDUSTRIES
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126 MONROE TURNPIKE
TRUMBULL CT 06611

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/17/98 as described on Hazardous Waste Manifest number NYG0312903 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148787401
CWM Unit #: 1*0
Disposal Date: 07/17/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
RECORDS DEPT QC COORDINATOR
Certificate # 118947
07/22/98

For questions please call our Customer Service Dept. at (800) 843-3604

Waste Management, Inc.

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Model City, N.Y. 14107

Federal EPA ID: NYD049836679

ROWE INDUSTRIES
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126 MONROE TURNPIKE
TRUMBULL CT 06611

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/16/98 as described on Hazardous Waste Manifest number NYG0312849 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148769601
CWM Unit #: 1*0
Disposal Date: 07/16/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
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Federal EPA ID: NYD049836679

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CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/16/98 as described on Hazardous Waste Manifest number NYG0312858 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148769701
CWM Unit #: 1*0
Disposal Date: 07/16/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele A. P. Foulke

MICHELE FOULKE
RECORDS DEPT QC COORDINATOR
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07/16/98

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Federal EPA ID: NYD049836679

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126 MONROE TURNPIKE
TRUMBULL CT 06611

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from ROWE INDUSTRIES on 07/16/98 as described on Hazardous Waste Manifest number NYG0312867 Sequence number 01.

Profile Number: CG6067
CWM Tracking ID: 8148770301
CWM Unit #: 1*0
Disposal Date: 07/16/98

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Michele a.P. Foulke

MICHELE FOULKE
RECORDS DEPT QC COORDINATOR
Certificate # 118466
07/16/98

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