

# LEGGETTE, BRASHEARS & GRAHAM, INC.

## PROFESSIONAL GROUND-WATER AND ENVIRONMENTAL ENGINEERING SERVICES

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January 18, 2001

Ms. Pamela Tames  
Chief, New York/Caribbean Superfund Branch II  
Emergency and Remedial Response Division  
U.S. EPA, Region II  
290 Broadway  
New York, NY 10007-1688

RE: FDSA Closure Sampling Results  
Rowe Industries Site  
Sag Harbor, New York

Dear Ms. Tames:

The purpose of this letter is to provide a summary of the results from the soil sampling program completed for closure of the former drum storage area (FDSA). Also included is a plan to resume operation of the soil-vapor extraction (SVE) system to address the few areas which still exceed clean-up criteria.

Between October 10 through October 20, 2000, Leggette, Brashears and Graham, Inc. (LBG) completed soil sampling from 28 soil borings (indicated on plate 1) and collected 46 soil samples (38 for closure sampling and 8 for QA/QC) for closure of the FDSA. Soil sampling was completed according to the EPA approved document entitled, "Work Plan for Conducting Closure Sampling of the Former Drum Storage Area" dated June 27, 2000.

### Summary and Results of FDSA Closure Sampling Plan

As indicated in the Work Plan, soil borings were advanced to the depth corresponding to the water-table using a Geoprobe drill rig. Recovered soil cores, encased in the macro-core acetate liner, were cut open and immediately screened using a photo-ionization detector (PID) equipped with an 11.8 eV bulb. Soil samples were collected from intervals exhibiting positive PID readings or from preselected default sample elevations (see Table 1). Samples were collected using EnCore™ sample collection equipment to preserve volatile organic compounds

550828



WHITE PLAINS, NEW YORK	RAMSEY, NEW JERSEY	MADISON, WISCONSIN	ST. PAUL, MINNESOTA
FREEMONT, ILLINOIS	AUSTIN, TEXAS	HOUSTON, TEXAS	TAMPA, FLORIDA
NORTH KANSAS CITY, MISSOURI	ST. LOUIS, MISSOURI	SIoux FALLS, SOUTH DAKOTA	WEST CHESTER, PENNSYLVANIA
			CHELMSFORD, MASSACHUSETTS

(VOCs) in the sample. Soil samples collected were shipped overnight or hand delivered to the contract laboratory, Severn Trent Laboratories in Shelton, Connecticut for analysis of VOCs by EPA Method 5035 utilizing the OLM 3.2 extraction methodology. All sample shipments received in the laboratory met quality control requirements for temperature ( $4^{\circ}\text{C} \pm 2^{\circ}$ ) and all samples were extracted within the required 48-hour time period. Laboratory analytical reports were completed using Level 3 Contract Laboratory Program (CLP) protocol.

Analytical results for thirty one (31) of the 38 closure samples collected were below the numerical cleanup criteria established by the Consent Order and the New York State Department of Environmental Conservation (NYSDEC). NYSDEC cleanup criteria presented in the Technical and Administrative Guidance Memorandum (TAGM) number HWR-94-4046 were utilized for comparison of parameters not indicated in the Consent Order. Analytical results and cleanup criteria are presented in table 1. Laboratory reports are attached in Appendix I.

Samples collected from soil borings C-11, C-15, C-17, C-21, C-22 and C-25 exceeded cleanup criteria. The samples exceeding cleanup criteria from borings C-15, C-17 and C-21, were collected from discrete bands of clay observed in the borings. Samples exceeding cleanup criteria from borings C-11 and C-25 were collected from elevations beneath historic water-table elevations. Several samples exceeded cleanup criteria for methylene chloride and acetone due to quantitative multipliers used by the laboratory for determining detected compounds in diluted samples. Methylene chloride and acetone are chemicals commonly used in laboratories and were detected in all QA/QC samples. Therefore exceedances for methylene chloride and acetone are not considered applicable for closure determination.

Geologic cross sections (plate 2) of the FDSA generated from the geologic logs indicate the soil types (including clay lenses), historical high and low water-table elevations, PID readings and analytical results of samples collected from the soil borings.

Based on the results of the FDSA closure sampling plan, the SVE system has been an effective means of remediating the soil in the FDSA. However, contamination remains in a small portion (approximately 300 square feet) of the southern end of the FDSA.

**Soil-Vapor Extraction Operation Plan**

Based on the analytical results of closure sampling, a plan to re-start the SVE system is required to address the remaining contamination. The soil borings in which samples exceeded the cleanup criteria established by the Consent Order and NYSDEC TAGM are located in the southern portion of the FDSA. The operation plan proposed for continued remediation of the soil in the FDSA will utilize SVE-11, which is located approximately in the center of the soil borings exceeding cleanup criteria. The SVE system will be configured, through the use of existing valves, to actively withdraw subsurface vapors from SVE-11 utilizing the 3 horsepower (hp) regenerative blower. The 3-hp blower will produce adequate vacuum for vapor extraction while decreasing the power consumption of the SVE system.

The system will operate in a pulsed operation scenario consisting of a continual rotation of a two-week active period followed by a one week period of shutdown. Air samples will be collected from the pre-, mid- and post-carbon sample locations during the active periods at 30 minutes and 2 hours after startup and at the end of the two week active period, prior to system shutdown. Samples will be collected in 1-liter tedlar bags and analyzed by EPA Methods TO-1 and TO-2 by Severn Trent Laboratories in Shelton, Connecticut. System operating conditions (air flow, pressure, vacuum, temperature) will be monitored and recorded during each sample event.

On December 9, 1999, the carbon in Carbon Unit No. 1 was replaced with virgin carbon. The system was reconfigured to utilize Carbon Unit No. 2 as the lead unit. Based on previous operation of the SVE system, each carbon unit is capable of absorbing approximately 115 pounds of VOCs before breakthrough, at which time a carbon changeout would be required. Currently, approximately 43 pounds of total VOCs have been loaded onto Carbon Unit No. 2 and approximately 1 pound of total VOCs have been loaded onto Carbon Unit No. 1. Carbon loading will be monitored during operation to determine time of breakthrough and saturation and to prevent the system from exceeding permitted discharge limits (0.022 lbs/hr total VOC, 0.01 lbs/hr PCE).

Quarterly operation and maintenance summary reports will be submitted detailing all monitoring and analytical data collected during the system operation. In the event that VOC concentrations have diminished to a level where efficient operation of the SVE system in this scenario is not possible, the EPA will be consulted and a different operation plan will be implemented.

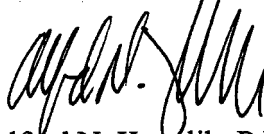
Based on your verbal authorization, the proposed operation plan was initiated on December 15, 2000. Please feel free to contact me if you have any questions or concerns.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.



Paul Jobmann  
Senior Environmental Engineer



Alfred N. Kovalik, P.E.  
Associate

Reviewed By:



Robert Lamonica, CPG  
President

PJ:etn

Attachments

cc: Chuck Bennett  
Terry Gerrish  
Mark Lucas  
Brian Wied  
Dan Riesel (2)  
Ilene Karpf  
Phil McAndrew  
Thomas Giller  
Mary Scheerer  
C. Macneil Mitchell

**TABLES**

TABLE 1

SOIL REMEDIAL ACTION  
 ROWE INDUSTRIES SUPERFUND SITE  
 SAG HARBOR, NEW YORK

CONFIRMATION SAMPLE FIELD SCREENING RESULTS AND OBSERVATIONS

Boring	PID reading (PPM)	Depth below grade of PID reading (ft. bg)	Confirmation Sample ID	Soil Type	Notes
C-1	0.0		C-1 / 16 - 18 / 01	Sand	Default elevation
C-2	0.0		C-2 / 7 - 9 / 01	Sand	Default elevation
C-3	0.0		C-3 / 5.5 - 7.5 / 01	Sand	Default elevation
C-4	0.0		C-4 / 12.5 - 16.5 / 01	Sand	Default elevation
C-5	0.0		C-5 / 12.5 - 16.5 / 01	Sand	Default elevation
C-6	0.0		C-6 / 6.5 - 8.5 / 01	Sand	Default elevation
C-7	0.0		C-7 / 7 - 9 / 01	Sand	Default elevation
C-8	0.0		C-8 / 14.5 - 16.5 / 01	Clay	Default elevation
C-9	0.0		C-9 / 12 - 14 / 01	Sand	Default elevation
C-10	0.0		C-10 / 4 - 6 / 01	Sand	Default elevation
C-11	0.0		C-11 / 6.75 - 8.75 / 01	Sand	Default elevation
	5.0	24 - 26	C-11 / 24 - 26 / 01	Sand	Below water table
C-12	0.0		C-12 / 12 - 14 / 01	Sand	Default elevation
C-13	0.0		C-13 / 7 - 9 / 01	Sand	Default elevation
C-14	0.0		C-14 / 10.25 - 12.25 / 01	Silt	Default elevation
C-15	884	17.2 - 18.3	C-15 / 13 - 16 / 01	Sand	Default elevation, Duplicate1 (QA/QC sample)
	0.0		C-15 / 16 - 18 / 01	Clay	
C-16	455	25 - 25.5	C-16 / 8 - 10 / 01	Sand	Default elevation
C-17	285	20.5 - 20.9	C-17 / 18 - 20 / 01	Clay	MS1, MSD1 (QA/QC sample)
	587	21.3 - 22.1	C-17 / 22 - 24 / 01	Clay	
	2611	23.1 - 24	NS	Clay	Below water table
C-17A	25.0	20 - 20.2	NS	Sand	Boring completed 6 ft south of C-17
C-18	0.0		C-18 / 8 - 10 / 01	Sand	Default elevation
C-19	0.0		C-19 / 10.25 - 12.25 / 01	Sand	Default elevation
	0.0		C-19 / 14.5 - 16.5 / 01	Sand	
C-20	0.0		C-20 / 8 - 10 / 01	Sand	
	0.0		C-20 / 10 - 12 / 01	Sand	
	0.0		C-20 / 16 - 18 / 01	Sand	
C-21	0.0		C-21 / 8 - 10 / 01	Sand	Default elevation
	135	18.7 - 19.5	C-21 / 18 - 20 / 01	Silt & Clay	
	218	20.3 - 24	NS	Sand	Below water table
C-22	2066	14.8 - 15.25	NS	Sand	Sample wet but not below water table
	3677	16.3 - 16.6	C-22 / 16 - 18 / 01	Sand	Sample wet but not below water table
	54.0	20 - 24	NS	Sand	Below water table
C-23	0.0		C-23 / 9.5 - 11.5 / 01	Sand	Default elevation, Duplicate2 (QA/QC sample)
C-24	568	12.8 - 13.2	C-24 / 12 - 14 / 01	Sand	
	201	17.5 - 17.9	NS	Sand	
C-24A	1134	11.75 - 12.25	C-24A / 10 - 14 / 01	Sand	Boring completed 2.5 ft North of C-24
C-25	2617	8.5	C-25 / 8 - 10 / 01	Sand	
	529	14.5	NS	Silt	
	1900	16	NS	Sand	
	7101	23	C-25 / 22 - 24 / 01	Sand	Immediately above water table
C-25A	26.0	23	C-25A / 22 - 24 / 01	Sand	Boring completed 5 ft South of C-25
C-26	0.0		C-26 / 8 - 10 / 01	Sand	Default elevation
	0.0		C-26 / 12 - 14 / 01	Clay	MS2, MSD2 (QA/QC sample)

NS - Sample not collected

TABLE 2

SOIL REMEDIAL ACTION  
 ROWE INDUSTRIES SUPERFUND SITE  
 SAG HARBOR, NEW YORK

Analytical Results of Confirmation Samples

Confirmation Sample ID	Compounds Specifically Referenced in Consent Order with Clean-up Objectives						Detected Compounds without Clean-up Objectives referenced in Consent Order <sup>1/</sup>									
	PCE (ug/kg)	TCA (ug/kg)	TCE (ug/kg)	Toluene (ug/kg)	Xylene (ug/kg)	EB (ug/kg)	MC (ug/kg)	Acetone (ug/kg)	MP (ug/kg)	1,1,2,2-PCA (ug/kg)	2-Butanone (ug/kg)	Styrene (ug/kg)	IPB (ug/kg)	TCTF (ug/kg)	MCH (ug/kg)	2-Hexanone (ug/kg)
C-1/16-18/01	ND	ND	ND	0.8	ND	ND	17	50	ND	ND	ND	ND	ND	ND	ND	ND
C-2/7-9/01	ND	ND	ND	0.9	ND	ND	11	12	2	ND	ND	ND	ND	ND	ND	ND
C-3/5.5-7.5/01	6	ND	ND	2	ND	ND	16	50	ND	ND	ND	ND	ND	ND	ND	ND
C-4/12.5-18.5/01	ND	ND	ND	0.8	ND	ND	9	15	0.9	ND	ND	ND	ND	ND	ND	ND
C-5/12.5-18.5/01	ND	ND	ND	0.8	ND	ND	8	15	ND	ND	ND	ND	ND	ND	ND	ND
C-6/6.5-8.5/01	ND	ND	ND	1	ND	ND	16	44	ND	1	ND	ND	ND	ND	ND	ND
C-7/7-9/01	6	ND	ND	1	ND	ND	18	65	ND	1	ND	ND	ND	ND	ND	ND
C-8/14.5-18.5/01	ND	ND	ND	0.9	ND	ND	12	10	ND	ND	ND	ND	ND	ND	ND	ND
C-9/12-14/01	3	ND	ND	ND	ND	ND	12	37	ND	0.6	ND	ND	ND	ND	ND	ND
C-10/4-6/01	ND	ND	ND	0.6	ND	ND	8	19	ND	1	ND	ND	ND	ND	ND	ND
C-11/24-28/01	67	ND	ND	ND	ND	ND	470	1,900	ND	ND	1,700	ND	ND	ND	ND	ND
C-11/8.75-8.75/-1	16	2	ND	0.7	ND	ND	10	48	ND	2	ND	ND	ND	ND	ND	ND
C-12/12-14/01	1	ND	ND	ND	ND	ND	17	67	1	ND	ND	ND	ND	ND	ND	ND
C-13/7-9/01	16	ND	ND	1	ND	ND	14	200	3	ND	11	ND	ND	ND	ND	ND
C-14/10.25-12.25/01	8	ND	ND	ND	ND	ND	15	26	ND	ND	ND	ND	ND	ND	ND	ND
C-15/18-18/01	24	ND	ND	0.7	ND	ND	24	85	ND	ND	ND	ND	ND	ND	ND	ND
C-15/16-18/01	2,700,000	ND	ND	ND	ND	ND	80,000	440,000	ND	ND	31,000	ND	ND	4,900	12,000	ND
C-16/8-10/01	5	ND	ND	0.6	ND	ND	18	49	ND	ND	ND	ND	ND	ND	ND	ND
C-17/18-20/01	2	ND	ND	ND	ND	ND	18	77	ND	ND	15	ND	ND	ND	ND	3
C-17/22-24/01	230,000	ND	ND	ND	6,700	260	11,000	42,000	ND	ND	6,100	ND	870	790	3,000	ND
C-18/8-10/01	6	ND	ND	ND	ND	ND	24	47	1	ND	ND	ND	ND	ND	ND	ND
C-19/10.25-12.25/01	7	7	ND	0.6	ND	ND	22	45	ND	ND	0.7	ND	ND	ND	ND	ND
C-19/14.5-18.5/01	10	ND	ND	ND	ND	ND	19	47	1	ND	ND	2	ND	ND	ND	ND
C-20/8-10/01	52	4	1	0.7	2	ND	14	100	ND	ND	13	0.7	0.6	ND	ND	ND
C-20/10-12/01	25	ND	ND	ND	ND	ND	20	34	ND	ND	ND	0.8	ND	ND	ND	ND
C-20/16-18/01	2	ND	ND	ND	ND	ND	27	87	1	ND	ND	ND	ND	ND	ND	ND
C-21/8-10/01	5	ND	ND	0.5	ND	ND	25	110	2	ND	24	ND	ND	ND	ND	ND
C-21/18-20/01	30,000	ND	ND	ND	ND	ND	600	2,100	ND	ND	1,200	ND	ND	38	ND	ND
C-22/16-18/01	4,200,000	ND	3,600	ND	ND	ND	140,000	390,000	ND	ND	ND	ND	11,000	20,000	ND	ND
C-23/9.5-11.5/01	19	2	ND	ND	ND	ND	14	52	2	ND	ND	ND	ND	ND	ND	ND
C-23/10.5-12.5/01	9	2	1	0.6	ND	ND	19	49	2	ND	ND	ND	ND	ND	ND	ND
C-24/12-14/01	ND	ND	ND	ND	ND	ND	14	16	1	ND	ND	ND	ND	ND	ND	ND
C-24A/10-14/01	ND	ND	ND	ND	ND	ND	21	48	2	ND	ND	0.5	ND	ND	ND	ND
C-25/8-10/01	1	ND	ND	ND	ND	ND	12	48	1	ND	ND	ND	ND	ND	ND	ND
C-25/22-24/01	3,100	ND	27	ND	ND	ND	600	1,800	ND	ND	ND	ND	140	ND	ND	ND
C-25A/22-24/01	2	ND	ND	ND	ND	ND	24	47	ND	ND	ND	ND	ND	ND	ND	ND
C-26/8-10/01	5	ND	ND	0.5	ND	ND	18	34	ND	ND	0.6	ND	ND	ND	ND	ND
C-26/12-14/01	25	4	ND	0.6	ND	ND	18	33	1	ND	ND	ND	ND	ND	ND	ND
Consent Order Soil Clean-up Criteria	1500	1000	1000	1500	1200	5500	-	-	-	-	-	-	-	-	-	-
NYSDEC Soil Clean-up Criteria	1400	760	700	1600	1200	5500	100	110	1000	600	300	NE	NE	6000	NE	NE

1/ Clean-up objectives referenced in NYSDEC TAGM HWR-94-4048  
 Shaded cells indicate concentrations that exceed clean-up criteria

NE: No Clean-up criteria established  
 ND: Not detected; refer to analytical laboratory report for actual detection limits.

PCE - Tetrachloroethene  
 TCA - 1,1,1-Trichloroethane  
 TCE - Trichloroethene  
 EB - Ethylbenzene  
 MC - Methylene Chloride

MP - 4-Methyl -2-Pentanone  
 1,1,2,2-PCA - 1,1,2,2-Tetrachloroethane  
 IPB - Isopropylbenzene  
 TCTF - 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  
 MCH - Methylcyclohexane

**APPENDIX I**  
**ANALYTICAL REPORTS**

SEVERN  
TRENT  
SERVICES

November 06, 2000

STL Connecticut  
128 Long Hill Cross Road  
Shelton, CT 06484

Tel: 203 929 8140  
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www.stl-inc.com

Mr. Paul Jobman  
LEGGETTE, BRASHEARS & GRAHAM  
126 Monroe Turnpike  
Trumbull, CT 06611

RECEIVED  
NOV 07 2000  
Leggette, Brashears, & Graham, Inc.

Dear Mr. Jobman :

Please find enclosed the analytical results of 22 sample(s) received at our laboratory on October 12-13, 2000. This report contains sections addressing the following information at a minimum:

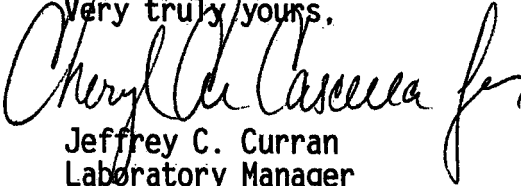
- . sample summary
- . analytical methodology
- . state certifications
- . definition of data qualifiers and terminology
- . analytical results
- . chain-of-custody

STL Report #7000-2295A	
Project ID: ROWE INDUSTRIES/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) 929-8140 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

**7000-2295A**  
**LEGGETTE, BRASHEARS & GRAHAM**

**Case Narrative**

**Sample Receipt** – All samples were received in good condition and at proper temperature.

**Classical Chemistry** - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. Samples prepared following Lloyd Kahn, Determination of Total Carbon in Sediment, July 27, 1988. No analytical problems were encountered.

Analyte	Method	Reference
TOCD	9060	1

**References:**

1. Test Methods for the Evaluation of Solid Wastes, SW846, 3rd ed., 1986.

**Volatile Organics** – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM04.2. The instrumentation used was a Tekmar Model 2000/2016/3000 Concentrator/Archon 51/4552 autosampler interfaced with a Hewlett-Packard Model 5970A/5971A/5972A GC/MS/DS.

The column is a 75 meter J&W capillary column DB-624 with a 3.0u film thickness.

The column is a 60 meter Restek capillary column RTX-624 with a 1.4u film thickness.

The trap is a Voacarb 3000 with Carbopack B/Carboxen 1000 & 1001.

**Sample Calculation:**

Sample ID – EB/10/12

Compound – Acetone

$$\frac{(54830)(250)}{(266719)(0.939)(5)} = 10.9 = 11 \text{ ug/L}$$

Sample TRIP BLANK (10/11/00) exhibited acetone results of 82 ug/L.

The following samples were analyzed as medium level soils due to high target compound concentrations: C-11/24-26/01, C-11/24-26/01 MS, and C-11/24-26/01 MSD.

TABLE VO-1.0  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/L.

Client Sample I.D.	Method Blank	EB/10/10	FB/10/10	Quant. Limits with no Dilution
Lab Sample I.D.	VBLK04	002295A-03	002295A-04	
Method Blank I.D.	VBLK04	VBLK04	VBLK04	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	U	U	U	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	1J	1JB	2JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	3J	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/13/00	10/13/00	10/13/00	

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-1.0  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

0003 Aqueous

page 2 of 2

All values are ug/L.

Client Sample I.D. Lab Sample I.D. Method Blank I.D. Quant. Factor	Method Blank VBLK04 VBLK04 1.00	EB/10/10 002295A-03 VBLK04 1.00	FB/10/10 002295A-04 VBLK04 1.00	Quant. Limits with no Dilution
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/13/00	10/13/00	10/13/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	EB/10/11	FB/10/11	TRIP BLANK	Quant. Limits with no Dilution
Lab Sample I.D.	002295A-05	002295A-06	002295A-09	
Method Blank I.D.	VBLKO4	VBLKO4	VBLKO4	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	U	U	82	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	.7JB	1JB	12B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	3J	2J	3J	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/12/00	10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/13/00	10/13/00	10/13/00	

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  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Aqueous  
 page 2 of 2

All values are ug/L.

Client Sample I.D.	EB/10/11	FB/10/11	TRIP BLANK	Quant. Limits with no Dilution
Lab Sample I.D.	002295A-05	002295A-06	002295A-09	
Method Blank I.D.	VBLKO4	VBLKO4	VBLKO4	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/12/00	10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/13/00	10/13/00	10/13/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	TRIP BLANK			Quant. Limits with no Dilution
Lab Sample I.D.	002295A-12			
Method Blank I.D.	VBLK04			
Quant. Factor	1.00			
Dichlorodifluoromethane	U			10
Chloromethane	U			10
Vinyl Chloride	U			10
Bromomethane	U			10
Chloroethane	U			10
Trichlorofluoromethane	U			10
1,1-Dichloroethene	U			10
1,1,2-Trichloro-1,2,2-trifluoroethane	U			10
Acetone	U			10
Carbon Disulfide	U			10
Methyl Acetate	U			10
Methylene Chloride	2JB			10
trans-1,2-Dichloroethene	U			10
Methyl tert-Butyl Ether	U			10
1,1-Dichloroethane	U			10
cis-1,2-Dichloroethene	U			10
2-Butanone	2J			10
Chloroform	U			10
1,1,1-Trichloroethane	U			10
Cyclohexane	U			10
Carbon Tetrachloride	U			10
Benzene	U			10
1,2-Dichloroethane	U			10
Trichloroethene	U			10
Methylcyclohexane	U			10
1,2-Dichloropropane	U			10
Bromodichloromethane	U			10
cis-1,3-Dichloropropene	U			10
4-Methyl-2-Pentanone	U			10
Toluene	U			10
trans-1,3-Dichloropropene	U			10
1,1,2-Trichloroethane	U			10
Tetrachloroethene	U			10
2-Hexanone	U			10
Dibromochloromethane	U			10
Date Received	10/13/00			
Date Extracted	N/A			
Date Analyzed	10/13/00			

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  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

All values are ug/L.

Client Sample I.D.	TRIP BLANK			Quant. Limits with no Dilution
Lab Sample I.D.	002295A-12			
Method Blank I.D.	VBLK04			
Quant. Factor	1.00			
1,2-Dibromoethane	U			10
Chlorobenzene	U			10
Ethylbenzene	U			10
Xylene (total)	U			10
Styrene	U			10
Bromoform	U			10
Isopropylbenzene	U			10
1,1,2,2-Tetrachloroethane	U			10
1,3-Dichlorobenzene	U			10
1,4-Dichlorobenzene	U			10
1,2-Dichlorobenzene	U			10
1,2-Dibromo-3-chloropropane	U			10
1,2,4-Trichlorobenzene	U			10
Date Received	10/13/00			
Date Extracted	N/A			
Date Analyzed	10/13/00			

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	Method Blank	FB/10/12	EB/10/12	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKOD	002295A-13	002295A-14	
Method Blank I.D.	VBLKOD	VBLKOD	VBLKOD	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluor	U	U	U	10
Acetone	U	10	11	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	2J	U	U	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	2J	4JB	4JB	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/18/00	10/18/00	10/18/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 2 of 2

All values are ug/L.

Client Sample I.D.	Method Blank	FB/10/12	EB/10/12	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKOD	002295A-13	002295A-14	
Method Blank I.D.	VBLKOD	VBLKOD	VBLKOD	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/18/00	10/18/00	10/18/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	FB/10/13	EB/10/13	TRIP BLANK	Quant. Limits with no Dilution
Lab Sample I.D.	002295A-18	002295A-19	002295A-20	
Method Blank I.D.	VBLKOD	VBLKOD	VBLKOD	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluor	U	U	U	10
Acetone	17	17	U	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	U	U	2JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	6JB	6JB	2JB	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/13/00	10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/18/00	10/18/00	10/18/00	

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  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Aqueous  
 page 2 of 2

All values are ug/L.

Client Sample I.D.	FB/10/13	EB/10/13	TRIP BLANK	Quant. Limits with no Dilution
Lab Sample I.D.	002295A-18	002295A-19	002295A-20	
Method Blank I.D.	VBLKOD	VBLKOD	VBLKOD	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/13/00	10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/18/00	10/18/00	10/18/00	

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  
7000-2295A

LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-1/16-18/01	C-2/7-9/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTF	002295A-01	002295A-02	
Method Blank I.D.	VBLKTF	VBLKTF	VBLKTF	
Quant. Factor	1.00	1.05	1.09	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	.8J	U	U	10
Acetone	U	50	12	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	8J	17B	11B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	2J	10
Toluene	U	.8J	.9J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/12/00	10/12/00	10/12/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-1/16-18/01	C-2/7-9/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTF	002295A-01	002295A-02	
Method Blank I.D.	VBLKTF	VBLKTF	VBLKTF	
Quant. Factor	1.00	1.05	1.09	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/12/00	10/12/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/12/00	10/12/00	10/12/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-3/5.5 -7.5/01	C-4/12.5 -16.5/01		Quant. Limits with no Dilution
Lab Sample I.D.	002295A-07	002295A-08		
Method Blank I.D.	VBLKTF	VBLKTF		
Quant. Factor	1.04	1.04		
Dichlorodifluoromethane	U	U		10
Chloromethane	U	U		10
Vinyl Chloride	U	U		10
Bromomethane	U	U		10
Chloroethane	U	U		10
Trichlorofluoromethane	U	U		10
1,1-Dichloroethene	U	U		10
1,1,2-Trichloro-1,2,2-trifluor	U	U		10
Acetone	50	15		10
Carbon Disulfide	U	U		10
Methyl Acetate	U	U		10
Methylene Chloride	16B	9JB		10
trans-1,2-Dichloroethene	U	U		10
Methyl tert-Butyl Ether	U	U		10
1,1-Dichloroethane	U	U		10
cis-1,2-Dichloroethene	U	U		10
2-Butanone	U	U		10
Chloroform	U	U		10
1,1,1-Trichloroethane	U	U		10
Cyclohexane	U	U		10
Carbon Tetrachloride	U	U		10
Benzene	U	U		10
1,2-Dichloroethane	U	U		10
Trichloroethene	U	U		10
Methylcyclohexane	U	U		10
1,2-Dichloropropane	U	U		10
Bromodichloromethane	U	U		10
cis-1,3-Dichloropropene	U	U		10
4-Methyl-2-Pentanone	U	.9J		10
Toluene	2J	.6J		10
trans-1,3-Dichloropropene	U	U		10
1,1,2-Trichloroethane	U	U		10
Tetrachloroethene	6J	U		10
2-Hexanone	U	U		10
Dibromochloromethane	U	U		10
Date Received	10/12/00	10/12/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/12/00	10/12/00		

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  
7000-2295A

Soil

LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-3/5.5 -7.5/01	C-4/12.5 -16.5/01		Quant. Limits with no Dilution
Lab Sample I.D.	002295A-07	002295A-08		
Method Blank I.D.	VBLKTF	VBLKTF		
Quant. Factor	1.04	1.04		
1,2-Dibromoethane	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Xylene (total)	U	U		10
Styrene	U	U		10
Bromoform	U	U		10
Isopropylbenzene	U	U		10
1,1,2,2-Tetrachloroethane	U	U		10
1,3-Dichlorobenzene	U	U		10
1,4-Dichlorobenzene	U	U		10
1,2-Dichlorobenzene	U	U		10
1,2-Dibromo-3-chloropropane	U	U		10
1,2,4-Trichlorobenzene	U	U		10
Date Received	10/12/00	10/12/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/12/00	10/12/00		

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-6/6.5 -8.5/01	C-7/7-9/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTQ	002295A-10	002295A-11	
Method Blank I.D.	VBLKTQ	VBLKTQ	VBLKTQ	
Quant. Factor	1.00	1.12	1.10	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	2J	U	U	10
Acetone	U	44	65	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	15	16B	18B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	1J	1J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	6J	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/19/00	10/19/00	10/19/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-6/6.5 -8.5/01	C-7/7-9/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTQ	002295A-10	002295A-11	
Method Blank I.D.	VBLKTQ	VBLKTQ	VBLKTQ	
Quant. Factor	1.00	1.12	1.10	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	1J	1J	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/19/00	10/19/00	10/19/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-8/14.5 -16.5/01	C-10/4-6/01		Quant. Limits with no Dilution
Lab Sample I.D.	002295A-15	002295A-17		
Method Blank I.D.	VBLKTQ	VBLKTQ		
Quant. Factor	1.25	0.986		
Dichlorodifluoromethane	U	U		10
Chloromethane	U	U		10
Vinyl Chloride	U	U		10
Bromomethane	U	U		10
Chloroethane	U	U		10
Trichlorofluoromethane	U	U		10
1,1-Dichloroethene	U	U		10
1,1,2-Trichloro-1,2,2-trifluor	U	U		10
Acetone	10J	19		10
Carbon Disulfide	U	U		10
Methyl Acetate	U	U		10
Methylene Chloride	12B	8JB		10
trans-1,2-Dichloroethene	U	U		10
Methyl tert-Butyl Ether	U	U		10
1,1-Dichloroethane	U	U		10
cis-1,2-Dichloroethene	U	U		10
2-Butanone	U	U		10
Chloroform	U	U		10
1,1,1-Trichloroethane	U	U		10
Cyclohexane	U	U		10
Carbon Tetrachloride	U	U		10
Benzene	U	U		10
1,2-Dichloroethane	U	U		10
Trichloroethene	U	U		10
Methylcyclohexane	U	U		10
1,2-Dichloropropane	U	U		10
Bromodichloromethane	U	U		10
cis-1,3-Dichloropropene	U	U		10
4-Methyl-2-Pentanone	U	U		10
Toluene	.9J	.6J		10
trans-1,3-Dichloropropene	U	U		10
1,1,2-Trichloroethane	U	U		10
Tetrachloroethene	U	U		10
2-Hexanone	U	U		10
Dibromochloromethane	U	U		10
Date Received	10/13/00	10/13/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/19/00	10/19/00		

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-8/14.5 -16.5/01	C-10/4-6/01		
Lab Sample I.D.	002295A-15	002295A-17		Quant. Limits with no Dilution
Method Blank I.D.	VBLKTQ	VBLKTQ		
Quant. Factor	1.25	0.986		
1,2-Dibromoethane	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Xylene (total)	U	U		10
Styrene	U	U		10
Bromoform	U	U		10
Isopropylbenzene	U	U		10
1,1,2,2-Tetrachloroethane	U	1J		10
1,3-Dichlorobenzene	U	U		10
1,4-Dichlorobenzene	U	U		10
1,2-Dichlorobenzene	U	U		10
1,2-Dibromo-3-chloropropane	U	U		10
1,2,4-Trichlorobenzene	U	U		10
Date Received	10/13/00	10/13/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/19/00	10/19/00		

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/2 4-26/01		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKG	002295A-16		
Method Blank I.D.	VBLKKG	VBLKKG		
Quant. Factor	1.00	0.886		
Dichlorodifluoromethane	U	U		1200
Chloromethane	U	U		1200
Vinyl Chloride	U	U		1200
Bromomethane	U	U		1200
Chloroethane	U	U		1200
Trichlorofluoromethane	U	U		1200
1,1-Dichloroethene	U	U		1200
1,1,2-Trichloro-1,2,2-trifluor	U	U		1200
Acetone	U	1800		1200
Carbon Disulfide	U	U		1200
Methyl Acetate	U	U		1200
Methylene Chloride	U	470J		1200
trans-1,2-Dichloroethene	U	U		1200
Methyl tert-Butyl Ether	U	U		1200
1,1-Dichloroethane	U	U		1200
cis-1,2-Dichloroethene	U	U		1200
2-Butanone	U	1700		1200
Chloroform	U	U		1200
1,1,1-Trichloroethane	U	U		1200
Cyclohexane	U	U		1200
Carbon Tetrachloride	U	U		1200
Benzene	U	U		1200
1,2-Dichloroethane	U	U		1200
Trichloroethene	U	U		1200
Methylcyclohexane	U	U		1200
1,2-Dichloropropane	U	U		1200
Bromodichloromethane	U	U		1200
cis-1,3-Dichloropropene	U	U		1200
4-Methyl-2-Pentanone	U	U		1200
Toluene	U	U		1200
trans-1,3-Dichloropropene	U	U		1200
1,1,2-Trichloroethane	U	U		1200
Tetrachloroethene	U	67J		1200
2-Hexanone	U	U		1200
Dibromochloromethane	U	U		1200
Date Received		10/13/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/20/00	10/20/00		

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  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Soil  
 Medium  
 page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/2 4-26/01		Quant. Limits with no Dilution
Lab Sample I.D. Method Blank I.D. Quant. Factor	VBLKKG VBLKKG 1.00	002295A-16 VBLKKG 0.886		
1,2-Dibromoethane	U	U		1200
Chlorobenzene	U	U		1200
Ethylbenzene	U	U		1200
Xylene (total)	U	U		1200
Styrene	U	U		1200
Bromoform	U	U		1200
Isopropylbenzene	U	U		1200
1,1,2,2-Tetrachloroethane	U	U		1200
1,3-Dichlorobenzene	U	U		1200
1,4-Dichlorobenzene	U	U		1200
1,2-Dichlorobenzene	U	U		1200
1,2-Dibromo-3-chloropropane	U	U		1200
1,2,4-Trichlorobenzene	U	U		1200
Date Received		10/13/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/20/00	10/20/00		

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/2 4-26/01 MS	C-11/2 4-26/01 MSD	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKI	002295A-16MS	002295A-16 MSD	
Method Blank I.D.	VBLKKI	VBLKKI	VBLKKI	
Quant. Factor	1.00	0.886	0.886	
Dichlorodifluoromethane	U	U	U	1200
Chloromethane	U	U	U	1200
Vinyl Chloride	U	U	U	1200
Bromomethane	U	U	99J	1200
Chloroethane	U	U	U	1200
Trichlorofluoromethane	U	U	U	1200
1,1-Dichloroethene	U	5800X	5600X	1200
1,1,2-Trichloro-1,2,2-trifluor	U	U	U	1200
Acetone	U	940J	840J	1200
Carbon Disulfide	U	U	U	1200
Methyl Acetate	U	U	U	1200
Methylene Chloride	53J	420JB	350JB	1200
trans-1,2-Dichloroethene	U	U	U	1200
Methyl tert-Butyl Ether	U	U	U	1200
1,1-Dichloroethane	U	U	U	1200
cis-1,2-Dichloroethene	U	U	U	1200
2-Butanone	U	1600	1600	1200
Chloroform	U	U	U	1200
1,1,1-Trichloroethane	U	U	U	1200
Cyclohexane	U	U	U	1200
Carbon Tetrachloride	U	U	U	1200
Benzene	U	5800X	5800X	1200
1,2-Dichloroethane	U	U	U	1200
Trichloroethene	U	5700X	5700X	1200
Methylcyclohexane	U	U	U	1200
1,2-Dichloropropane	U	U	U	1200
Bromodichloromethane	U	U	U	1200
cis-1,3-Dichloropropene	U	U	U	1200
4-Methyl-2-Pentanone	U	U	U	1200
Toluene	U	5700X	5600X	1200
trans-1,3-Dichloropropene	U	U	U	1200
1,1,2-Trichloroethane	U	U	U	1200
Tetrachloroethene	U	63J	59J	1200
2-Hexanone	U	U	U	1200
Dibromochloromethane	U	U	U	1200
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

Soil  
Medium  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/2 4-26/01 MS	C-11/2 4-26/01 MSD	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKI	002295A-16MS	002295A-16 MSD	
Method Blank I.D.	VBLKKI	VBLKKI	VBLKKI	
Quant. Factor	1.00	0.886	0.886	
1,2-Dibromoethane	U	U	U	1200
Chlorobenzene	U	5400X	5200X	1200
Ethylbenzene	U	U	U	1200
Xylene (total)	U	U	U	1200
Styrene	U	U	U	1200
Bromoform	U	U	U	1200
Isopropylbenzene	U	U	U	1200
1,1,2,2-Tetrachloroethane	U	U	U	1200
1,3-Dichlorobenzene	U	U	U	1200
1,4-Dichlorobenzene	U	U	U	1200
1,2-Dichlorobenzene	U	U	U	1200
1,2-Dibromo-3-chloropropane	U	U	U	1200
1,2,4-Trichlorobenzene	U	U	U	1200
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLK04

Lab Sample Id: VBLK04 Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
64-19-7	ACETIC ACID	11.75	6JN

Lab Sample Id: 002295A-03 Client Sample Id: EB/10/10

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295A-04 Client Sample Id: FB/10/10

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295A-05 Client Sample Id: EB/10/11

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295A-06 Client Sample Id: FB/10/11

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

TABLE VO-2.1  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLK04

Lab Sample Id: 002295A-09 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295A-12 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

TABLE VO-2.2  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKOD

Lab Sample Id: VBLKOD Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	23.94	46JN

Lab Sample Id: 002295A-13 Client Sample Id: FB/10/12

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
	NONE DETECTED		

Lab Sample Id: 002295A-14 Client Sample Id: EB/10/12

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
	NONE DETECTED		

Lab Sample Id: 002295A-18 Client Sample Id: FB/10/13

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
	NONE DETECTED		

Lab Sample Id: 002295A-19 Client Sample Id: EB/10/13

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
	NONE DETECTED		

See Appendix for qualifier definitions

TABLE VO-2.3  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKOD

Lab Sample Id: 002295A-20 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

Soil

TABLE VO-2.4  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKTF

Lab Sample Id: VBLKTF      Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.58	15JN
128-37-0	BUTYLATED HYDROXYTOLUENE	20.60	11JN
	UNKNOWN SILOXANE	19.08	5J

Lab Sample Id: 002295A-01      Client Sample Id: C-1/16-18/01

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

Lab Sample Id: 002295A-02      Client Sample Id: C-2/7-9/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
540-84-1	PENTANE, 2,2,4-TRIMETHYL-	9.12	7JN

Lab Sample Id: 002295A-07      Client Sample Id: C-3/5.5-7.5/01

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

Lab Sample Id: 002295A-08      Client Sample Id: C-4/12.5-16.5/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
540-84-1	PENTANE, 2,2,4-TRIMETHYL-	9.12	6JN

See Appendix for qualifier definitions

TABLE VO-2.5  
 7000-2295A  
 LEGGETTE, BRASHEARS & GRAHAM  
 VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKTQ

Lab Sample Id: VBLKTQ Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	20.65	15JN
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.60	7JN

Lab Sample Id: 002295A-10 Client Sample Id: C-6/6.5-8.5/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN	4.73	8J
	UNKNOWN ALKENE	7.13	6J

Lab Sample Id: 002295A-11 Client Sample Id: C-7/7-9/01

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

Lab Sample Id: 002295A-15 Client Sample Id: C-8/14.5-16.5/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
66-25-1	HEXANAL	13.54	9JN

Lab Sample Id: 002295A-17 Client Sample Id: C-10/4-6/01

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

See Appendix for qualifier definitions

Soil  
Medium

TABLE VO-2.6  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKKG

Lab Sample Id: VBLKKG Client Sample Id: Method Blank

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

Lab Sample Id: 002295A-16 Client Sample Id: C-11/24-26/01

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

See Appendix for qualifier definitions

TABLE VO-2.7  
7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil  
Medium

Related Method Blank: VBLKKI

Lab Sample Id: VBLKKI Client Sample Id: Method Blank

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

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 STL-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.

**STL-Connecticut  
Certification Summary (as of April 2000)**

State	Agency	Category	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	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	388
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/Hazardous Waste	C231
Wisconsin	Department of Natural Resources	Wastewater	998355710

7000-2295A  
LEGGETTE, BRASHEARS & GRAHAM  
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
C-1/16-18/01	002295A-01	SOIL	10/10/00	10/12/00
C-2/7-9/01	002295A-02	SOIL	10/10/00	10/12/00
EB/10/10	002295A-03	WATER	10/10/00	10/12/00
FB/10/10	002295A-04	WATER	10/10/00	10/12/00
EB/10/11	002295A-05	WATER	10/11/00	10/12/00
FB/10/11	002295A-06	WATER	10/11/00	10/12/00
C-3/5.5-7.5/01	002295A-07	SOIL	10/11/00	10/12/00
C-4/12.5-16.5/01	002295A-08	SOIL	10/11/00	10/12/00
TRIP BLANK	002295A-09	WATER	10/11/00	10/12/00
C-6/6.5-8.5/01	002295A-10	SOIL	10/12/00	10/13/00
C-7/7-9/01	002295A-11	SOIL	10/12/00	10/13/00
TRIP BLANK	002295A-12	WATER	10/12/00	10/13/00
FB/10/12	002295A-13	WATER	10/12/00	10/13/00
EB/10/12	002295A-14	WATER	10/12/00	10/13/00
C-8/14.5-16.5/01	002295A-15	SOIL	10/12/00	10/13/00
C-11/24-26/01	002295A-16	SOIL	10/13/00	10/13/00
C-11/24-26/01	002295A-16MS	SOIL	10/13/00	10/13/00
C-11/24-26/01	002295A-16MSD	SOIL	10/13/00	10/13/00
C-10/4-6/01	002295A-17	SOIL	10/13/00	10/13/00
FB/10/13	002295A-18	WATER	10/13/00	10/13/00
EB/10/13	002295A-19	WATER	10/13/00	10/13/00
TRIP BLANK	002295A-20	WATER	10/13/00	10/13/00

STL CT ANALYTICAL SUMMARY

Page:1

Client ID: C-1/16-18/01, C-10/4-6/01, C-11/24-26/01, C-2/7-9/01, C-3/5.5-7.5/01, C-4/12.5-16.5/01, C-6/6.5-8.5/01, C-7/7-9/01, C-8/14.5-16.5/01, EB/10/10, EB/10/11, EB/10/12, EB/10/13, FB/10/10, FB/10/11, FB/10/12, FB/10/13, TRIP BLANK  
Job Number: 7000-2295A

Date: 11/7/100

Qty Matrix	Analysis	Description
1 SOIL	TOC-NLLOYD KAHN	Total Organic Carbon
2 SOIL	VOA-CLP4.2-TCL-30	TCL Volatile Organic
9 SOIL	VOA-CLP4.2-TCL-30	TCL Volatile Organic
11 WATER	VOA-NCLP4.2-TCL	TCL Volatile Organic

D

11/13/2000  
Leggette, Brashears, & Graham, Inc.

**SEVERN  
TRENT  
SERVICES**

November 10, 2000

**STL Connecticut**  
128 Long Hill Cross Road  
Shelton, CT 06484

Tel: 203 929 8140  
Fax: 203 929 8142  
www.stl-inc.com

Mr. Paul Jobman  
LEGGETTE, BRASHEARS & GRAHAM  
126 Monroe Turnpike  
Trumbull, CT 06611

RECEIVED  
NOV 13 2000  
Leggette, Brashears, & Graham, Inc.

Dear Mr. Jobman :

Please find enclosed the analytical results of 22 sample(s) received at our laboratory on October 13-18, 2000. 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 #7000-2295B	
Project ID: ROWE INDUSTRIES/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) 929-8140 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 de Casuccia for*  
Jeffrey C. Curran  
Laboratory Manager

JCC

7000-2295B

**LEGGETTE, BRASHEARS & GRAHAM****Case Narrative**

**Sample Receipt** – All samples were received in good condition and at proper temperature.

**Classical Chemistry** - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. Samples prepared following Lloyd Kahn, Determination of Total Carbon in Sediment, July 27, 1988. No analytical problems were encountered.

Analyte	Method	Reference
TOCD	9060	1

**References:**

1. Test Methods for the Evaluation of Solid Wastes, SW846, 3rd ed., 1986.

**Volatile Organics** – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM04.2. The instrumentation used was a Tekmar Model 2000/2016/3000 Concentrator/Archon 4552 autosampler interfaced with a Hewlett-Packard Model 5970A/5971A/5972A GC/MS/DS.

The column is a 75 meter J&W capillary column DB-624 with a 3.0u film thickness.

The column is a 60 meter Restek capillary column RTX-624 with a 1.4u film thickness.

The trap is a Voacarb 3000 with Carbopack B/Carboxen 1000 & 1001.

**Sample Calculation:**

Sample ID – C-11/6.75-8.75/01

Compound – Acetone

$$\frac{(97676)(250)}{(182314)(0.544)(5.31)(0.96)} = 48.2 = 48 \text{ UG/KG}$$

Samples C-5/16-18/01 and C-17/22-24/01 were analyzed as medium level soils at 1:100 and 1:20 dilutions, respectively, due to high target compound concentrations.

TABLE VO-1.0      0002  
 7000-2295B  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

All values are ug/L.

Client Sample I.D.	Method Blank	FIELD BLANK	FB/10/16	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKOK	002295B-09	002295B-16	
Method Blank I.D.	VBLKOK	VBLKOK	VBLKOK	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	U	U	U	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	3J	2JB	2JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	2J	2JB	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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-1.0  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 2 of 2

All values are ug/L.

Client Sample I.D.	Method Blank	FIELD BLANK	FB/10/16	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKOK	002295B-09	002295B-16	
Method Blank I.D.	VBLKOK	VBLKOK	VBLKOK	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	EB/10/16	FB/10/17	EB/10/17	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-17	002295B-18	002295B-19	
Method Blank I.D.	VBLKOK	VBLKOK	VBLKOK	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	U	U	U	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	1JB	1JB	1JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	2JB	2JB	2JB	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 2 of 2

All values are ug/L.

Client Sample I.D.	EB/10/16	FB/10/17	EB/10/17	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-17	002295B-18	002295B-19	
Method Blank I.D.	VBLKOK	VBLKOK	VBLKOK	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	TRIP BLANK			Quant. Limits with no Dilution
Lab Sample I.D.	002295B-20			
Method Blank I.D.	VBLKOK			
Quant. Factor	1.00			
Dichlorodifluoromethane	U			10
Chloromethane	U			10
Vinyl Chloride	U			10
Bromomethane	U			10
Chloroethane	U			10
Trichlorofluoromethane	U			10
1,1-Dichloroethene	U			10
1,1,2-Trichloro-1,2,2-trifluor	U			10
Acetone	U			10
Carbon Disulfide	U			10
Methyl Acetate	U			10
Methylene Chloride	2JB			10
trans-1,2-Dichloroethene	U			10
Methyl tert-Butyl Ether	U			10
1,1-Dichloroethane	U			10
cis-1,2-Dichloroethene	U			10
2-Butanone	2JB			10
Chloroform	U			10
1,1,1-Trichloroethane	U			10
Cyclohexane	U			10
Carbon Tetrachloride	U			10
Benzene	U			10
1,2-Dichloroethane	U			10
Trichloroethene	U			10
Methylcyclohexane	U			10
1,2-Dichloropropane	U			10
Bromodichloromethane	U			10
cis-1,3-Dichloropropene	U			10
4-Methyl-2-Pentanone	U			10
Toluene	U			10
trans-1,3-Dichloropropene	U			10
1,1,2-Trichloroethane	U			10
Tetrachloroethene	U			10
2-Hexanone	U			10
Dibromochloromethane	U			10
Date Received	10/18/00			
Date Extracted	N/A			
Date Analyzed	10/20/00			

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

Aqueous  
page 2 of 2

All values are ug/L.

Client Sample I.D.	TRIP BLANK			Quant. Limits with no Dilution
Lab Sample I.D.	002295B-20			
Method Blank I.D.	VBLKOK			
Quant. Factor	1.00			
1,2-Dibromoethane	U			10
Chlorobenzene	U			10
Ethylbenzene	U			10
Xylene (total)	U			10
Styrene	U			10
Bromoform	U			10
Isopropylbenzene	U			10
1,1,2,2-Tetrachloroethane	U			10
1,3-Dichlorobenzene	U			10
1,4-Dichlorobenzene	U			10
1,2-Dichlorobenzene	U			10
1,2-Dibromo-3-chloropropane	U			10
1,2,4-Trichlorobenzene	U			10
Date Received	10/18/00			
Date Extracted	N/A			
Date Analyzed	10/20/00			

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/6.7 5-8.75/01	C-5/12.5 -16.5/01	Quant. Limits with no Dilution
Lab Sample I.D. Method Blank I.D. Quant. Factor	VBLKTR VBLKTR 1.00	002295B-01 VBLKTR 0.981	002295B-02 VBLKTR 1.08	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluor	2J	U	U	10
Acetone	U	48	15	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	16	10B	8JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	2J	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	.7J	.6J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	16	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

Soil

page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-11/6.7 5-8.75/01	C-5/12.5 -16.5/01	Quant. Limits with no Dilution
Lab Sample I.D. Method Blank I.D. Quant. Factor	VBLKTR VBLKTR 1.00	002295B-01 VBLKTR 0.981	002295B-02 VBLKTR 1.08	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	2J	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/13/00	10/13/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-9/12-14/01	C-15/1 3-16/01	C-14/10.2 5-12.25/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-03	002295B-05	002295B-06	
Method Blank I.D.	VBLKTR	VBLKTR	VBLKTR	
Quant. Factor	0.983	2.16	1.25	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoro	U	U	U	10
Acetone	37	85	26	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	12B	24B	15B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	.7J	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	3J	24	8J	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/13/00	10/17/00	10/17/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-9/12-14/01	C-15/1 3-16/01	C-14/10.2 5-12.25/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-03	002295B-05	002295B-06	
Method Blank I.D.	VBLKTR	VBLKTR	VBLKTR	
Quant. Factor	0.983	2.16	1.25	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	.6J	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/13/00	10/17/00	10/17/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/20/00	10/20/00	10/20/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	DUPLICATE 1			Quant. Limits with no Dilution
Lab Sample I.D.	002295B-07			
Method Blank I.D.	VBLKTR			
Quant. Factor	1.26			
Dichlorodifluoromethane	U			10
Chloromethane	U			10
Vinyl Chloride	U			10
Bromomethane	U			10
Chloroethane	U			10
Trichlorofluoromethane	U			10
1,1-Dichloroethene	U			10
1,1,2-Trichloro-1,2,2-trifluoroethane	U			10
Acetone	18			10
Carbon Disulfide	U			10
Methyl Acetate	U			10
Methylene Chloride	18B			10
trans-1,2-Dichloroethene	U			10
Methyl tert-Butyl Ether	U			10
1,1-Dichloroethane	U			10
cis-1,2-Dichloroethene	U			10
2-Butanone	U			10
Chloroform	U			10
1,1,1-Trichloroethane	U			10
Cyclohexane	U			10
Carbon Tetrachloride	U			10
Benzene	U			10
1,2-Dichloroethane	U			10
Trichloroethene	U			10
Methylcyclohexane	U			10
1,2-Dichloropropane	U			10
Bromodichloromethane	U			10
cis-1,3-Dichloropropene	U			10
4-Methyl-2-Pentanone	U			10
Toluene	U			10
trans-1,3-Dichloropropene	U			10
1,1,2-Trichloroethane	U			10
Tetrachloroethene	5J			10
2-Hexanone	U			10
Dibromochloromethane	U			10
Date Received	10/17/00			
Date Extracted	N/A			
Date Analyzed	10/20/00			

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

All values are ug/Kg dry weight basis.

Client Sample I.D.	DUPLICATE 1			Quant. Limits with no Dilution
Lab Sample I.D.	002295B-07			
Method Blank I.D.	VBLKTR			
Quant. Factor	1.26			
1,2-Dibromoethane	U			10
Chlorobenzene	U			10
Ethylbenzene	U			10
Xylene (total)	U			10
Styrene	U			10
Bromoform	U			10
Isopropylbenzene	U			10
1,1,2,2-Tetrachloroethane	U			10
1,3-Dichlorobenzene	U			10
1,4-Dichlorobenzene	U			10
1,2-Dichlorobenzene	U			10
1,2-Dibromo-3-chloropropane	U			10
1,2,4-Trichlorobenzene	U			10
Date Received	10/17/00			
Date Extracted	N/A			
Date Analyzed	10/20/00			

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-13/7-9/01	C-17/1 8-20/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTS	002295B-08	002295B-10	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.00	1.01	1.07	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluor	2J	U	U	10
Acetone	11	200B	77B	10
Carbon Disulfide	.5J	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	12	14B	16B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	11	15	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	3J	U	10
Toluene	U	1J	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	16	2J	10
2-Hexanone	U	U	3J	10
Dibromochloromethane	U	U	U	10
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil

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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-13/7-9/01	C-17/1 8-20/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTS	002295B-08	002295B-10	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.00	1.01	1.07	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-17/1 8-20/01 MS	C-17/1 8-20/01 MSD 002295B-10	C-16/8-10/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-10MS	MSD	002295B-11	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.18	1.00	1.12	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	53X	45X	U	10
1,1,2-Trichloro-1,2,2-trifluor	U	U	U	10
Acetone	98B	56B	49B	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	19B	19B	16B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	14	13	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	64X	56X	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	59X	51X	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	59X	51X	.6J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	6J	4J	5J	10
2-Hexanone	U	3J	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

Soil

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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-17/1 8-20/01 MS	C-17/1 8-20/01 MSD 002295B-10	C-16/8-10/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-10MS	MSD	002295B-11	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.18	1.00	1.12	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	58X	51X	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-18/8-10/01	C-19/10.2 5-12.25/01	C-19/14. 5-16.5/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-13	002295B-14	002295B-15	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.17	1.16	1.22	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	47B	45B	47B	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	24B	22B	19B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	7J	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	1J	U	1J	10
Toluene	U	.6J	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	6J	7J	10J	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-18/8-10/01	C-19/10.2 5-12.25/01	C-19/14. 5-16.5/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295B-13	002295B-14	002295B-15	
Method Blank I.D.	VBLKTS	VBLKTS	VBLKTS	
Quant. Factor	1.17	1.16	1.22	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	.7J	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	2J	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/18/00	10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/23/00	10/23/00	10/23/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S.

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-15/1 6-18/01	C-17/2 2-24/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKJ	002295B-04	002295B-12	
Method Blank I.D.	VBLKKJ	VBLKKJ	VBLKKJ	
Quant. Factor	0.800	107.	16.6	
Dichlorodifluoromethane	U	U	U	1200
Chloromethane	U	U	U	1200
Vinyl Chloride	U	U	U	1200
Bromomethane	U	U	U	1200
Chloroethane	U	U	U	1200
Trichlorofluoromethane	U	U	U	1200
1,1-Dichloroethene	U	U	U	1200
1,1,2-Trichloro-1,2,2-trifluor	U	4900J	790J	1200
Acetone	U	440000	42000	1200
Carbon Disulfide	U	U	U	1200
Methyl Acetate	U	U	U	1200
Methylene Chloride	42J	80000JB	11000JB	1200
trans-1,2-Dichloroethene	U	U	U	1200
Methyl tert-Butyl Ether	U	U	U	1200
1,1-Dichloroethane	U	U	U	1200
cis-1,2-Dichloroethene	U	U	U	1200
2-Butanone	U	31000J	6100J	1200
Chloroform	U	U	U	1200
1,1,1-Trichloroethane	U	U	U	1200
Cyclohexane	U	U	U	1200
Carbon Tetrachloride	U	U	U	1200
Benzene	U	U	U	1200
1,2-Dichloroethane	U	U	U	1200
Trichloroethene	U	U	U	1200
Methylcyclohexane	U	12000J	3000J	1200
1,2-Dichloropropane	U	U	U	1200
Bromodichloromethane	U	U	U	1200
cis-1,3-Dichloropropene	U	U	U	1200
4-Methyl-2-Pentanone	U	U	U	1200
Toluene	U	U	U	1200
trans-1,3-Dichloropropene	U	U	U	1200
1,1,2-Trichloroethane	U	U	U	1200
Tetrachloroethene	U	2700000	230000	1200
2-Hexanone	U	U	U	1200
Dibromochloromethane	U	U	U	1200
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/24/00	10/24/00	10/24/00	

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.

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TABLE VO-1.9  
 7000-2295B  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-15/1 6-18/01	C-17/2 2-24/01	Quant. Limits with no Dilution
Lab Sample I.D.	VLKJKJ	002295B-04	002295B-12	
Method Blank I.D.	VLKJKJ	VLKJKJ	VLKJKJ	
Quant. Factor	0.800	107.	16.6	
1,2-Dibromoethane	U	U	U	1200
Chlorobenzene	U	U	U	1200
Ethylbenzene	U	U	260J	1200
Xylene (total)	U	U	6700J	1200
Styrene	U	U	U	1200
Bromoform	U	U	U	1200
Isopropylbenzene	U	U	870J	1200
1,1,2,2-Tetrachloroethane	U	U	U	1200
1,3-Dichlorobenzene	U	U	U	1200
1,4-Dichlorobenzene	U	U	U	1200
1,2-Dichlorobenzene	U	U	U	1200
1,2-Dibromo-3-chloropropane	U	U	U	1200
1,2,4-Trichlorobenzene	77J	U	U	1200
Date Received		10/17/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/24/00	10/24/00	10/24/00	

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  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKOK

Lab Sample Id: VBLKOK Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	23.94	46JN

Lab Sample Id: 002295B-09 Client Sample Id: FIELD BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295B-16 Client Sample Id: FB/10/16

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295B-17 Client Sample Id: EB/10/16

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295B-18 Client Sample Id: FB/10/17

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

TABLE VO-2.1  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKOK

Lab Sample Id: 002295B-19 Client Sample Id: EB/10/17

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295B-20 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

TABLE VO-2.2  
 7000-2295B  
 LEGGETTE, BRASHEARS & GRAHAM  
 VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKTR

Lab Sample Id: VBLKTR Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	20.61	14JN
110-54-3	HEXANE	7.11	6JN
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.59	5JN

Lab Sample Id: 002295B-01 Client Sample Id: C-11/6.75-8.75/01

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

Lab Sample Id: 002295B-02 Client Sample Id: C-5/12.5-16.5/01

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

Lab Sample Id: 002295B-03 Client Sample Id: C-9/12-14/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN	5.60	5J

Lab Sample Id: 002295B-05 Client Sample Id: C-15/13-16/01

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

See Appendix for qualifier definitions

TABLE VO-2.3  
 7000-2295B  
 LEGGETTE, BRASHEARS & GRAHAM  
 VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKTR

Lab Sample Id: 002295B-06 Client Sample Id: C-14/10.25-12.25/01

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

Lab Sample Id: 002295B-07 Client Sample Id: DUPLICATE 1

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN	9.12	7J

See Appendix for qualifier definitions

Soil

TABLE VO-2.4  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKTS

Lab Sample Id: VBLKTS      Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	20.59	16JN
	UNKNOWN SILOXANE	19.06	7J
556-67-2	CYCLOTETRAILOXANE, OCTAMETH	15.58	6JN
110-54-3	HEXANE	7.09	6JN

Lab Sample Id: 002295B-08      Client Sample Id: C-13/7-9/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
66-25-1	HEXANAL	13.51	92JN
110-62-3	PENTANAL	11.02	22JN
109-66-0	PENTANE	5.58	15JN

Lab Sample Id: 002295B-10      Client Sample Id: C-17/18-20/01

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

Lab Sample Id: 002295B-11      Client Sample Id: C-16/8-10/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
540-84-1	PENTANE, 2,2,4-TRIMETHYL-	9.08	8JN

Lab Sample Id: 002295B-13      Client Sample Id: C-18/8-10/01

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

See Appendix for qualifier definitions

TABLE VO-2.5  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKTS

Lab Sample Id: 002295B-14 Client Sample Id: C-19/10.25-12.25/01

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

Lab Sample Id: 002295B-15 Client Sample Id: C-19/14.5-16.5/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
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590-73-8	HEXANE, 2,2-DIMETHYL-	9.10	21JN
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See Appendix for qualifier definitions

TABLE VO-2.6  
7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil  
Medium

Related Method Blank: VBLKKJ

Lab Sample Id: VBLKKJ Client Sample Id: Method Blank

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

Lab Sample Id: 002295B-04 Client Sample Id: C-15/16-18/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN	18.92	560000J
	UNKNOWN CYCLIC ALKANE	18.03	500000J
	UNKNOWN CYCLIC ALKANE	17.60	330000J
	UNKNOWN	19.37	240000J
	UNKNOWN BRANCHED ALKANE	18.26	210000J
	UNKNOWN BRANCHED ALKANE	17.25	180000J
	UNKNOWN	17.88	170000J
	UNKNOWN CYCLIC ALKANE	17.39	160000J
678-91-7	CYCLOHEXANE, ETHYL-	17.49	150000JN
234-75-5	CYCLOHEXANE, 1,2,4-TRIMETHYL	18.71	120000JN
678-92-8	CYCLOHEXANE, PROPYL-	19.79	120000JN
876-23-9	CYCLOHEXANE, 1,2-DIMETHYL-,	16.48	110000JN
	UNKNOWN BRANCHED ALKANE	21.57	110000J
	UNKNOWN ALKANE	21.31	110000J
	UNKNOWN	19.72	83000J
	UNKNOWN BRANCHED ALKANE	21.05	75000J
696-29-7	CYCLOHEXANE, (1-METHYLETHYL)	19.64	74000JN
111-65-9	OCTANE	16.24	74000JN
207-04-7	CYCLOHEXANE, 1,4-DIMETHYL-,	16.69	69000JN

Lab Sample Id: 002295B-12 Client Sample Id: C-17/22-24/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN BRANCHED ALKANE	18.04	13000J

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).



## INORGANICS APPENDIX

### C - Concentration qualifiers

- U - Indicates analyte was not detected at method reporting limit.
- B - Indicates analyte result between IDL and contract required detection limit (CRDL)

### Q - QC qualifiers

- E - Reported value is estimated because of the presence of interference
- M - Duplicate injection precision not met
- N - Spiked sample recovery not within control limits
- S - The reported value was determined by the method of standard additions (MSA)
- W - Post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance
- \* - Duplicate analysis not within control limit
- + - Correlation coefficient for MSA is less than 0.995

### M - Method codes

- P - ICP
- A - Flame AA
- F - Furnace AA
- CV - Cold vapor AA (manual)
- C - Cyanide
- NR - Not Required
- NC - Not Calculated as per protocols

**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 STL-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.

**STL-Connecticut  
Certification Summary (as of April 2000)**

State	Agency	Category	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	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	388
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/Hazardous Waste	C231
Wisconsin	Department of Natural Resources	Wastewater	998355710

7000-2295B  
LEGGETTE, BRASHEARS & GRAHAM  
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
C-11/6.75-8.75/01	002295B-01	SOIL	10/13/00	10/13/00
C-5/12.5-16.5/01	002295B-02	SOIL	10/12/00	10/13/00
C-9/12-14/01	002295B-03	SOIL	10/12/00	10/13/00
C-15/16-18/01	002295B-04	SOIL	10/16/00	10/17/00
C-15/13-16/01	002295B-05	SOIL	10/16/00	10/17/00
C-14/10.25-12.25/01	002295B-06	SOIL	10/16/00	10/17/00
DUPLICATE 1	002295B-07	SOIL	10/16/00	10/17/00
C-13/7-9/01	002295B-08	SOIL	10/16/00	10/17/00
FIELD BLANK	002295B-09	WATER	10/16/00	10/17/00
C-17/18-20/01	002295B-10	SOIL	10/17/00	10/18/00
C-17/18-20/01	002295B-10MS	SOIL	10/17/00	10/18/00
C-17/18-20/01	002295B-10MSD	SOIL	10/17/00	10/18/00
C-16/8-10/01	002295B-11	SOIL	10/17/00	10/18/00
C-17/22-24/01	002295B-12	SOIL	10/17/00	10/18/00
C-18/8-10/01	002295B-13	SOIL	10/17/00	10/18/00
C-19/10.25-12.25/01	002295B-14	SOIL	10/17/00	10/18/00
C-19/14.5-16.5/01	002295B-15	SOIL	10/17/00	10/18/00
FB/10/16	002295B-16	SOIL	10/16/00	10/18/00
EB/10/16	002295B-17	SOIL	10/16/00	10/18/00
FB/10/17	002295B-18	SOIL	10/17/00	10/18/00
EB/10/17	002295B-19	SOIL	10/17/00	10/18/00
TRIP BLANK	002295B-20	SOIL	10/17/00	10/18/00

## STL CT ANALYTICAL SUMMARY

Page:1

Client ID: C-11/6.75-8.75/01, C-13/7-9/01, C-14/10.25-12.25/01, C-15/13-16/01, C-15/16-18/01, C-16/8-10/01, C-17/18-20/01, C-17/22-24/01, C-18/8-10/01, C-19/10.25-12.25/01, C-19/14.5-16.5/01, C-5/12.5-16.5/01, C-9/12-14/01, DUPLICATE 1, EB/10/16, EB/10/17 ..

Job Number: 7000-2295B

Date: 11/11/00

Qty	Matrix	Analysis	Description
3	SOIL	TOC-NILLOYD KAHN	Total Organic Carbon
21	SOIL	VOA-CLP4.2-TCL-30	TCL Volatile Organic
1	WATER	VOA-NCLP4.2-TCL	TCL Volatile Organic

**SEVERN  
TRENT  
SERVICES**

November 15, 2000

**STL Connecticut**  
128 Long Hill Cross Road  
Shelton, CT 06484

Tel: 203 929 8140  
Fax: 203 929 8142  
www.stl-inc.com

Mr. Paul Jobman  
LEGGETTE, BRASHEARS & GRAHAM  
126 Monroe Turnpike  
Trumbull, CT 06611

Dear Mr. Jobman :

Please find enclosed the analytical results of 22 sample(s) received at our laboratory on October 18-20, 2000. 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

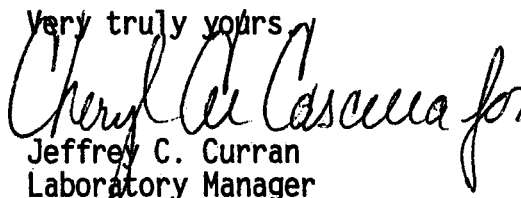
STL Report #7000-2295C	
Project ID: ROWE INDUSTRIES/SAG HARBOR	

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) 929-8140 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

0001

**7000-2295C**  
**LEGGETTE, BRASHEARS & GRAHAM**

**Case Narrative**

**Sample Receipt** – All samples were received in good condition and at proper temperature.

**Classical Chemistry** - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. Samples prepared following Lloyd Kahn, Determination of Total Carbon in Sediment, July 27, 1988. No analytical problems were encountered.

Analyte	Method	Reference
TOCD	9060	1

**References:**

1. Test Methods for the Evaluation of Solid Wastes, SW846, 3rd ed., 1986.

**Volatile Organics** – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM04.2. The instrumentation used was a Tekmar Model 2000/2016/3000 Concentrator/Archon 51/4552 autosampler interfaced with a Hewlett-Packard Model 5970A/5971A/5972A GC/MS/DS.

The column is a 75 meter J&W capillary column DB-624 with a 3.0u film thickness.

The column is a 60 meter Restek capillary column RTX-624 with a 1.4u film thickness.

The trap is a Voacarb 3000 with Carbopack B/Carboxen 1000 & 1001.

**Sample Calculation:**

Sample ID – C-23/9.5-11.5/01

**Compound – Acetone**

$$\begin{aligned} (155520)(250) (1.17) &= 51.79 = 52 \text{ ug/L} \\ (246024)(0.714)(5) & \end{aligned}$$

The following samples were analyzed as medium level soils due to high target compound concentrations: C-21/18-20/01, C-25/22-24/01, and C-21/16-18/01.

The samples were collected in 5 gram encore samplers as per client's requirements and in accordance with the 5035 Volatiles Appendix B section of the USEPA CLP OLM04.2 protocols.

TABLE VO-1.0  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	Method Blank	TRIP BLANK	EB/10/19	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKPP	002295C-13	002295C-14	
Method Blank I.D.	VBLKPP	VBLKPP	VBLKPP	
Quant. Factor	1.00	1.00	1.00	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	.5J	2JB	U	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	.5J	2JB	.3JB	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	.9J	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethane	U	U	U	10
2-Butanone	U	2J	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	U	.6J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	U	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/27/00	10/27/00	10/27/00	

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-1.0  
 7000-2295C  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Aqueous  
 page 2 of 2

All values are ug/L.

Client Sample I.D.	Method Blank	TRIP BLANK	EB/10/19	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKPP	002295C-13	002295C-14	
Method Blank I.D.	VBLKPP	VBLKPP	VBLKPP	
Quant. Factor	1.00	1.00	1.00	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/27/00	10/27/00	10/27/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 1 of 2

All values are ug/L.

Client Sample I.D.	FB/10/19	TRIP BLANK		Quant. Limits with no Dilution
Lab Sample I.D.	002295C-15	002295C-16		
Method Blank I.D.	VBLKPP	VBLKPP		
Quant. Factor	1.00	1.00		
Dichlorodifluoromethane	U	U		10
Chloromethane	U	U		10
Vinyl Chloride	U	U		10
Bromomethane	U	U		10
Chloroethane	U	U		10
Trichlorofluoromethane	U	U		10
1,1-Dichloroethene	U	U		10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	.2J		10
Acetone	5JB	U		10
Carbon Disulfide	U	U		10
Methyl Acetate	U	U		10
Methylene Chloride	2JB	2JB		10
trans-1,2-Dichloroethene	U	U		10
Methyl tert-Butyl Ether	U	U		10
1,1-Dichloroethane	U	U		10
cis-1,2-Dichloroethane	U	U		10
2-Butanone	U	U		10
Chloroform	U	U		10
1,1,1-Trichloroethane	U	U		10
Cyclohexane	U	U		10
Carbon Tetrachloride	U	U		10
Benzene	U	U		10
1,2-Dichloroethane	U	U		10
Trichloroethene	U	U		10
Methylcyclohexane	U	U		10
1,2-Dichloropropane	U	U		10
Bromodichloromethane	U	U		10
cis-1,3-Dichloropropene	U	U		10
4-Methyl-2-Pentanone	U	U		10
Toluene	U	U		10
trans-1,3-Dichloropropene	U	U		10
1,1,2-Trichloroethane	U	U		10
Tetrachloroethene	U	U		10
2-Hexanone	U	U		10
Dibromochloromethane	U	U		10
Date Received	10/20/00	10/20/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/27/00	10/27/00		

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Aqueous  
page 2 of 2

All values are ug/L.

Client Sample I.D.	FB/10/19	TRIP BLANK		Quant. Limits with no Dilution
Lab Sample I.D.	002295C-15	002295C-16		
Method Blank I.D.	VBLKKP	VBLKKP		
Quant. Factor	1.00	1.00		
1,2-Dibromoethane	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Xylene (total)	U	U		10
Styrene	U	U		10
Bromoform	U	U		10
Isopropylbenzene	U	U		10
1,1,2,2-Tetrachloroethane	U	U		10
1,3-Dichlorobenzene	U	U		10
1,4-Dichlorobenzene	U	U		10
1,2-Dichlorobenzene	U	U		10
1,2-Dibromo-3-chloropropane	U	U		10
1,2,4-Trichlorobenzene	U	U		10
Date Received	10/20/00	10/20/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/27/00	10/27/00		

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D. Lab Sample I.D. Method Blank I.D. Quant. Factor	Method Blank VBLKTR VBLKTR 1.00	DUPLICATE 2 002295C-12 VBLKTR 0.969		Quant. Limits with no Dilution
Dichlorodifluoromethane	U	U		10
Chloromethane	U	U		10
Vinyl Chloride	U	U		10
Bromomethane	U	U		10
Chloroethane	U	U		10
Trichlorofluoromethane	U	U		10
1,1-Dichloroethene	U	U		10
1,1,2-Trichloro-1,2,2-trifluoroethane	2J	U		10
Acetone	U	U		10
Carbon Disulfide	U	U		10
Methyl Acetate	U	U		10
Methylene Chloride	16	7JB		10
trans-1,2-Dichloroethene	U	U		10
Methyl tert-Butyl Ether	U	U		10
1,1-Dichloroethane	U	U		10
cis-1,2-Dichloroethene	U	U		10
2-Butanone	U	U		10
Chloroform	U	U		10
1,1,1-Trichloroethane	U	U		10
Cyclohexane	U	U		10
Carbon Tetrachloride	U	U		10
Benzene	U	U		10
1,2-Dichloroethane	U	U		10
Trichloroethene	U	U		10
Methylcyclohexane	U	U		10
1,2-Dichloropropane	U	U		10
Bromodichloromethane	U	U		10
cis-1,3-Dichloropropene	U	U		10
4-Methyl-2-Pentanone	U	U		10
Toluene	U	U		10
trans-1,3-Dichloropropene	U	U		10
1,1,2-Trichloroethane	U	U		10
Tetrachloroethene	U	11		10
2-Hexanone	U	U		10
Dibromochloromethane	U	U		10
Date Received		10/19/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/20/00	10/20/00		

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	DUPLICATE 2		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKTR	002295C-12		
Method Blank I.D.	VBLKTR	VBLKTR		
Quant. Factor	1.00	0.969		
1,2-Dibromoethane	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Xylene (total)	U	U		10
Styrene	U	U		10
Bromoform	U	U		10
Isopropylbenzene	U	U		10
1,1,2,2-Tetrachloroethane	U	U		10
1,3-Dichlorobenzene	U	U		10
1,4-Dichlorobenzene	U	U		10
1,2-Dichlorobenzene	U	U		10
1,2-Dibromo-3-chloropropane	U	U		10
1,2,4-Trichlorobenzene	U	U		10
Date Received		10/19/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/20/00	10/20/00		

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-26/8-10/01	C-26/1 2-14/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKT1	002295C-06	002295C-07	
Method Blank I.D.	VBLKT1	VBLKT1	VBLKT1	
Quant. Factor	1.00	1.16	1.25	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	2J	U	U	10
Acetone	U	34	33	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	11	18B	18B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	4J	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	1J	10
Toluene	U	.5J	.6J	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	2J	5JB	25B	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/25/00	10/25/00	10/25/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-26/8-10/01	C-26/1 2-14/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKT1	002295C-06	002295C-07	
Method Blank I.D.	VBLKT1	VBLKT1	VBLKT1	
Quant. Factor	1.00	1.16	1.25	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	.6J	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/25/00	10/25/00	10/25/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-23/9.5 -11.5/01	C-23/10. 5-12.5/01	C-24/1 2-14/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295C-08	002295C-09	002295C-10	
Method Blank I.D.	VBLKT1	VBLKT1	VBLKT1	
Quant. Factor	1.18	1.07	1.19	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	52	49	16	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	14B	19B	14B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	2J	2J	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	1J	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	2J	2J	1J	10
Toluene	U	.6J	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	19B	9JB	U	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/19/00	10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/25/00	10/25/00	10/25/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-23/9.5 -11.5/01	C-23/10. 5-12.5/01	C-24/1 2-14/01	Quant. Limits with no Dilution
Lab Sample I.D.	002295C-08	002295C-09	002295C-10	
Method Blank I.D.	VBLKT1	VBLKT1	VBLKT1	
Quant. Factor	1.18	1.07	1.19	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/19/00	10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/25/00	10/25/00	10/25/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	C-25/8-10/01			Quant. Limits with no Dilution
Lab Sample I.D.	002295C-20			
Method Blank I.D.	VBLKT1			
Quant. Factor	1.02			
Dichlorodifluoromethane	U			10
Chloromethane	U			10
Vinyl Chloride	U			10
Bromomethane	U			10
Chloroethane	U			10
Trichlorofluoromethane	U			10
1,1-Dichloroethene	U			10
1,1,2-Trichloro-1,2,2-trifluoroethane	U			10
Acetone	48			10
Carbon Disulfide	U			10
Methyl Acetate	U			10
Methylene Chloride	12B			10
trans-1,2-Dichloroethene	U			10
Methyl tert-Butyl Ether	U			10
1,1-Dichloroethane	U			10
cis-1,2-Dichloroethene	U			10
2-Butanone	U			10
Chloroform	U			10
1,1,1-Trichloroethane	U			10
Cyclohexane	U			10
Carbon Tetrachloride	U			10
Benzene	U			10
1,2-Dichloroethane	U			10
Trichloroethene	U			10
Methylcyclohexane	U			10
1,2-Dichloropropane	U			10
Bromodichloromethane	U			10
cis-1,3-Dichloropropene	U			10
4-Methyl-2-Pentanone	1J			10
Toluene	U			10
trans-1,3-Dichloropropene	U			10
1,1,2-Trichloroethane	U			10
Tetrachloroethene	1JB			10
2-Hexanone	U			10
Dibromochloromethane	U			10
Date Received	10/20/00			
Date Extracted	N/A			
Date Analyzed	10/25/00			

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-25/8-10/01			
Lab Sample I.D.	002295C-20			Quant. Limits with no Dilution
Method Blank I.D.	VBLKT1			
Quant. Factor	1.02			
1,2-Dibromoethane	U			10
Chlorobenzene	U			10
Ethylbenzene	U			10
Xylene (total)	U			10
Styrene	U			10
Bromoform	U			10
Isopropylbenzene	U			10
1,1,2,2-Tetrachloroethane	U			10
1,3-Dichlorobenzene	U			10
1,4-Dichlorobenzene	U			10
1,2-Dichlorobenzene	U			10
1,2-Dibromo-3-chloropropane	U			10
1,2,4-Trichlorobenzene	U			10
Date Received	10/20/00			
Date Extracted	N/A			
Date Analyzed	10/25/00			

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
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All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-20/8-10/01	C-20/1 0-12/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKT2	002295C-01	002295C-02	
Method Blank I.D.	VBLKT2	VBLKT2	VBLKT2	
Quant. Factor	1.00	1.17	1.42	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	2J	U	U	10
Acetone	14	100B	34B	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	15	14B	20B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	13	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	4J	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	1J	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	U	U	U	10
Toluene	U	.7J	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	U	52	25	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received		10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-20/8-10/01	C-20/1 0-12/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKT2	002295C-01	002295C-02	
Method Blank I.D.	VBLKT2	VBLKT2	VBLKT2	
Quant. Factor	1.00	1.17	1.42	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	2J	U	10
Styrene	U	.7J	.8J	10
Bromoform	U	U	U	10
Isopropylbenzene	U	.6J	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received		10/18/00	10/18/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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.

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-20/1 6-18/01	C-21/8-10/01	C-26/1 2-14/01 MS	Quant. Limits with no Dilution
Lab Sample I.D.	002295C-03	002295C-04	002295C-07MS	
Method Blank I.D.	VBLKT2	VBLKT2	VBLKT2	
Quant. Factor	1.28	1.12	1.24	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	U	U	56X	10
1,1,2-Trichloro-1,2,2-trifluor	U	U	U	10
Acetone	87B	210B	44B	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	27B	25B	22B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	24	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	U	U	3J	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	U	U	64X	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	U	U	60X	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	1J	2J	1J	10
Toluene	U	.5J	58X	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	2J	5J	11J	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/18/00	10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-20/1 6-18/01	C-21/8-10/01	C-26/1 2-14/01 MS	Quant. Limits with no Dilution
Lab Sample I.D.	002295C-03	002295C-04	002295C-07MS	
Method Blank I.D.	VBLKT2	VBLKT2	VBLKT2	
Quant. Factor	1.28	1.12	1.24	
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	U	U	56X	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	U	U	10
Bromoform	U	U	U	10
Isopropylbenzene	U	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/18/00	10/19/00	10/19/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-26/1 2-14/01 MSD 002295C-07	C-24A/1 0-14/01	C-25A/2 2-24/01	Quant. Limits with no Dilution
Lab Sample I.D.	MSD	002295C-11	002295C-17	
Method Blank I.D.	VBLKT2	VBLKT2	VBLKT2	
Quant. Factor	1.28	1.37	1.19	
Dichlorodifluoromethane	U	U	U	10
Chloromethane	U	U	U	10
Vinyl Chloride	U	U	U	10
Bromomethane	U	U	U	10
Chloroethane	U	U	U	10
Trichlorofluoromethane	U	U	U	10
1,1-Dichloroethene	57X	U	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10
Acetone	79B	48B	47B	10
Carbon Disulfide	U	U	U	10
Methyl Acetate	U	U	U	10
Methylene Chloride	27B	21B	24B	10
trans-1,2-Dichloroethene	U	U	U	10
Methyl tert-Butyl Ether	U	U	U	10
1,1-Dichloroethane	U	U	U	10
cis-1,2-Dichloroethene	U	U	U	10
2-Butanone	U	U	U	10
Chloroform	U	U	U	10
1,1,1-Trichloroethane	3J	U	U	10
Cyclohexane	U	U	U	10
Carbon Tetrachloride	U	U	U	10
Benzene	65X	U	U	10
1,2-Dichloroethane	U	U	U	10
Trichloroethene	62X	U	U	10
Methylcyclohexane	U	U	U	10
1,2-Dichloropropane	U	U	U	10
Bromodichloromethane	U	U	U	10
cis-1,3-Dichloropropene	U	U	U	10
4-Methyl-2-Pentanone	3J	2J	U	10
Toluene	60X	U	U	10
trans-1,3-Dichloropropene	U	U	U	10
1,1,2-Trichloroethane	U	U	U	10
Tetrachloroethene	10J	U	2J	10
2-Hexanone	U	U	U	10
Dibromochloromethane	U	U	U	10
Date Received	10/19/00	10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D. Lab Sample I.D. Method Blank I.D. Quant. Factor	C-26/1 2-14/01 MSD 002295C-07 MSD VBLKT2 1.28	C-24A/1 0-14/01 002295C-11 VBLKT2 1.37	C-25A/2 2-24/01 002295C-17 VBLKT2 1.19	Quant. Limits with no Dilution
1,2-Dibromoethane	U	U	U	10
Chlorobenzene	58X	U	U	10
Ethylbenzene	U	U	U	10
Xylene (total)	U	U	U	10
Styrene	U	.5J	U	10
Bromoform	U	U	U	10
Isopropylbenzene	.5J	U	U	10
1,1,2,2-Tetrachloroethane	U	U	U	10
1,3-Dichlorobenzene	U	U	U	10
1,4-Dichlorobenzene	U	U	U	10
1,2-Dichlorobenzene	U	U	U	10
1,2-Dibromo-3-chloropropane	U	U	U	10
1,2,4-Trichlorobenzene	U	U	U	10
Date Received	10/19/00	10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-21/1 8-20/01	C-22/1 6-18/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKN	002295C-05	002295C-18	
Method Blank I.D.	VBLKKN	VBLKKN	VBLKKN	
Quant. Factor	0.800	1.69	220.	
Dichlorodifluoromethane	U	U	U	1200
Chloromethane	U	U	U	1200
Vinyl Chloride	U	U	U	1200
Bromomethane	U	U	U	1200
Chloroethane	U	U	U	1200
Trichlorofluoromethane	U	U	U	1200
1,1-Dichloroethene	U	U	U	1200
1,1,2-Trichloro-1,2,2-trifluoroethane	U	38J	11000J	1200
Acetone	U	2100	390000	1200
Carbon Disulfide	U	U	U	1200
Methyl Acetate	U	U	U	1200
Methylene Chloride	37J	680JB	140000JB	1200
trans-1,2-Dichloroethene	U	U	U	1200
Methyl tert-Butyl Ether	U	U	U	1200
1,1-Dichloroethane	U	U	U	1200
cis-1,2-Dichloroethene	U	U	U	1200
2-Butanone	U	1200J	U	1200
Chloroform	U	U	U	1200
1,1,1-Trichloroethane	U	U	U	1200
Cyclohexane	U	U	U	1200
Carbon Tetrachloride	U	U	U	1200
Benzene	U	U	U	1200
1,2-Dichloroethane	U	U	U	1200
Trichloroethene	U	U	3600J	1200
Methylcyclohexane	U	U	20000J	1200
1,2-Dichloropropane	U	U	U	1200
Bromodichloromethane	U	U	U	1200
cis-1,3-Dichloropropene	U	U	U	1200
4-Methyl-2-Pentanone	U	U	U	1200
Toluene	U	U	U	1200
trans-1,3-Dichloropropene	U	U	U	1200
1,1,2-Trichloroethane	U	U	U	1200
Tetrachloroethene	U	30000	4200000	1200
2-Hexanone	U	U	U	1200
Dibromochloromethane	U	U	U	1200
Date Received		10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-21/1 8-20/01	C-22/1 6-18/01	Quant. Limits with no Dilution
Lab Sample I.D.	VBLKKN	002295C-05	002295C-18	
Method Blank I.D.	VBLKKN	VBLKKN	VBLKKN	
Quant. Factor	0.800	1.69	220.	
1,2-Dibromoethane	U	U	U	1200
Chlorobenzene	U	U	U	1200
Ethylbenzene	U	U	U	1200
Xylene (total)	U	U	U	1200
Styrene	U	U	U	1200
Bromoform	U	U	U	1200
Isopropylbenzene	U	U	U	1200
1,1,2,2-Tetrachloroethane	U	U	U	1200
1,3-Dichlorobenzene	U	U	U	1200
1,4-Dichlorobenzene	U	U	U	1200
1,2-Dichlorobenzene	U	U	U	1200
1,2-Dibromo-3-chloropropane	U	U	U	1200
1,2,4-Trichlorobenzene	U	U	U	1200
Date Received		10/19/00	10/20/00	
Date Extracted	N/A	N/A	N/A	
Date Analyzed	10/26/00	10/26/00	10/26/00	

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 1 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-25/2 2-24/01			Quant. Limits with no Dilution
Lab Sample I.D.	002295C-19			
Method Blank I.D.	VBLKKN			
Quant. Factor	1.25			
Dichlorodifluoromethane	U			1200
Chloromethane	U			1200
Vinyl Chloride	U			1200
Bromomethane	U			1200
Chloroethane	U			1200
Trichlorofluoromethane	U			1200
1,1-Dichloroethene	U			1200
1,1,2-Trichloro-1,2,2-trifluor	140J			1200
Acetone	1800			1200
Carbon Disulfide	U			1200
Methyl Acetate	U			1200
Methylene Chloride	680JB			1200
trans-1,2-Dichloroethene	U			1200
Methyl tert-Butyl Ether	U			1200
1,1-Dichloroethane	U			1200
cis-1,2-Dichloroethene	U			1200
2-Butanone	U			1200
Chloroform	U			1200
1,1,1-Trichloroethane	U			1200
Cyclohexane	U			1200
Carbon Tetrachloride	U			1200
Benzene	U			1200
1,2-Dichloroethane	U			1200
Trichloroethene	27J			1200
Methylcyclohexane	U			1200
1,2-Dichloropropane	U			1200
Bromodichloromethane	U			1200
cis-1,3-Dichloropropene	U			1200
4-Methyl-2-Pentanone	U			1200
Toluene	U			1200
trans-1,3-Dichloropropene	U			1200
1,1,2-Trichloroethane	U			1200
Tetrachloroethene	3100			1200
2-Hexanone	U			1200
Dibromochloromethane	U			1200
Date Received	10/20/00			
Date Extracted	N/A			
Date Analyzed	10/26/00			

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

Soil  
Medium  
page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D.	C-25/2 2-24/01			
Lab Sample I.D.	002295C-19			Quant. Limits with no Dilution
Method Blank I.D.	VBLKKN			
Quant. Factor	1.25			
1,2-Dibromoethane	U			1200
Chlorobenzene	U			1200
Ethylbenzene	U			1200
Xylene (total)	U			1200
Styrene	U			1200
Bromoform	U			1200
Isopropylbenzene	U			1200
1,1,2,2-Tetrachloroethane	U			1200
1,3-Dichlorobenzene	U			1200
1,4-Dichlorobenzene	U			1200
1,2-Dichlorobenzene	U			1200
1,2-Dibromo-3-chloropropane	U			1200
1,2,4-Trichlorobenzene	U			1200
Date Received	10/20/00			
Date Extracted	N/A			
Date Analyzed	10/26/00			

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  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Aqueous

Related Method Blank: VBLKPP

Lab Sample Id: VBLKPP Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295C-13 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295C-14 Client Sample Id: EB/10/19

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295C-15 Client Sample Id: FB/10/19

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

Lab Sample Id: 002295C-16 Client Sample Id: TRIP BLANK

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/L</u>
NONE DETECTED			

See Appendix for qualifier definitions

TABLE VO-2.1  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKTR

Lab Sample Id: VBLKTR Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	20.61	14JN
110-54-3	HEXANE	7.11	6JN
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.59	5JN

Lab Sample Id: 002295C-12 Client Sample Id: DUPLICATE 2

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.60	6JNB

See Appendix for qualifier definitions

TABLE VO-2.2  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKT1

Lab Sample Id: VBLKT1    Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
556-67-2	CYCLOTETRAISILOXANE, OCTAMETH	15.58	9JN
110-54-3	HEXANE	7.11	6JN

Lab Sample Id: 002295C-06    Client Sample Id: C-26/8-10/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
590-73-8	HEXANE, 2,2-DIMETHYL-	9.12	23JN

Lab Sample Id: 002295C-07    Client Sample Id: C-26/12-14/01

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

Lab Sample Id: 002295C-08    Client Sample Id: C-23/9.5-11.5/01

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

Lab Sample Id: 002295C-09    Client Sample Id: C-23/10.5-12.5/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN BRANCHED ALKANE	9.12	6J
	UNKNOWN	7.12	5J

See Appendix for qualifier definitions

TABLE VO-2.3  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKT1

Lab Sample Id: 002295C-10    Client Sample Id: C-24/12-14/01

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

Lab Sample Id: 002295C-20    Client Sample Id: C-25/8-10/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
	UNKNOWN BRANCHED ALKANE	9.11	7J

See Appendix for qualifier definitions

TABLE VO-2.4  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKT2

Lab Sample Id: VBLKT2      Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
128-37-0	BUTYLATED HYDROXYTOLUENE	20.60	19JN
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.58	8JN
	UNKNOWN SILOXANE	19.08	7J
110-54-3	HEXANE	7.12	5JN

Lab Sample Id: 002295C-01      Client Sample Id: C-20/8-10/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
66-25-1	HEXANAL	13.50	19JN

Lab Sample Id: 002295C-02      Client Sample Id: C-20/10-12/01

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

Lab Sample Id: 002295C-03      Client Sample Id: C-20/16-18/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.58	13JNB

Lab Sample Id: 002295C-04      Client Sample Id: C-21/8-10/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
590-73-8	HEXANE, 2,2-DIMETHYL-	9.10	15JN
	UNKNOWN	7.09	7J
100-52-7	BENZALDEHYDE	18.05	6JN
	UNKNOWN	5.58	6J
66-25-1	HEXANAL	13.52	6JN

See Appendix for qualifier definitions

TABLE VO-2.5  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil

Related Method Blank: VBLKT2

Lab Sample Id: 002295C-11 Client Sample Id: C-24A/10-14/01

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

Lab Sample Id: 002295C-17 Client Sample Id: C-25A/22-24/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
540-84-1	PENTANE, 2,2,4-TRIMETHYL-	9.10	16JN
109-66-0	PENTANE	5.58	8JN

See Appendix for qualifier definitions

TABLE VO-2.9  
7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Soil  
Medium

Related Method Blank: VBLKKN

Lab Sample Id: VBLKKN    Client Sample Id: Method Blank

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

Lab Sample Id: 002295C-05    Client Sample Id: C-21/18-20/01

CAS#	Compound	RT	Estimated Conc., ug/Kg
128-37-0	BUTYLATED HYDROXYTOLUENE	21.57	1200JN

Lab Sample Id: 002295C-18    Client Sample Id: C-22/16-18/01

CAS#	Compound	RT	Estimated Conc., ug/Kg
	UNKNOWN CYCLIC ALKANE	18.90	280000J
	UNKNOWN CYCLIC ALKANE	18.00	160000J
73-66-3	CYCLOHEXANE, 1,1,3-TRIMETHYL	17.56	150000JN
128370	BUTYLATED HYDROXYTOLUENE	21.74	13000JN

Lab Sample Id: 002295C-19    Client Sample Id: C-25/22-24/01

CAS#	Compound	RT	Estimated Conc., ug/Kg
128-37-0	BUTYLATED HYDROXYTOLUENE	21.77	1600JN
667-60-9	CYCLOHEXANE, 1,2,4-TRIMETHYL	17.97	1000JN
	UNKNOWN CYCLIC ALKANE	18.89	810J
	UNKNOWN CYCLIC ALKANE	17.55	780J

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/rochlor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).



## INORGANICS APPENDIX

### C - Concentration qualifiers

- U - Indicates analyte was not detected at method reporting limit.
- B - Indicates analyte result between IDL and contract required detection limit (CRDL)

### Q - QC qualifiers

- E - Reported value is estimated because of the presence of interference
- M - Duplicate injection precision not met
- N - Spiked sample recovery not within control limits
- S - The reported value was determined by the method of standard additions (MSA)
- W - Post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance
- \* - Duplicate analysis not within control limit
- + - Correlation coefficient for MSA is less than 0.995

### M - Method codes

- P - ICP
- A - Flame AA
- F - Furnace AA
- CV - Cold vapor AA (manual)
- C - Cyanide
- NR - Not Required
- NC - Not Calculated as per protocols

## 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 STL-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.

### STL-Connecticut Certification Summary (as of April 2000)

State	Agency	Category	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	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	388
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/Hazardous Waste	C231
Wisconsin	Department of Natural Resources	Wastewater	998355710

7000-2295C  
LEGGETTE, BRASHEARS & GRAHAM  
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
C-20/8-10/01	002295C-01	SOIL	10/17/00	10/18/00
C-20/10-12/01	002295C-02	SOIL	10/17/00	10/18/00
C-20/16-18/01	002295C-03	SOIL	10/17/00	10/18/00
C-21/8-10/01	002295C-04	SOIL	10/17/00	10/19/00
C-21/18-20/01	002295C-05	SOIL	10/17/00	10/19/00
C-26/8-10/01	002295C-06	SOIL	10/18/00	10/19/00
C-26/12-14/01	002295C-07	SOIL	10/18/00	10/19/00
C-26/12-14/01	002295C-07MS	SOIL	10/18/00	10/19/00
C-26/12-14/01	002295C-07MSD	SOIL	10/18/00	10/19/00
C-23/9.5-11.5/01	002295C-08	SOIL	10/18/00	10/19/00
C-23/10.5-12.5/01	002295C-09	SOIL	10/18/00	10/19/00
C-24/12-14/01	002295C-10	SOIL	10/18/00	10/19/00
C-24A/10-14/01	002295C-11	SOIL	10/18/00	10/19/00
DUPLICATE 2	002295C-12	SOIL	10/18/00	10/19/00
TRIP BLANK	002295C-13	WATER	10/18/00	10/19/00
EB/10/19	002295C-14	WATER	10/19/00	10/20/00
FB/10/19	002295C-15	WATER	10/19/00	10/20/00
TRIP BLANK	002295C-16	WATER	10/19/00	10/20/00
C-25A/22-24/01	002295C-17	SOIL	10/19/00	10/20/00
C-21/16-18/01	002295C-18	SOIL	10/19/00	10/20/00
C-25/22-24/01	002295C-19	SOIL	10/19/00	10/20/00
C-25/8-10/01	002295C-20	SOIL	10/19/00	10/20/00

STL CT ANALYTICAL SUMMARY

Page:1

Client ID: C-20/10-12/01, C-20/16-18/01, C-20/8-10/01, C-21/16-18/01, C-21/18-20/01, C-21/8-10/01, C-23/10.5-12.5/01, C-23/9.5-11.5/01, C-24/12-14/01, C-24A/10-14/01, C-25/22-24/01, C-25/8-10/01, C-25A/22-24/01, C-26/12-14/01, C-26/8-10/01, DUPLICATE 2 ...  
Job Number: 7000-2295C

Date: 11/16/100

Qty	Matrix	Analysis	Description
1	SOIL	TOC-NLLOYD KAHN	Total Organic Carbon
18	SOIL	VOA-CLP4.2-TCL-30	TCL Volatile Organic
4	WATER	VOA-CLP4.2-TCL-30	TCL Volatile Organic

RECEIVED

NOV 28 2000

STL Connecticut, Inc.



November 22, 2000

**STL Connecticut**  
128 Long Hill Cross Road  
Shelton, CT 06484

Tel: 203 929 8140  
Fax: 203 929 8142  
www.stl-inc.com

Mr. Paul Jobman  
LEGGETTE, BRASHEARS & GRAHAM  
126 Monroe Turnpike  
Trumbull, CT 06611

Dear Mr. Jobman :

Please find enclosed the analytical results of 1 sample(s) received at our laboratory on October 20, 2000. 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 #7000-2295D	
Project ID: ROWE INDUSTRIES/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) 929-8140 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

7000-2295D  
**LEGGETTE, BRASHEARS & GRAHAM**

**SEVERN  
 TRENT  
 SERVICES**

**Case Narrative**

**Sample Receipt** – All samples were received in good condition and at proper temperature. <sup>STL Connecticut</sup>

**Classical Chemistry** - Listed below are the wet chemistry analyte methods and references for the samples analyzed in this SDG. Samples prepared following Lloyd Kahn, Determination of Total Carbon in Sediment, July 27, 1988. No analytical problems were encountered.

Analyte	Method	Reference
TOCD	9060	1

**References:**

1. Test Methods for the Evaluation of Solid Wastes, SW846, 3rd ed., 1986.

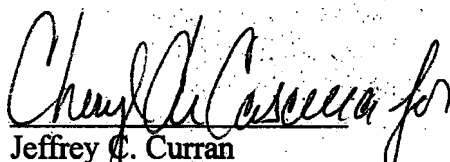
**Volatile Organics** – Volatile organics were determined by purge and trap GC/MS using USEPA CLP Protocols, OLM04.2. The instrumentation used was a Tekmar Model 3000 Concentrator/Archon 4552 autosampler interfaced with a Hewlett-Packard Model 5972A GC/MS/DS.

The column is a 60 meter Restek capillary column RTX-624 with a 1.4u film thickness.

The trap is a Voacarb 3000 with Carbopack B/Carboxen 1000 & 1001.

The samples were collected in 5 gram encore samplers as per client's requirements and in accordance with the 5035 Volatiles Appendix B section of the USEPA CLP OLM04.2 protocols.

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

  
 Jeffrey C. Curran  
 Laboratory Manager

NOV 22, 2000  
 Date

1A

TABLE VO-1.0  
7000-2295D  
LEGGETTE, BRASHEARS & GRAHAM  
TCL VOLATILE ORGANICS + TIC'S

All values are ug/Kg dry weight basis.

Client Sample I.D.	Method Blank	C-12/1 2-14/01		Quant. Limits with no Dilution
Lab Sample I.D.	VBLKT1	002295D-01		
Method Blank I.D.	VBLKT1	VBLKT1		
Quant. Factor	1.00	1.03		
Dichlorodifluoromethane	U	U		10
Chloromethane	U	U		10
Vinyl Chloride	U	U		10
Bromomethane	U	U		10
Chloroethane	U	U		10
Trichlorofluoromethane	U	U		10
1,1-Dichloroethene	U	U		10
1,1,2-Trichloro-1,2,2-trifluoro	2J	U		10
Acetone	U	67		10
Carbon Disulfide	U	U		10
Methyl Acetate	U	U		10
Methylene Chloride	11	17B		10
trans-1,2-Dichloroethene	U	U		10
Methyl tert-Butyl Ether	U	U		10
1,1-Dichloroethane	U	U		10
cis-1,2-Dichloroethene	U	U		10
2-Butanone	U	U		10
Chloroform	U	U		10
1,1,1-Trichloroethane	U	U		10
Cyclohexane	U	U		10
Carbon Tetrachloride	U	U		10
Benzene	U	U		10
1,2-Dichloroethane	U	U		10
Trichloroethene	U	U		10
Methylcyclohexane	U	U		10
1,2-Dichloropropane	U	U		10
Bromodichloromethane	U	U		10
cis-1,3-Dichloropropene	U	U		10
4-Methyl-2-Pentanone	U	1J		10
Toluene	U	U		10
trans-1,3-Dichloropropene	U	U		10
1,1,2-Trichloroethane	U	U		10
Tetrachloroethene	2J	1JB		10
2-Hexanone	U	U		10
Dibromochloromethane	U	U		10
Date Received		10/20/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/25/00	10/25/00		

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.

1B

TABLE VO-1.0  
 7000-2295D  
 LEGGETTE, BRASHEARS & GRAHAM  
 TCL VOLATILE ORGANICS + TIC'S

Soil  
 page 2 of 2

All values are ug/Kg dry weight basis.

Client Sample I.D. Lab Sample I.D. Method Blank I.D. Quant. Factor	Method Blank  VBLKT1 VBLKT1 1.00	C-12/1 2-14/01  002295D-01 VBLKT1 1.03		Quant. Limits with no Dilution
1,2-Dibromoethane	U	U		10
Chlorobenzene	U	U		10
Ethylbenzene	U	U		10
Xylene (total)	U	U		10
Styrene	U	U		10
Bromoform	U	U		10
Isopropylbenzene	U	U		10
1,1,2,2-Tetrachloroethane	U	U		10
1,3-Dichlorobenzene	U	U		10
1,4-Dichlorobenzene	U	U		10
1,2-Dichlorobenzene	U	U		10
1,2-Dibromo-3-chloropropane	U	U		10
1,2,4-Trichlorobenzene	U	U		10
Date Received		10/20/00		
Date Extracted	N/A	N/A		
Date Analyzed	10/25/00	10/25/00		

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.

1C

Soil

TABLE VO-2.0  
 7000-2295D  
 LEGGETTE, BRASHEARS & GRAHAM  
 VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

Related Method Blank: VBLKT1

Lab Sample Id: VBLKT1 Client Sample Id: Method Blank

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
556-67-2	CYCLOTETRASILOXANE, OCTAMETH	15.58	9JN
110-54-3	HEXANE	7.11	6JN

Lab Sample Id: 002295D-01 Client Sample Id: C-12/12-14/01

<u>CAS#</u>	<u>Compound</u>	<u>RT</u>	<u>Estimated Conc., ug/Kg</u>
540-84-1	PENTANE, 2,2,4-TRIMETHYL-	9.12	11JN

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).**

## INORGANICS APPENDIX

### C - Concentration qualifiers

- U - Indicates analyte was not detected at method reporting limit.
- B - Indicates analyte result between IDL and contract required detection limit (CRDL)

### Q - QC qualifiers

- E - Reported value is estimated because of the presence of interference
- M - Duplicate injection precision not met
- N - Spiked sample recovery not within control limits
- S - The reported value was determined by the method of standard additions (MSA)
- W - Post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance
- \* - Duplicate analysis not within control limit
- + - Correlation coefficient for MSA is less than 0.995

### M - Method codes

- P - ICP
- A - Flame AA
- F - Furnace AA
- CV - Cold vapor AA (manual)
- C - Cyanide
- NR - Not Required
- NC - Not Calculated as per protocols

## 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 STL-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.

### STL-Connecticut Certification Summary (as of April 2000)

State	Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	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	388
Rhode Island	Department of Health	Chemistry...Non-Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/Hazardous Waste	C231
Wisconsin	Department of Natural Resources	Wastewater	998355710

7000-2295D  
LEGGETTE, BRASHEARS & GRAHAM  
SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVE
C-12/12-14/01	002295D-01	SOIL	10/19/00	10/20/00



**APPENDIX II**  
**GEOLOGIC LOGS**

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C1
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/10/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25 " diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C-1/16-18/01 sampled at 17 ft bg/14:08		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	4.0	0.0	SAND, medium to fine, brown.
4	8	MC	--	4.0	0.0	SAND, medium to fine, brown.
8	11	MC	--	3.0	0.0	SAND, medium to fine, brown.
11	14	MC	--	3.0	0.0	SAND, medium to fine, brown.
14	14.5	MC	--	0.5	0.0	SAND, medium to fine, brown , dry.
14.5	15	MC	--	0.5	0.0	CLAY, brown, dry.
15	18	MC	--	3.0	0.0	SAND, medium to fine, brown , dry.
18	18.5	MC	--	0.5	0.0	SAND, medium to fine, brown , dry.
18.5	18.8	MC	--	0.3	0.0	CLAY, brown, dry.
18.8	21	MC	--	2.2	0.0	SAND, medium to fine, brown.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C2
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/11/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Cutting and 1 bag sand	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b>	
	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-2/7-9/01 default sample taken @ 0900 from 8 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.3	MC	--	0.3	0.0	Blacktop.
0.3	4	MC	--	3.7	0.0	SAND, medium; brown; dry.
4	7.5	MC	--	4	0.0	SAND, medium; brown; dry.
7.5	11	MC	--	4	0.0	SAND, medium; brown; dry.
11	15	MC	--	4	0.0	SAND, medium; brown; dry.
15	15.3	MC	--	0.3	0.0	Rock.
15.3	16.6	MC	--	1.33	0.0	SAND, medium; brown; dry.
16.6	19	MC	--	2.4	0.0	CLAY.
19	23.5	MC	--	2.0	0.0	SAND, medium.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C3
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/11/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Cutting and 1 bag sand	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b>	
<b>DURATION:</b> <b>YIELD:</b>		
<b>REMARKS:</b> C-3/5.5-7.5/01 default sample taken @1053 from 6 ft.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.6	MC	--	0.6	0.0	Topsoil.
0.6	4	MC	--	3.4	0.0	SAND, fine to medium; brown; dry.
4	7	MC	--	3.3	0.0	SAND, fine to medium; trace coarse gravel; brown.
7	11	MC	--	3.4	0.0	SAND, fine to medium; brown; dry.
11	14	MC	--	2.8	0.0	SAND, fine to medium; brown; dry. Rock at tip (14).
14	15.5	MC	--	1.5	0.0	SAND, fine to medium; light brown; dry.
15.5	16.7	MC	--	1.2	0.0	CLAY; brown..
16.7	18	MC	--	1.3	0.0	SAND, fine to medium; light brown; dry.
18	20.7	MC	--	2.7	0.0	SAND, fine to medium; light brown; dry.
20.7	21.1	MC	--	0.4	0.0	CLAY; brown.
21.1	22	MC	--	0.9	0.0	SAND medium to coarse; and gravel; orange to brown; wet.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Rowe Industries
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> C4
<b>TRUMBULL, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/11/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b>	
<b>DURATION:</b> <b>YIELD:</b>		
<b>REMARKS:</b> C-4/12.5-16.5/01 default sample taken from 13.25 ft bg @ 1317.		
<b>ABBREVIATIONS:</b> SS = split spoon    W = wash    C = cuttings    G = grab    ST = shelly tube REC = Recovery    PPM = parts per million    MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.6	MC	--	0.6	0.0	Topsoil.
0.6	2.8	MC	--	2.2	0.0	SAND, medium to fine; brown.
3	7	MC	--	3.2	0.0	SAND, medium to fine, little gravel.
7	11	MC	--	3.8	0.0	SAND, medium to fine, little gravel.
11	15	MC	--	4.0	0.0	SAND, medium to fine, little gravel.
15	15.8	MC	--	0.8	0.0	SAND; fine to medium brown.
15.8	16.9	MC	--	1.1	0.0	CLAY; brown; dry.
16.9	19	MC	--	2.1	0.0	SAND, fine to medium; light brown; dry.
19	19.6	MC	--	0.6	0.0	SAND, fine to medium; light brown; dry.
19.6	20.7	MC	--	1.1	0.0	CLAY; brown; dry.
20.7	22.1	MC	--	1.4	0.0	SAND, fine to medium; light brown; dry.
22.1	22.4	MC	--	0.3	0.0	SAND medium to coarse; and gravel; brown; dry.
22.4	23	MC	--	0.6	0.0	SAND, fine to medium; brown; damp.
23	24.5	MC	--	1.2	0.0	SAND, medium to coarse; brown; wet @ 24 ft bg

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C5
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/11/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" & 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b>	
	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-5/12.5-16.5/01 collected at 14 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.6	MC	--	0.6	0.0	Topsoil.
0.6	4.0	MC	--	2.5	0.0	SAND, fine to medium; brown; dry; Rock at 4 ft (tip).
4	7	MC	--	2.8	0.0	SAND, fine to medium; brown; dry.
7	10	MC	--	3.1	0.0	SAND, fine to medium; brown; dry.
10	12	MC	--	2.0	0.0	SAND, fine to medium; brown; dry.
						Refusal; move to C-5A; Driving blind to refusal depth ~10 ft bg. C-5A; No samples obtained due to refusal.
C5		10/12/00	--	return to C5 location with 1.75" diameter macrocore		
10	14	MC	--	3.3	0.0	SAND; medium to coarse; brown; dry.
14	15	MC	--	1.0	0.0	SAND; medium to coarse; brown; dry.
15	17.2	MC	--	2.2	0.0	CLAY; some silt; brown; dry.
17.2	18	MC	--	0.8	0.0	SAND, fine to medium; light brown; dry.
18	22	MC	--	2.9	0.0	SAND; medium to coarse; brown; dry; wet at 21.8

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C6
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/12/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b>	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-6/6/5-8.5/01 sample collected 7.7 ft bg, TOC sample		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Post hole digger	--	--	--	SAND, fine to medium; brown; dry.
3	4.5	MC	--	1.5	0.0	SAND, fine to medium; little gravel; brown dry.
4.5	7	MC	--	2.5	0.0	SAND, fine to medium; brown; dry.
7	10.5	MC	--	3.5	0.0	SAND, fine to medium; brown; dry.
10.5	14.5	MC	--	4.0	0.0	SAND, fine to medium; brown; dry.
14.5	16.4	MC	--	1.9	0.0	SAND, fine to medium; little coarse gravel; brown; dry.
16.4	18	MC	--	1.6	0.0	CLAY; brown; dry.
18	18.75	MC	--	0.75	0.0	CLAY; brown; dry.
18.75	21	MC	--	2.25	0.0	SAND, medium to coarse; brown, dry.
21	23	MC		1.6	0.0	SAND and coarse; some coarse gravel; orange-brown; damp. Wet @ 22.8

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C7
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/12/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" & 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b>	
	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-7/7-9/01 default sample collected from 8.5 ft bg @ 0935.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Posthole digger	--	--	--	SAND, medium to coarse; brown; dry.
3	6.5	MC	--	3.5	0.0	SAND, medium to coarse; brown; dry.
6.5	9.5	MC	--	4.0	0.0	SAND, medium to coarse; brown; dry.
9.5	11.5	MC	--	2.5	0.0	SAND, medium to coarse; some medium to coarse gravel; brown; dry.
11.5	13	MC	--	2.25	0.0	SAND, fine to medium; brown; dry.
13	14	MC	--	2.0	0.0	SAND, fine to medium; trace medium gravel; brown; dry.
14	15.5	MC	--	2.8	0.0	SAND, fine to medium; trace medium gravel; brown; dry.
15.5	17	MC	--	1.5	0.0	SAND, fine to medium; trace medium gravel; brown; dry.
17	20	MC	--	2.5	0.0	SAND, fine to medium; trace medium gravel; brown; dry.
20	22	MC	--	2.0	0.0	SAND, fine to medium; trace medium gravel; brown; dry.
22	24	MC	--	2.0	0.0	SAND, coarse; some gravel; wet at 24 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C8
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/12/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b>	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-8/14.5-16.5/01 collected from 16 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Post hole digger	--	--	--	
3	7	MC	--	4	0.0	SAND, fine to medium dry, brown.
7	11	MC	--	3.6	0.0	SAND, fine to medium dry, brown.
11	15	MC	--	3.5	0.0	SAND, medium to coarse; dry; brown.
15	16	MC	--	1.0	0.0	SAND, fine to medium; light brown; dry.
16	16.4	MC	--	0.4	0.0	CLAY; brown; dry.
16.4	19	MC	--	2.6	0.0	SAND, medium to coarse; little coarse gravel; light brown; dry.
19	20	MC	--	1.0	0.0	SAND; light brown; fine to medium.
20	20.4	MC	--	0.4	0.0	CLAY; brown; dry.
20.4	24	MC	--	2.6	0.0	SAND, medium to coarse; wet @ 21 ftbg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C9
		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
<b>DATE COMPLETED:</b> 10/12/00	<b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>CASING SIZE &amp; TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SEAL TYPE:</b> --	
<b>ELEVATION OF RP:</b> --	<b>SETTING:</b> --	
<b>STICK-UP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>SURFACE COMPLETION:</b> Flush	<b>STATIC WATER LEVEL:</b> --	
<b>REMARKS:</b> C-9/12-14/01 sample collected from 13 ft bg.	<b>DEVELOPMENT METHOD:</b>	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore	<b>DURATION:</b> <b>YIELD:</b>	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.3	MC	--	0.3	0.0	Topsoil
0.3	0.8	MC	--	0.5	0.0	Asphalt.
0.8	4	MC	--	3.2	0.0	SAND, fine to medium; little coarse gravel; orange to brown; dry.
4	8	MC	--	3.6	0.0	SAND, fine to medium; little coarse gravel; orange to brown; dry.
8	12	MC	--	3.6	0.0	SAND, fine to medium; brown; dry.
12	13	MC	--	1.0	0.0	SAND, fine to medium; brown; dry.
13	13.4	MC	--	0.4	0.0	Crushed rock.
13.4	13.6	MC	--	0.2	0.0	SAND, fine to medium; red to dry.
13.6	16	MC	--	2.4	0.0	CLAY; some silt; brown; dry.
16	17.3	MC	--	1.3	0.0	CLAY; some silt; brown; damp.

OWNER: Rowe Industries

WELL NO.: C-9

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
17.3	20	MC	--	2.7	0.0	SAND; medium to coarse; brown; dry.
20	20.4	MC	--	0.4	0.0	SAND, fine to medium, brown; dry.
20.3	20.9	MC	--	0.5	0.0	CLAY, brown, dry.
20.9	24	MC	--	3.1	0.0	SAND, coarse to very coarse; rust color, wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C10
		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/13/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b>	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-10/4-6/01 sampled @ 5 ft bg at 08:34		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	2.6	0.0	SAND, fine to medium; brown; dry.
4	4.5	MC	--	0.5	0.0	GRAVEL, coarse; multicolored.
4.5	8	MC	--	3.5	0.0	SAND, fine to medium; little coarse gravel.
8	12	MC	--	3.1	0.0	SAND, fine to medium; trace coarse gravel; brown; dry.
12	12.85	MC	--	0.85	0.0	SAND, fine to medium; trace coarse gravel; brown; dry.
12.85	13	MC	--	0.15	0.0	SILT, some very fine sand, brown, dry.
13	14.3	MC	--	1.3	0.0	SAND, fine to medium; brown, dry.
1.3	14.7	MC	--	0.4	0.0	Gravel, crusted rock, some fine sand.
14.7	15	MC	--	0.3	0.0	SAND, medium; rust color; dry.
15	15.1	MC	--	0.1	0.0	CLAY, brown, dry.
15.1	16	MC	--	0.9	0.0	SAND, fine to medium; brown; dry.
16	18.2	MC	--	2.2	0.0	SAND, fine to medium; brown; dry.

OWNER: Rowe Industries

WELL NO.: C-9

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
18.2	18.4	MC	--	0.2	0.0	SAND, medium to coarse; light brown; dry.
18.4	20.2	MC	--	1.8	0.0	CLAY; brown; dry.
20.2	21	MC	--	0.8	0.0	SAND, fine to medium; brown; damp.
21	24	MC	--	3.0	0.0	SAND, medium to coarse; wet; light brown.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C11
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/13/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b>	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-11/6.75-8.75/01 default sampled at 7 ft bg @ 0735; C-11/24-26/01 sampled at 25 ft bg in H <sub>2</sub> O @0813.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	2.9	0.0	SAND, fine to medium; brown; dry.
4	8	MC	--	3.5	0.0	SAND, fine to medium; brown; dry.
8	12	MC	--	3.3	0.0	SAND, fine to medium; trace coarse gravel; brown; dry.
12	14	MC	--	2.0	0.0	SAND, fine to medium; trace coarse gravel; brown; dry.
14	15	MC	--	1.0	0.0	SILT; brown; dry.
15	15.6	MC	--	1.6	0.0	SAND, fine to medium; trace coarse gravel; brown; dry.
15.6	16	MC	--	0.4	0.0	Crushed rock.
16	17	MC	--	1.0	0.0	SAND fine and silt; brown; dry.
17	20.5	MC	--	3.5	0.0	CLAY; brown; dry.
20.5	24	MC	--	3.5	0.0	SAND coarse; light brown; dry.
24	26	MC	--	2.3	5.0	SAND coarse; orange-red stain; wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C12
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/19/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b>	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b>	<b>YIELD:</b>
<b>REMARKS:</b> C-12/12-14/01 default sampled at 13 ft bg @ 1030.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.4	MC	--	0.4	0.0	Topsoil.
0.4	4.0	MC	--	3.6	0.0	SAND and Gravel; fine to coarse; brown; dry.
4	8	MC	--	3.8	0.0	SAND, medium to coarse; some coarse gravel; brown; dry.
8	12	MC	--	3.3	0.0	SAND, medium to coarse; some coarse gravel; brown; dry.
12	16	MC	--	3.4	0.0	SAND, medium to coarse; brown; dry.
16	20	MC	--	3.1	0.0	SAND, medium to coarse; brown; dry.
20	23.2	MC	--	3.2	0.0	SAND, medium to coarse; brown; dry.
23.2	24	MC	--	0.8	0.0	CLAY, brown; wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C13
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/16/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b> --	<b>YIELD:</b> --
<b>REMARKS:</b> C-13/7-9/01 default sampled at 7.5 ft bg @ 1221.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Post hole digger	--	--	--	SAND, fine to medium; brown; dry.
3	7	MC	--	2.9	0.0	SAND, fine to medium; orange-brown; dry.
7	10	MC	--	3.7	0.0	SAND, fine to medium; orange-brown; dry.
10	11	MC	--	1.0	0.0	SAND, coarse; little coarse gravel; dry; brown.
11	13.5	MC	--	2.5	0.0	CLAY and silt; brown; dry.
13.5	14	MC	--	0.5	0.0	SAND, medium to coarse; light brown; dry.
14	18	MC	--	2.5	0.0	SAND, medium to coarse; light brown; dry.
18	18.5	MC	--	0.5	0.0	SAND; medium to coarse; orange-brown; dry.
18.5	19.8	MC	--	1.3	0.0	CLAY; brown; dry..
19.8	22	MC	--	2.2	0.0	SAND, medium to coarse; orange brown; wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C14
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/16/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 3.25" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C-14/10.25-12.25/01 default sample at 11.5 ft bg @ 1404.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Hand dig				
3	7	MC	--	2.7	0.0	SAND, medium to coarse; brown; dry.
7	10	MC	--	3.1	0.0	SAND, medium to coarse; brown; dry.
10	11.1	MC	--	1.1	0.0	SAND, medium to coarse; brown; dry.
11.1	12	MC	--	0.9	0.0	SILT; brown; dry.
12	13	MC	--	1.0	0.0	SAND, fine to medium; light brown; dry.
13	13.15	MC	--	0.15	0.0	Rock some sand medium.
13.15	15.4	MC	--	2.25	0.0	CLAY, brown; dry.
15.4	16.2	MC	--	0.8	0.0	SILT, some very fine sand.
16.2	17	MC	--	0.8	0.0	SAND, medium to coarse; brown; dry.
17	18.7	MC	--	1.7	0.0	SAND, medium to coarse brown; dry.
18.7	21	MC	--	2.3	0.0	SAND, very fine trace silt; tan, dry.
21	25	MC	--	4.0	0.0	CLAY and silt; brown; wet @ 22.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C15
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/16/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C-15/13-16/01 sampled at 15 ft bg @ 1540; C-15/16-18/01 sampled at 15 ft bg (Duplicate 1 (QA/QC))		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4		--			Clean fill.
4	8	MC	--	2.7	0.0	SAND, fine to medium; orange-brown; dry.
8	12	MC	--	3.0	0.0	SAND, fine to medium; orange-brown; dry.
12	16	MC	--	2.5	0.0	SAND, fine to medium; little silt; brown; dry.
16	17.2	MC	--	1.2	0.0	SAND, fine to medium; little silt; brown; dry.
17.2	18.3	MC	--	1.1	884	CLAY, brown; odor.
18.3	20	MC	--	1.7	0.0	SAND, fine to medium.
20	24	MC	--	2.1	0.0	SAND, medium to coarse; damp.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C16
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b> --	<b>YIELD:</b> --
<b>REMARKS:</b> C-16/8-10/01 default sample at 9 ft bg, TOC.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	--	--			Clean fill, no sample.
4	8	MC	--	3.1	0.0	SAND, fine to medium; some silt; brown; dry.
8	12	MC	--	3.6	0.0	SAND, fine to medium; brown; dry.
12	16	MC	--	3.1	0.0	SAND, fine to medium; brown; dry.
16	18	MC	--	2.0	0.0	SAND, fine to medium; brown; dry.
18	18.3	MC	--	0.3	0.0	CLAY; brown; dry.
18.3	20	MC	--	1.7	0.0	SAND, fine to medium, brown, dry.
20	24	MC	--	2.6	0.0	SAND, fine to medium, brown, dry.
24	25	MC	--	1.0	0.0	SAND, fine to medium; wet.
25	25.5	MC	--	0.5	455	SAND, coarse, wet orange stain.
25.5	28	MC	--	2.5	0.0	SAND, fine, wet, brown.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C17
		<b>PAGE:</b> 1 OF 2 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> Flush	<b>DURATION:</b> --	<b>YIELD:</b> --
<b>REMARKS:</b> C-17/18-20/01 collected as MS1, MSD1 QA/QC sample at 19 ft bg. C-17/22-24/01 sample collected at 21.5 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	--	--			Clean fill.
4	8	MC	--	2.8	0.0	SAND, fine to medium; brown; dry.
8	12	MC	--	3.2	0.0	SAND, fine to medium; brown; dry.
12	16	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
16	16.8	MC	--	0.8	0.0	SAND, fine to medium; brown; dry.
16.8	17	MC	--	0.2	33.0	CLAY; brown; dry.
17	18.2	MC	--	1.2	0.0	SAND, fine to medium; brown; dry.
18.2	18.5	MC	--	0.3	70	CLAY; brown; dry.
18.5	20	MC	--	1.5	0.0	SAND, fine to medium; brown; dry.
20	20.5	MC	--	0.5	2.9	SAND, fine; tan; dry.
20.5	20.9	MC	--	0.4	285	CLAY; brown; dry.
20.9	21.3	MC	--	0.4	3.7	SAND, fine; tan; dry.
21.3	22.1	MC	--	0.8	587	CLAY; brown; dry.

OWNER: Rowe Industries

WELL NO.: C-9

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
22.1	23.1	MC	--	1.0	4.9	SAND, fine tan.
23.1	24.0	MC	--	0.9	2611	CLAY; brown; dry.
24	28	MC	--	2.3	1977	SAND, medium to coarse, wet

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C17A
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/19/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> 6 ft south of C-17; interval core 20-24. No sample collected.		
<b>ABBREVIATIONS:</b> SS = split spoon   W = wash   C = cuttings   G = grab   ST = shelby tube REC = Recovery   PPM = parts per million   MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
20	20.2	MC	--	0.2	25.0	SAND, medium to coarse.
20.2	24	MC	--	3.8	0.0	SILT and very fine sand.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C18
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>CASING SIZE &amp; TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SEAL TYPE:</b> --	
<b>ELEVATION OF RP:</b> --	<b>SETTING:</b> --	
<b>STICK-UP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>SURFACE COMPLETION:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>REMARKS:</b> C-18/8-10/01 sample at default depth 9 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	--	--			Clean fill.
4	8	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
8	12	MC	--	3.0	0.0	SAND, fine to medium; brown; dry.
12	16	MC	--	3.0	0.0	SAND, fine to medium; brown; dry.
16	17.3	MC	--	1.3	0.0	SAND, fine to medium.
17.3	17.7	MC	--	0.4	0.0	SAND, very fine to fine.
17.7	18.1	MC	--	0.4	0.0	CLAY, brown; dry.
18.1	18.6	MC	--	0.5	0.0	SILT some clay; brown; dry.
18.6	19	MC	--	0.4	0.0	CLAY, brown, dry.
20	20.6	MC	--	0.6	0.0	CLAY, brown, dry.
20.6	20.9	MC	--	0.3	0.0	SILT, some clay.
20.9	24	MC	--	3.1	0.0	SAND, medium to coarse, wet at 23 ft bg.

<b>GEOLOGIC LOG</b>		<b>OWNER:</b> Rowe Industries
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>		<b>WELL NO.:</b> C19
<b>TRUMBULL, CONNECTICUT</b>		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C-19/10.25-12.25/01 default sample @ 11 ft bg, C-19/14.5-16.5/01 sampled at 15 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4					Clean fill.
4	8	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
8	12	MC	--	2.9	0.0	SAND, fine to medium; brown; dry.
12	16	MC	--	3.1	0.0	SAND, fine to medium; brown; dry.
16	20	MC	--	2.9	0.0	SAND, fine to medium; brown; dry.
20	24	MC	--	2.9	0.0	SAND, fine to medium; brown; dry; wet 23 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C20
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> C-20/8-10/01 at 9 ft bg; C-20/10-12/01 at 11 ft bg; C-20/16-18/01 at 17 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	Hand dig				
3	7	MC	--	3.1	0.0	SAND, very fine to fine, some silt, brown; dry.
7	11	MC	--	4.0	0.0	SAND, very fine to fine, some silt, brown; dry.
11	15	MC	--	3.7	0.0	SAND, very fine to fine, some silt, brown; dry.
15	19	MC	--	3.1	0.0	SAND, very fine to fine, some silt, brown; dry.
19	21	MC	--	3.3	0.0	SAND, very fine to fine, some silt, brown; dry.
21	25	MC	--	2.7	0.0	SAND, very fine to fine, some silt, brown; dry; wet @ 24 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C21
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> -- <b>SETTING:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>CASING SIZE &amp; TYPE:</b> -- <b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SEAL TYPE:</b> -- <b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>BACKFILL TYPE:</b> Native	
<b>OBSERVER:</b> Paul Jobmann	<b>STATIC WATER LEVEL:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>DEVELOPMENT METHOD:</b> --	
<b>ELEVATION OF RP:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>STICK-UP:</b> --		
<b>SURFACE COMPLETION:</b> --		
<b>REMARKS:</b> Sample at C-21/8-10/01 @ 9 ft bg; C-21/18-20/01 @ 19.0.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.5		--			Topsoil.
0.5	4		--			SAND, fine; brown; dry.
4	8	MC	--	2.5	0.0	SAND, fine; brown; dry.
8	12	MC	--	4.0	0.0	SAND, fine; brown; dry.
12	15.5	MC	--	3.5	0.6	SAND, fine; brown; dry.
15.5	15.7	MC	--	0.2	12.0	CLAY; brown; dry.
15.7	16	MC	--	0.3	0.0	SAND, fine to medium; brown; dry.
16	18.7	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
18.7	19.5	MC	--	0.8	135	SILT, some clay; brown; dry.
19.5	20.0	MC	--	0.5	48	Clay; brown; dry.
20	20.3	MC	--	0.3	48	Clay; brown; dry.
20.3	24	MC	--	3.7	218	SAND, medium to coarse; wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C22
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/17/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C22/16-18/01 sample collected at 16.5 ft bg @ 0927.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.4	MC	--	0.4	0.0	Topsoil.
0.4	4	MC	--	3.6	0.0	SAND, very fine and silt; brown; dry.
4	8	MC	--	3.2	0.0	SAND, fine to medium; little coarse; gravel; brown; dry.
8	12	MC	--	4.0	0.0	SAND, fine to medium; brown; dry.
12	16	MC	--	4.0	2066	SAND, medium to coarse, damp.
16	19	MC	--	3.0	3677	SAND, medium to coarse, damp.
19	20	MC	--	1.0	0.0	CLAY.
20	24	MC	--	2.8	54	SAND, medium to coarse, orange-brown; dry.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C23
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/18/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> C23/10.5-12.5/01 at 11.5 ft bg. (Duplicate 2 QA/QC sample)		
<b>ABBREVIATIONS:</b> SS = split spoon   W = wash   C = cuttings   G = grab   ST = shelly tube REC = Recovery   PPM = parts per million   MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	--	--			Clean fill.
4	8	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
8	8.4	MC	--	0.4	0.0	SAND, fine to medium; brown; dry.
8.4	9.4	MC	--	1.0	0.0	CLAY; brown; dry.
9.4	12	MC	--	2.6	0.0	SAND, medium to coarse; brown; dry.
12	16	MC	--	4.0	0.0	SAND, medium to coarse; brown; dry.
16	17.5	MC	--	1.5	0.0	SAND, medium to coarse; brown; dry.
17.5	19.7	MC	--	2.2	0.0	CLAY; brown; dry.
19.7	20	MC	--	0.7	0.0	SAND, fine to medium; red-brown; wet at tip.
20	23	MC	--	3.0	0.0	SAND, fine to medium; red to brown; wet.
23	24	MC	--	1.0	0.0	SAND, fine to medium; red to brown; wet; light brown; wet.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C24
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/18/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>REMARKS:</b> C24/12-14/01 @ 12.8 ft bg.	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube <b>REC = Recovery PPM = parts per million MC = macrocore</b>		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	--				Clean fill.
4	8	MC	--	2.7	0.0	SAND, fine to medium; brown; dry.
8	9	MC	--	1.0	0.0	SAND, medium to coarse; brown; dry.
9	12	MC	--	3.0	0.0	CLAY and SILT; brown; dry.
12	16	MC	--	3.2	568@ 12.8	SAND, medium to coarse; brown; dry.
16	20	MC	--	2.8	201@ 17.7	SAND, medium to coarse; brown; dry; staining from (16.8-18.2)
20	24	MC	--	2.5	0.0	SAND, medium to coarse; brown; wet @ 21.3 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C24A
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> -- <b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/18/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>CASING SIZE &amp; TYPE:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SETTING:</b> --	
<b>OBSERVER:</b> Paul Jobmann	<b>SEAL TYPE:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>SETTING:</b> --	
<b>ELEVATION OF RP:</b> --	<b>BACKFILL TYPE:</b> Native	
<b>STICK-UP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>DURATION:</b> -- <b>YIELD:</b> --		
<b>REMARKS:</b> C-24A/10-14/01 sample at 12 ft bg @ 1328. 2.3 ft N of C24.		
<b>ABBREVIATIONS:</b> SS = split spoon   W = wash   C = cuttings   G = grab   ST = shelby tube REC = Recovery   PPM = parts per million   MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
10	14	MC		2.7	1134 @ 12ft bg	SAND, fine to medium; brown; dry.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C25
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/18/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> C-25/8-10/01 sample at 8.5 ft bg. C-25/22-24/01 sampled at 23 ft bg.		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4					Clean fill.
4	8	MC	--	2.8	0.0	SAND, fine to medium; orange to brown; dry.
8	12	MC	--	4.0	2616 @ 8.5 ftbg	SAND, fine to medium; brown; dry.
12	12.9	MC	--	0.9	529 @ 14.5 ft bg	@ 14.5 ft.
12.9	16	MC	--	3.1		SILT and very fine sand; brown; dry.
16	17.5	MC	--	1.5	1,900 @ 16 ft bg	SAND, fine to medium; brown; dry.
17.5	19	MC	--	1.5	627	SILT, and very fine sand; brown; dry.
19	20	MC	--	1.0	21	SAND, fine to medium; brown; dry.
20	24	MC	--	3.1	7101 @ 23 ft bg	SAND, fine to medium; brown; wet at 23.75 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C25A
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.:</b> <b>SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/20/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> C25A/22-24/01 sampled at 23 ft bg @ 0837;		
<b>ABBREVIATIONS:</b> SS = split spoon W = wash C = cuttings G = grab ST = shelly tube REC = Recovery PPM = parts per million MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
12	16	MC	--	3.5	0.0	SAND, fine to medium; brown; dry.
16	17	MC	--	1.0	0.0	SAND, fine to medium; brown; dry.
17	17.5	MC	--	0.5	0.0	CLAY; brown; dry.
17.5	20	MC	--	2.5	0.0	SAND, fine to medium; brown; dry.
20	24	MC	--	3.0	26.0 @ 23 ft bg	SAND, coarse to very coarse; brown; wet at 23.5 ft bg.

<b>GEOLOGIC LOG</b>  <b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>  <b>TRUMBULL, CONNECTICUT</b>		<b>OWNER:</b> Rowe Industries
		<b>WELL NO.:</b> C26
		<b>PAGE:</b> 1 OF 1 PAGES
<b>SITE LOCATION:</b> 1668 Sag Harbor Turnpike Sag Harbor, New York	<b>SCREEN SIZE &amp; TYPE:</b> --	
	<b>SLOT NO.: SETTING:</b> --	
<b>DATE COMPLETED:</b> 10/20/00	<b>SAND PACK SIZE &amp; TYPE:</b> --	
<b>DRILLING COMPANY:</b> Earth Technology, LLC	<b>SETTING:</b> --	
	<b>CASING SIZE &amp; TYPE:</b> --	
<b>DRILLING METHOD:</b> Geoprobe	<b>SETTING:</b> --	
<b>SAMPLING METHOD:</b> Macrocore 1.75" diameter	<b>SEAL TYPE:</b> --	
<b>OBSERVER:</b> Paul Jobmann; Greg Cellamare	<b>SETTING:</b> --	
<b>REFERENCE POINT (RP):</b> Grade	<b>BACKFILL TYPE:</b> Native	
<b>ELEVATION OF RP:</b> --	<b>STATIC WATER LEVEL:</b> --	
<b>STICK-UP:</b> --	<b>DEVELOPMENT METHOD:</b> --	
<b>SURFACE COMPLETION:</b> --	<b>DURATION:</b> -- <b>YIELD:</b> --	
<b>REMARKS:</b> C26/8-10/01 @ 9 ft bg; C26/12-14/01 (MS2, MSD2) @ 0847.		
<b>ABBREVIATIONS:</b> SS = split spoon   W = wash   C = cuttings   G = grab   ST = shelby tube REC = Recovery   PPM = parts per million   MC = macrocore		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.5	MC	--	0.5	0.0	Topsoil.
0.5	4.0	MC	--	3.5	0.0	SAND, fine to medium; brown; dry.
4	8	MC	--	3.0	0.0	SAND, fine to medium; trace cobbles; brown.
8	11	MC	--	2.9	0.0	SAND, very fine to fine; tan; dry.
11	12.7	MC	--	1.7	0.0	CLAY; brown; dry.
12.7	15	MC	--	2.3	0.0	SAND, fine to medium; little silt; brown; dry.
15	19	MC	--	3.7	0.0	SAND, fine to medium; little silt; brown; dry.
19	21.7	MC	--	2.7	0.0	SAND, fine to medium; little silt; brown; dry.
21.7	23	MC	--	1.3	0.0	SAND, fine to medium; little silt; brown; wet.