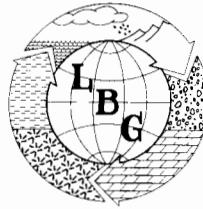


# LBG ENGINEERING SERVICES, PC.

Professional Environmental & Civil Engineers



126 Monroe Turnpike  
Trumbull, CT 06611  
(203) 452-3110  
(203) 452-3119 (FAX)

November 25, 2003

Mr. Jeffery Trad  
Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation, Construction Services  
625 Broadway, 12<sup>th</sup> floor  
Albany, NY 12233-7013

RE: September 2003 Status Report  
Ground-Water Remedial Action  
Rowe Industries Superfund Site  
Sag Harbor, New York

Dear Mr. Trad:

The enclosed letter report details the operation status of the full-scale ground-water pump and treat system at the above referenced site. As discussed in our telephone conversation, LBG has enclosed an additional copy of the report to be forwarded to the Chief of the Operation Maintenance and Support Section.

Should you or the Operation Maintenance and Support Section have any questions, please feel free to contact myself, Paul Jobmann, or Al Kovalik at (203) 452-3100.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.

A handwritten signature in black ink that reads "Mark Goldberg". A small checkmark is present to the right of the signature.

Mark M. Goldberg, P.E.  
Senior Environmental Engineer

PJ:ng  
Enclosures

H:\NABIS\2003\monthly reports\September 2003\trad.doc

**PROJECT STATUS MEMORANDUM**

**NO. 03-09**

**TO:** Pamela Tames, USEPA

**FROM:** Mark M. Goldberg, P.E.  
Alfred N. Kovalik, P.E.

**DATE:** November 24, 2003

**PROJECT:** Rowe Industries Superfund Site  
Ground-Water Recovery and Treatment System  
September 2003 Status Report  
Sag Harbor, New York

LBG Engineering Services, P.C. (LBG) commenced operation of the ground-water remediation system at the above-referenced site on December 17, 2002. This status report presents a summary of the operation, maintenance and monitoring activities for the site from September 1, 2003 through September 30, 2003. The report includes a summary of system operational parameters, tasks completed during the reporting period, anticipated tasks for the following month, analytical results for ground-water and system effluent samples, air quality results, and a summary of stream/estuary, wetland, and ground-water monitoring data.

**SUMMARY OF SYSTEM OPERATION**  
*(September 1, 2003 through September 30, 2003)*

*Reporting Period:* 30 days

*Total Flow During Period:* 11,473,278 gallons

*Average Effluent Flow:* 342 gallons per minute (gpm) while operating

*Mass of VOCs Recovered:* 5.9 pounds

*Cumulative VOCs Recovered:* 78.6 pounds

*Hours of Operation:* 588 hours during reporting period (82 percent)  
(based on number of hours recorded in Maintenance Log)

*Alarm Conditions:* See Table 1 : Maintenance Log

*Discharge Criteria:* Effluent water and air quality criteria met

## SCHEDULE

### Completed Tasks

During the September 2003 reporting period, LBG completed the following tasks:

- monitored system operations by completing routine inspections;
- completed ground-water recovery and treatment system troubleshooting and maintenance;
- completed air sampling events for carbon units;
- prepared monthly project status report;
- completed semi-annual sampling of on-site and off-site monitor wells;
- completed monthly monitoring and sampling of recovery wells;
- troubleshoot bag filter pressure sensors;
- cleaned recovery well flow meters and associated piping;
- replaced water level pressure transducer in RW-6;
- completed project management administrative duties; and
- conducted streams, estuary, wetlands, and ground water monitoring.

### Upcoming Tasks

During the next reporting period, LBG anticipates completing the following tasks:

- monitor system operations by completing routine inspections;
- complete ground-water recovery and treatment system maintenance;
- collect ground-water samples from recovery wells;
- measure fluid levels and evaluate drawdown in aquifer;
- conduct monitoring of streams, estuary, wetlands, and ground water;
- complete air sampling events for carbon units;
- calculate contaminant recovery totals for the system;
- prepare monthly project status report;
- complete project management administrative duties;
- troubleshoot RW-7 pressure transducer;
- rehabilitate recharge basins;
- complete acid backwash; and
- locate off-site monitor wells.

## GROUND-WATER RECOVERY SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the reporting period. Additional well operation information is included on the weekly operation reports, which are attached as Appendix I. A graph depicting the individual well flowrates over time is attached as Graph 1. From September 28, 2003, 5:41 a.m. to September 29, 2003, 8:45 a.m., recovery well RW-9 was not operating due to a low flow alarm. The recovery well RW-9 shutdown resulted in a step increase in flow for recovery well RW-8 during that same period of time. The reported RW-4

flow is not accurate due to a sensor power source malfunction. Graph 2 shows individual well pressures over time. Recovery well RW-6 average flow is reduced due to an increase in backpressure in the combined recovered water pipeline. The average flow for other wells is less than associated design values because flow adjustments were made in order to extend bag filter life. A computer model was re-run with lower well flows to evaluate the long term effect of the lower flows on remediation of the aquifer, including capture zones and remediation time. A discussion was presented in the July 2003 Status Report dated September 12, 2003.

Based on analytical results for samples collected from the influent to the air stripper and water flow totalizer readings, approximately 5.9 pounds of volatile organic compounds (VOCs) were recovered by the system in September. The cumulative recovery of VOCs by the system since the start of operation is 78.6 pounds. The VOC recovery calculation for September is attached as Appendix II and is based on four sampling events. Laboratory analytical reports are attached as Appendix III.

Well	Volume Pumped (gal)	Average Flow (gpm)	Design Flow (gpm)	Total VOC Concentration ( $\mu\text{g/L}$ )	VOC Recovery (lbs)
RW-1	740,340*	25.2	35	12.0	0.07
RW-2	868,504*	29.6	45	7.9	0.06
RW-3	880,860*	30.0	30	11.5	0.07
RW-4**	1,764,050	50.0	50	216.8	3.19
RW-5	1,940,163*	55.0	55	23.2	0.38
RW-6	1,234,729*	35.0	50	142.2	1.47
RW-7	2,460,419*	69.7	80	122.3	2.51
RW-8	1,800,907*	51.0	90	35.3	0.53
RW-9	2,286,074*	67.9	100	29.7	0.57

\* Estimated volume due to flow meter totalizer malfunction.

\*\*Estimated volume and flow due to sensor power supply malfunction.

## GROUND-WATER TREATMENT SYSTEM STATUS SUMMARY

### System Operation

The two major components of the ground-water treatment system are the three multi-unit bag filter units and the packed-tower air stripper.

The filter units, with eight filter bags per unit, are located downstream of the equalization tank and upstream from the air stripper. The multi-bag filter units operate in parallel. The average flow from the equalization tank transfer pumps into the bag unit system was 374 gpm during the reporting period. The inlet, outlet and differential pressures for each filter unit are recorded on an hourly basis. Graph 3 illustrates the differential pressure readings over time across each of the three units. As indicated on this graph and as shown in the operations log, filter bag changeouts were conducted about one to two times per week. Alternate bag filter operating scenarios have been tried

during the past reporting periods to increase the lifespan of the filter bags and minimize system maintenance requirements. The scenario that works to increase the life-span of the bag filters is to remove the filter bag from the last housing in each bank of filters, so filter bags are in the first seven housings in each bank of the filters. This reduced required change-outs of the filter bags from daily to approximately one to two times a week. In the future, other methods that may be attempted to increase filter bag life include increasing the average pore size of the filter bag.

The average airflow rate through the air stripper during the reporting period was 3,305 scfm (standard cubic feet per minute) according to the booster blower airflow meter. Previous measurements of airflow through the tower have been collected at the air stripper blower airflow meter. It has been determined that this airflow meter has been reading the airflow incorrectly since startup. The correct airflow measurement has been recorded by the airflow meter located after the booster blower. The airflow measurements have been verified using a TSI Velocicalc airflow meter. The air stripper blower airflow meter is being repaired at this time. A graph of the air stripper blower pressure and booster blower airflow over time is attached as Graph 4.

The acid backwash system was not utilized during the reporting period. The water discharge from the air stripper was sampled weekly. As shown on the attached Table 2, the treated ground water met the water-quality requirements set forth in the SPDES criteria. Graph 5 illustrates that the daily system effluent flowrate in gallons per day (gpd) was below the SPDES limit of 1,023,000 gpd.

## AIR TREATMENT AND EMISSIONS MONITORING

Air sampling was conducted during the reporting period to ensure that VOC emissions do not exceed limits and to monitor the granular activated carbon units for breakthrough. The air stripper off-gas is treated by two carbon units, which are currently being operated in series. During system start-up, photoionization detector (PID) readings and air samples for laboratory analysis were collected from the effluent from the stripper, carbon unit 1 and carbon unit 2 on a weekly basis. Table 3 summarizes the air quality results for the initial system testing phase and all sampling done during the system operation. As shown in the table, the PCE laden air from the air stripper was effectively treated by the carbon units; therefore, no carbon changeout activities were conducted during the reporting period. According to the calculation in Appendix IV, the air emission rate from the carbon units (based on the September 5<sup>th</sup> analytical data) was 0.00202 pounds per hour. The allowable concentrations of these compounds corresponding to the Ambient Guideline Concentration (AgC) at the property line were not exceeded.

## GROUND-WATER SAMPLING

Ground-water samples were collected from the nine recovery wells on September 23, 2003. The samples were collected to estimate VOC mass recovery rates from each well. Table 4 summarizes the VOC analytical data for all ground-water samples collected during the operation of the system. The highest tetrachloroethene concentration for the most recent sampling round was 210 micrograms per liter in RW-4.

In addition, ground-water was sampled in on-site and off-site monitor wells as part of the semi-annual ground-water monitoring program for the site. Ground-water sampling of monitor wells

included measurements of depth-to-water, VOC testing, and measurements of key physical properties in the field including pH, dissolved oxygen (DO), conductivity, oxidation reduction potential (ORP), turbidity, and temperature. Ground-water samples were collected using Environmental Protection Agency (EPA) low-flow sampling procedures.

Ground-water quality trends will be analyzed throughout the duration of the remedial action to evaluate the effectiveness of the pump and treat system in reducing the VOC concentration in the aquifer. A comprehensive evaluation of ground-water quality (and ground-water levels) will be presented in the 2003 Annual Report.

## STREAM/ESTUARY SALINITY MONITORING

Salinity and temperature were measured at predetermined locations perpendicular to the flow of water in the Ligonee Creek. The selected locations are considered representative of the section of Sag Harbor Cove downgradient of the VOC plume being captured and potentially affected by the operation of the recovery wells. The salinity and temperature profiles are monitored at the surface and various depths. Measurements were made at each location during, or close to, average daily high and low tide. Temperature and salinity graphs for the various monitoring points are attached as Appendix V. Based on historical data measured, the operation of the system has not had an influence on the salinity or temperature at the selected locations. Salinity and temperature data collected during the next monthly monitoring event and throughout the duration of the ground-water remedial action will be evaluated against the historical monitoring data.

## WATER-LEVEL MONITORING

Water-level monitoring was conducted in the Crooked, Whaler's Road, Lily and Round Ponds and Ligonee Brook to assess the impacts of the ground-water recovery system on water levels. Ground-water levels and pond water levels are measured in the piezometers and staff gages to determine the difference between the potentiometric heads in the underlying aquifer and the pond water levels. The ground-water elevation data was collected on September 9, 2003. The Crooked Pond piezometer was submerged, therefore, depth-to-water was not measured at this location. The water-level measurements are shown on the hydrographs attached as Appendix VI. Water-level data collected during the next monthly monitoring event and throughout the duration of the ground-water remedial action will be evaluated against the baseline data.

Recovery well static water-level measurements were collected on September 9, 2003 and are summarized in Table 5. The drawdown in the recovery wells shown in Table 5 were calculated for September using this data and water level measurements collected during system operation on September 18, 2003. Negative or very low drawdown is believed to be the result of the collection of drawdown measurements during high tide conditions. Also presented in Table 5 are the simulated drawdowns according to the numerical ground-water flow model. Based on the comparison of the measured drawdowns in the monitor wells and the anticipated drawdowns generated by the model, the ground-water recovery system is capturing the plume.

Graphs 6 through 14 show calculated drawdown for each of the nine recovery wells for the month of September. On September 10, 2003, the setpoint for the recovery well static depth-to-water was updated while the remediation system was down for routine maintenance. Most of the

graphs show a step decrease in drawdown after September 10, 2003 as a result of the static depth-to-water update.

cc: Terry Gerrish, CH2M Hill  
Mark Lucas, CH2M Hill  
Phil McAndrew, Kraft Foods, N.A.  
Jeff Trad, NYSDEC  
Chief-Operation Maintenance and Support Section  
(Graph 4, table 2 and Appendix III)  
Robert Schneck, RWE, R-1, NYSDEC  
David Gilmartin, Jr., Esq., Town of Southampton

MMG:

Attachments

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**TABLES**

**TABLE 1**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**MAINTENANCE LOG**  
(September 1, 2003 through September 30, 2003)

Date	Time	System Changes/Modifications	Personnel
9/1/2003	9:00 AM	Communication Failure Alarm.	
9/2/2003	11:00 AM	Restart system.	PJ
		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	PJ
9/5/2003		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	PH
9/8/2003	9:10 AM	Shut down recovery wells.	PJ
		Cleaned flow meters and jet-cleaned piping in vaults of RW-2, 4 - 9.	TF
9/9/2003		Cleaned flow meters and jet-cleaned piping in vaults of RW-1 and RW-3.	TF
		Tightened wiring (grounds and leads) of sensors to get correct bag filter pressure readings on the PLC.	PJ
		Reset on-site and off-site difference alarms from 200% to 25%.	PJ
		Primary basin high level alarm set point was changed from 54 to 42 inches.	PJ
9/10/2003	10:41 AM	Restart System.	PJ
		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	PJ
		Update recovery static depth to water measurements.	PJ
		Replaced transducer in RW-6; Changed transducer setpoint in RW-6 from 74.21 feet to 66 feet.	PJ
		Removed ASB flow meter for repair.	PJ
9/11/2003	7:51 AM	Off-site well low-flow alarm; System shut down.	
	9:19 AM	Reset off-site well low-flow alarm; Restart system.	PJ
	9:20 AM	On-site well low-flow alarm. System shut down.	
	9:33 AM	Reset on-site well low-flow alarm.	PJ
	9:34 AM	On-site well low-flow alarm; sludge in flow meter.	
	11:23 AM	Locked RW-1, RW-2, and RW-3; Reset alarm; Restart System (RW-4 through RW-9 only).	PJ
9/15/2003		Cleaned on-site flow meter.	TF
	2:13 PM	Unlocked RW-1, RW-2, and RW-3; Restart well pumps.	TF
9/16/2003	5:10 PM	Booster blower failure; System shut down.	
9/17/2003		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	MG
	9:56 AM	Reset booster blower starter motor; Restart system.	MG

**TABLE 1**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**MAINTENANCE LOG**  
(September 1, 2003 through September 30, 2003)

Date	Time	System Changes/Modifications	Personnel
9/22/2003	10:04 AM	Bag Filter high pressure alarm, Bank 2.	
		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	PH
	10:12 AM	Bag filter high pressure alarm reset; System restarted.	PH
9/25/2003		Changed multi-bag filter bags (200 µm) in banks 1 and 2, seven of eight housings used.	PJ
		Opened secondary basin discharge valve; treated water is discharging to both basins.	PJ
9/26/2003	10:18 AM	Primary basin high level alarm.	
9/28/2003	5:41 AM	Recovery Well 9 low flow alarm.	
9/29/2003	8:43 AM	RW-9 restarted; primary basin high level alarm reset.	PJ
	8:44 AM	RW-9 low flow alarm.	
	8:45 AM	RW-9 restarted.	PJ
	10:31 AM	Primary basin high level alarm.	
	10:32 PM	Communication Failure Alarm; System shut down.	
9/30/2003		September 30, 2003 data log not generated due to communication failure.	

TABLE 2

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**DISCHARGE WATER QUALITY RESULTS**

Date Sampled	pH	TDS (mg/L)	PCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	1,1-DCA (ug/L)	1,1-DCE (ug/L)	1,2-DCE (ug/L)	Xylene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Methylene Chloride (ug/L)	Freon 113 (ug/L)	Naphthalene (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)
SPDES Limits	6.5 to 8.5	--	1	5	5	5	5	5	5	5	5	5	—	10	7	--	--	--
2-Sep-03	6.09	99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.85	0.178
10-Sep-03	NM	100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.4	0.203
18-Sep-03	5.86	190 <sup>4</sup>	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.31	1.03
23-Sep-03	NM	250	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.05	0.282

SPDES: State Pollutant Discharge Elimination System

mg/L: Milligrams per liter

ug/L: Micrograms per liter

---: Not established

NM: Not Measured  
 TDS: Total dissolved solids  
 PCE: Tetrachloroethylene  
 TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane  
 1,1-DCE: 1,1-Dichloroethene  
 1,2-DCE: 1,2-Dichloroethene  
 MTBE: Methyl tert-butyl ether

## Notes:

1. TDS & Freon 113 added to parameter analysis with February 2003 Samples.
2. pH measured in field using hand held pH meter.
3. "Discharge" samples were collected from sample port labeled NP2-10.
4. The sample was collected at the lower effluent.

TABLE 3

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**CARBON UNIT SYSTEM AIR QUALITY RESULTS**

**Precarbon**

Sample Name	Date	Time	Parameters (mg/m <sup>3</sup> )																		
			PCE	TCE	TCA	DCE	DCA	cis-DCE	Toluene	Benzene	m&p-Xylenes	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC
Precarbon (ITPP A)	10/8/2002	11:05	6.6	0.18	ND	ND	ND	ND	0.06	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Precarbon (ITPP B)	10/9/2002	12:31	5.6	0.18	ND	ND	ND	ND	0.04	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Precarbon 112002	11/20/2002	21:45	2.8	0.09	ND	ND	ND	ND	0.03	0.04	ND	ND	ND	ND	0.01	0.54	ND	ND	ND	ND	ND
Precarbon 112602	11/26/2002	20:10	6.8	0.18	ND	ND	ND	ND	0.06	ND	ND	ND	ND	0.88	ND	ND	ND	ND	ND	ND	ND
AQ1219022120NP4-1	12/19/2002	21:20	2.9	0.12	ND	ND	ND	ND	0.02	0.03	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND
AQ0109031120NP4-1	1/9/2003	11:20	2.3	0.07	ND	ND	ND	ND	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ0220030932NP4-1	2/20/2003	9:32	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ0312031131NP4-1	3/12/2003	11:31	1.3	0.04	0.04	ND	ND	ND	0.02	0.009	ND	ND	ND	ND	ND	ND	ND	0.09	ND	ND	ND
AQ0409030942NP4-1	4/9/2003	9:42	0.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ060503:1155NP4-1	6/5/2003	11:55	0.6	0.02	ND	ND	ND	ND	0.003	0.003	ND	ND	ND	ND	0.097	ND	ND	0.063	ND	ND	ND
AQ071103:1340NP4-1	7/11/2003	13:40	0.7	0.026	0.041	0.006	0.01	0.002	0.011	0.003	0.005	0.002	0.001	0.009	0.012	ND	0.043	0.022	ND	0.002	ND
AQ082003:1210NP4-1	8/20/2003	12:10	1.1	0.05	ND	ND	ND	ND	0.05	0.02	ND	ND	ND	ND	0.26	0.05	0.26	0.23	ND	ND	ND
AQ090503:1005NP4-1	9/5/2003	10:05	0.75	0.03	0.035	ND	ND	ND	0.01	0.005	ND	ND	ND	ND	0.05	0.02	0.055	0.135	ND	ND	ND

**Midcarbon**

Sample Name	Date	Time	Parameters (mg/m <sup>3</sup> )																		
			PCE	TCE	TCA	DCE	DCA	cis-DCE	Toluene	Benzene	m&p-Xylenes	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC
Midcarbon (ITPP A)	10/8/2002	11:07	0.004	ND	ND	ND	ND	ND	0.05	0.009	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Midcarbon (ITPP B)	11/9/2002	12:30	0.002	ND	ND	ND	ND	ND	0.038	0.003	0.005	ND	0.002	ND	ND						
Midcarbon 112002	11/20/2002	21:50	ND	ND	ND	ND	ND	ND	0.22	0.06	0.07	ND	ND	0.19	0.77	ND	ND	ND	ND	ND	ND
Midcarbon 112602	11/26/2002	21:12	0.005	ND	ND	ND	ND	ND	0.015	0.004	0.003	ND	ND	0.017	0.07	ND	ND	ND	ND	ND	ND
AQ1219022120NP4-2	12/19/2002	21:20	0.04	ND	ND	ND	ND	ND	0.027	0.004	0.006	ND	ND	0.03	ND	ND	ND	ND	ND	ND	ND
AQ0109031122NP4-2	1/9/2003	11:22	0.006	ND	ND	ND	0.017	ND	0.044	ND	0.004	ND	ND	0.013	ND	ND	ND	ND	ND	ND	ND
AQ0220030932NP4-2	2/20/2003	9:32	0.008	ND	0.032	ND	0.017	ND	ND	ND	ND	ND	0.011	ND	ND	0.002	0.009	0.001	0.002	ND	ND
AQ0312031131NP4-2	3/12/2003	11:31	0.01	0.003	0.045	0.012	0.021	0.007	0.03	0.005	0.006	0.002	0.002	0.012	ND	0.002	0.009	0.001	0.002	ND	ND
AQ0409030943NP4-2	4/9/2003	9:43	0.006	0.003	0.049	0.01	0.016	0.006	0.008	0.001	0.004	ND	ND	0.011	0.081	ND	0.019	0.006	ND	ND	ND
AQ060503:1156NP4-2	6/5/2003	11:56	0.032	0.001	0.014	ND	ND	0.002	0.002	0.001	ND	ND	0.004	0.018	0.002	ND	0.021	ND	ND	ND	ND
AQ071103:1340NP4-1	7/11/2003	13:41	0.009	0.004	0.022	0.005	0.008	0.004	0.007	0.004	0.003	0.002	ND	0.006	0.005	ND	0.03	0.005	ND	0.001	ND
AQ082003:1212NP4-2	8/20/2003	12:12	0.024	0.016	0.049	0.007	ND	0.004	0.13	0.012	0.34	0.14	ND	0.009	ND	0.13	0.078	ND	0.1	ND	ND
AQ090503:1007NP4-2	9/5/2003	10:07	0.006	0.013	0.023	0.006	0.013	0.003	0.011	0.002	0.003	0.0009	ND	0.006	0.032	0.007	0.025	0.086	ND	0.0006	ND

**Postcarbon**

Sample Name	Date	Time	Parameters (mg/m <sup>3</sup> )																		
			PCE	TCE	TCA	DCE	DCA	cis-DCE	Toluene	Benzene	m&p-Xylenes	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC
Postcarbon (ITPP A)	10/8/2002	11:09	0.002	ND	ND	ND	ND	ND	0.048	0.003	0.005	ND	ND	0.049	ND	0.016	ND	ND	ND	ND	ND
Postcarbon (ITPP B)	10/9/2002	12:27	0.002	ND	ND	ND	ND	ND	0.04	0.006	0.004	0.002	ND	0.002	ND	0.021	ND	ND	ND	ND	ND
Postcarbon 112002	11/20/2002	21:51	ND	ND	ND	ND	ND	ND	0.045	0.006	0.006	0.002	ND	0.001	0.022	ND	ND	ND	ND	ND	ND
Postcarbon 112602	11/26/2002	20:13	ND	ND	ND	ND	ND	ND	0.012	0.004	0.002	ND	ND	0.017	0.087	ND	ND	ND	ND	ND	ND
AQ1219022120NP4-3	12/19/2002	21:20	ND	ND	ND	ND	ND	ND	0.045	0.006	0.006	0.002	ND	0.001	0.022	ND	ND	ND	ND	ND	ND
AQ0109031124NP4-3	1/9/2003	11:24	0.001	ND	ND	ND	ND	ND	0.06	ND	0.004	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND
AQ0220030932NP4-3	2/20/2003	9:32	ND	ND	0.008	0.01	0.018	ND	0.01	0.002	0.002	ND	ND	0.006	ND	0.003	0.01	ND	ND	ND	ND
AQ0312031132NP4-3	3/12/2003	11:32	ND	ND	0.02	0.01	0.017	ND	0.005	ND	0.002	ND	ND	0.009	0.023	ND	0.019	0.017	ND	ND	ND
AQ0409030944NP4-3	4/9/2003	9:44	ND	ND	0.068	0.036	0.056	0.014	0.011	0.019	0.005	ND	ND	0.031	0.028	ND	0.041	0.03	ND	ND	ND
AQ060503:1157NP4-3	6/5/2003	11:57	ND	ND	0.004	0.017	0.004	0.009	0.003	0.002	0.003	0.002	ND	0.007	0.008	0.002	0.004	0.016	ND	0.002	ND
AQ071103:1340NP4-1	7/11/2003	13:43	0.002	0.001	0.013	0.008	0.011	0.003	0.009	0.002	0.003	0.002	ND	0.007	0.008	0.002	0.004	0.016	ND	0.002	ND
AQ082003:1215NP4-3	8/20/2003	12:15	0.011	0.002	0.035	0.011	0.022	0.006	0.1	0.017	0.25	0.1	ND	0.012	ND	0.1	0.043	ND	0.073	0.002	
AQ090503:1010NP4-3	9/5/2003	10:15	ND	0.003	0.017	0.004	0.009	0.003	0.011	0.006	0.003	0.001	ND	0.006	0.028	0.004	0.038	0.029	ND	0.0008	ND

PCE - Tetrachloroethane  
TCE - Trichloroethene  
TCA - 1,1,1-Trichloroethane

DCE - 1,1-Dichloroethene  
DCA - 1,1-Dichloroethane  
cis-DCE - cis-1,2-Dichloroethene

CF - Chloroform  
MC - Methylene Chloride  
CM - Chloromethane  
CD - Carbon Disulfide

BM - Bromomethane  
CB - Chlorobenzene  
EB - Ethylbenzene  
VC - Vinyl Chloride

TABLE 4

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**RECOVERY WELL WATER QUALITY RESULTS**

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Isopropyl-benzene (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)
RW-1	5-Sep-02	ND<1	ND<1	ND<1	<b>27</b>	1.9	-	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	ND<1	ND<1	ND<1	ND<1	<b>2.6</b>	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	ND<1	ND<1	ND<1	ND<1	<b>2.2</b>	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	ND<1	ND<1	ND<1	ND<1	<b>2.8</b>	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	<b>0.032</b>	ND<0.02	-	-	-	-	-
	3-Jan-03	ND<1	ND<1	ND<1	ND<1	<b>2.4</b>	<b>16</b>	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	ND<1	ND<1	ND<1	ND<1	<b>2.0</b>	<b>9.8</b>	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	ND<1	ND<1	ND<1	ND<1	<b>1.4</b>	<b>4.3</b>	<b>0.566</b>	ND<0.02	ND<1	ND<1	ND<1	<b>10</b>
	23-Apr-03	ND<1	ND<1	ND<1	ND<1	<b>1.2</b>	<b>8.6</b>	<b>0.053</b>	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	ND<1	ND<1	ND<1	ND<1	<b>1.8</b>	<b>8.7</b>	<b>0.051</b>	ND<0.02	ND<1	ND<1	ND<1	<b>3.6</b>
	11-Jun-03	ND<1	ND<1	ND<1	ND<1	ND<1	<b>8.1</b>	<b>0.0290</b>	ND<0.02	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	ND<1	ND<1	ND<1	ND<1	<b>2.9</b>	<b>6.6</b>	<b>0.0100</b>	<b>0.03</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	ND<1	ND<1	ND<1	ND<1	<b>2.6</b>	<b>9.4</b>	<b>0.0930</b>	<b>0.011</b>	ND<1	ND<1	ND<1	ND<1
RW-2	5-Sep-02	<b>190</b>	<b>2.9</b>	ND<1	ND<1	ND<1	<b>21</b>	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	<b>120</b>	<b>1.4</b>	ND<1	ND<1	ND<1	<b>18</b>	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	<b>140</b>	<b>2</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	<b>110</b>	<b>1.9</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	<b>6.6</b>
	26-Nov-02	-	-	-	-	-	<b>50.9</b>	<b>0.188</b>	-	-	-	-	-
	3-Jan-03	<b>38</b>	<b>1.3</b>	ND<1	ND<1	ND<1	<b>7.5</b>	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	<b>31</b>	ND<1	ND<1	ND<1	ND<1	<b>6.7</b>	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	<b>26</b>	<b>1.8</b>	ND<1	ND<1	ND<1	ND<1	<b>11.4</b>	<b>0.059</b>	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	<b>14</b>	<b>1.3</b>	ND<1	ND<1	ND<1	ND<1	<b>6.31</b>	<b>0.212</b>	ND<1	ND<1	ND<1	ND<1
	13-May-03	<b>21</b>	<b>2</b>	ND<1	ND<1	ND<1	<b>3.8</b>	<b>5.51</b>	<b>0.052</b>	ND<1	ND<1	ND<1	<b>3.7</b>
	11-Jun-03	<b>15</b>	<b>0.6</b>	ND<1	ND<1	ND<1	ND<1	<b>3.01</b>	<b>0.885</b>	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	<b>12</b>	ND<1	ND<1	ND<1	ND<1	ND<1	<b>5.34</b>	<b>0.438</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	<b>7.9</b>	ND<1	ND<1	ND<1	ND<1	ND<1	<b>5.99</b>	<b>0.758</b>	ND<1	ND<1	ND<1	ND<1
RW-3	5-Sep-02	<b>23</b>	<b>1.6</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	<b>30</b>	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	<b>18</b>	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	<b>19</b>	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	<b>2.23</b>	<b>2.34</b>	-	-	-	-	-
	3-Jan-03	<b>2.8</b>	<b>8.5</b>	<b>4.8</b>	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	<b>2.7</b>	<b>5.8</b>	<b>2.4</b>	ND<1	ND<1	<b>1.8</b>	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	<b>2.4</b>	<b>3.6</b>	<b>1.1</b>	ND<1	ND<1	ND<1	<b>1.84</b>	<b>0.013</b>	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	<b>1.1</b>	<b>1.2</b>	ND<1	ND<1	ND<1	ND<1	<b>1.81</b>	<b>0.395</b>	ND<1	ND<1	ND<1	ND<1
	13-May-03	<b>2.2</b>	<b>2.5</b>	<b>1.1</b>	ND<1	ND<1	ND<1	<b>1.68</b>	<b>0.166</b>	ND<1	ND<1	ND<1	<b>3.7</b>
	11-Jun-03	<b>2.4</b>	<b>3.4</b>	<b>1.8</b>	ND<1	ND<1	ND<1	<b>2.37</b>	<b>0.517</b>	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	<b>2.3</b>	<b>5.7</b>	<b>2.3</b>	ND<1	ND<1	ND<1	<b>1.77</b>	<b>0.636</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	<b>2.8</b>	<b>5.8</b>	<b>2.9</b>	ND<1	ND<1	ND<1	<b>2.24</b>	<b>1.57</b>	ND<1	ND<1	ND<1	ND<1

TABLE 4

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**RECOVERY WELL WATER QUALITY RESULTS**

<b>Recovery Well</b>	<b>Date Sampled</b>	<b>PCE (ug/L)</b>	<b>TCE (ug/L)</b>	<b>TCA (ug/L)</b>	<b>Vinyl Acetate (ug/L)</b>	<b>Chloroform (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>Total Iron (mg/L)</b>	<b>Dissolved Iron (mg/L)</b>	<b>Isopropylbenzene (ug/L)</b>	<b>1,1-Dichloroethane (ug/L)</b>	<b>cis-1,2-Dichloroethene (ug/L)</b>	<b>Methylene Chloride (ug/L)</b>
<b>RW-4</b>	23-Sep-02	<b>550</b>	<b>8.5</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	23-Sep-02	<b>590</b>	<b>9.5</b>	<b>1.6</b>	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	<b>670</b>	<b>11</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	<b>450</b>	<b>9.6</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	-	<b>11</b>	<b>2.41</b>	-	-	-	-
	3-Jan-03	<b>190</b>	<b>3.8</b>	<b>7.1</b>	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	<b>130</b>	<b>6.5</b>	<b>0.7</b>	ND<1	ND<1	<b>4.3</b>	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	<b>150</b>	<b>3.6</b>	ND<1	ND<1	ND<1	ND<1	<b>1.36</b>	<b>0.041</b>	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	<b>110</b>	<b>3.1</b>	ND<1	ND<1	ND<1	ND<1	<b>3.18</b>	<b>0.136</b>	ND<1	ND<1	ND<1	ND<1
	13-May-03	<b>170</b>	<b>5.4</b>	<b>1.0</b>	ND<1	ND<1	<b>3.4</b>	<b>2.38</b>	<b>0.023</b>	ND<1	ND<1	ND<1	<b>3.3</b>
	11-Jun-03	<b>170</b>	<b>4.8</b>	ND<1	ND<1	ND<1	ND<1	<b>1.03</b>	<b>0.572</b>	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	<b>200</b>	<b>5.9</b>	<b>1.3</b>	ND<1	ND<1	ND<1	<b>2.67</b>	<b>0.292</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	<b>210</b>	<b>5.7</b>	<b>1.1</b>	ND<1	ND<1	ND<1	<b>3.21</b>	<b>0.529</b>	ND<1	ND<1	ND<1	ND<1
<b>RW-5</b>	12-Sep-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	12-Sep-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	-	<b>ND&lt;0.02</b>	<b>ND&lt;0.02</b>	-	-	-	-
	3-Jan-03	<b>5.5</b>	ND<1	ND<1	ND<1	<b>1.9</b>	<b>1.5</b>	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	<b>5.8</b>	ND<1	ND<1	ND<1	<b>1.1</b>	<b>3.5</b>	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	<b>19</b>	ND<1	ND<1	ND<1	ND<1	ND<1	<b>0.489</b>	<b>0.013</b>	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	<b>12</b>	ND<1	ND<1	ND<1	ND<1	ND<1	<b>0.068</b>	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	<b>21</b>	ND<1	ND<1	ND<1	<b>0.8</b>	<b>6.7</b>	<b>0.146</b>	ND<0.02	ND<1	ND<1	ND<1	<b>3.6</b>
	11-Jun-03	<b>21</b>	ND<1	ND<1	ND<1	ND<1	<b>6.2</b>	<b>0.76</b>	<b>0.0356</b>	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	<b>11</b>	ND<1	ND<1	ND<1	<b>1.1</b>	<b>9.7</b>	<b>6.47</b>	<b>0.068</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	<b>15</b>	ND<1	ND<1	ND<1	<b>0.9</b>	<b>7.3</b>	<b>0.269</b>	<b>0.021</b>	ND<1	ND<1	ND<1	ND<1
<b>RW-6</b>	12-Sep-02	<b>69</b>	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	12-Sep-02	<b>140</b>	<b>1.1</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	<b>120</b>	<b>1.7</b>	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	<b>130</b>	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	-	<b>0.37</b>	ND<0.02	-	-	-	-
	3-Jan-03	<b>110</b>	<b>1.1</b>	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	<b>97</b>	<b>1.6</b>	ND<1	ND<1	<b>0.6</b>	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	<b>130</b>	<b>1.0</b>	ND<1	ND<1	ND<1	ND<1	<b>3.05</b>	ND<0.02	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	<b>79</b>	<b>1.0</b>	ND<1	ND<1	ND<1	ND<1	<b>0.028</b>	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	<b>120</b>	<b>1.8</b>	ND<1	ND<1	<b>0.6</b>	ND<1	<b>0.068</b>	ND<0.02	ND<1	ND<1	ND<1	<b>3.5</b>
	11-Jun-03	<b>120</b>	<b>0.7</b>	ND<1	ND<1	ND<1	ND<1	<b>0.0097</b>	<b>0.011</b>	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	<b>150</b>	<b>0.6</b>	ND<1	ND<1	ND<1	ND<1	<b>0.186</b>	<b>0.034</b>	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	<b>140</b>	<b>2.2</b>	ND<1	ND<1	ND<1	ND<1	<b>0.089</b>	<b>0.018</b>	ND<1	ND<1	ND<1	ND<1

TABLE 4

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**RECOVERY WELL WATER QUALITY RESULTS**

<b>Recovery Well</b>	<b>Date Sampled</b>	<b>PCE (ug/L)</b>	<b>TCE (ug/L)</b>	<b>TCA (ug/L)</b>	<b>Vinyl Acetate (ug/L)</b>	<b>Chloroform (ug/L)</b>	<b>MTBE (ug/L)</b>	<b>Total Iron (mg/L)</b>	<b>Dissolved Iron (mg/L)</b>	<b>Isopropylbenzene (ug/L)</b>	<b>1,1-Dichloroethane (ug/L)</b>	<b>cis-1,2-Dichloroethene (ug/L)</b>	<b>Methylene Chloride (ug/L)</b>
RW-7	12-Sep-02	270	4.1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	12-Sep-02	350	5.2	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	360	4.7	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	370	4.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	0.075	ND<0.02	-	-	-	-	-
	3-Jan-03	160	2.5	1.3	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	120	2.3	1.1	ND<1	0.5	1.4	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	160	2.3	ND<1	ND<1	ND<1	ND<1	0.405	ND<0.02	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	100	1.8	ND<1	ND<1	ND<1	ND<1	0.016	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	140	3.1	1.0	ND<1	ND<1	ND<1	0.032	ND<0.02	ND<1	ND<1	ND<1	4.0
	11-Jun-03	140	2.0	ND<1	ND<1	ND<1	ND<1	0.0246	0.0086	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	150	2.1	ND<1	ND<1	ND<1	ND<1	0.024	0.041	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	120	2.3	ND<1	ND<1	ND<1	ND<1	0.011	ND<0.02	ND<1	ND<1	ND<1	ND<1
RW-8	23-Sep-02	130	7.1	ND<1	ND<1	ND<1	-	-	-	1.1	ND<1	ND<1	ND<1
	23-Sep-02	100	6.6	ND<1	ND<1	ND<1	-	-	-	1.4	ND<1	ND<1	ND<1
	8-Oct-02	100	7.5	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	94	6.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	12.1	1.43	-	-	-	-	-
	3-Jan-03	59	4.3	4	ND<1	ND<1	ND<1	-	-	ND<1	2.4	ND<1	ND<1
	23-Jan-03	58	4.2	3.2	ND<1	ND<1	ND<1	-	-	ND<1	1.8	0.6	ND<1
	21-Mar-03	70	2.9	2.7	ND<1	ND<1	ND<1	0.544	0.141	ND<1	1.4	ND<1	ND<1
	23-Apr-03	41	2.0	1.8	ND<1	ND<1	ND<1	11.8	0.352	ND<1	ND<1	ND<1	ND<1
	13-May-03	61	3.9	3.8	ND<1	ND<1	ND<1	10.1	0.068	ND<1	1.8	ND<1	3.4
	11-Jun-03	57	3.1	2.7	ND<1	ND<1	ND<1	9.14	1.10	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	35	1.9	3.2	ND<1	ND<1	ND<1	10.5	0.43	ND<1	ND<1	ND<1	ND<1
	23-Sep-03	30	1.7	3.6	ND<1	ND<1	ND<1	11.1	1.18	ND<1	ND<1	ND<1	ND<1
RW-9	23-Sep-02	12	2.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	23-Sep-02	11	3	3.5	ND<1	ND<1	-	-	-	ND<1	5.3	ND<1	ND<1
	8-Oct-02	9.2	2.5	3.5	ND<1	ND<1	-	-	-	ND<1	6	1.1	ND<1
	9-Oct-02	16	3.4	6.6	ND<1	ND<1	-	-	-	ND<1	5.2	ND<1	ND<1
	26-Nov-02	-	-	-	-	-	2.99	1.72	-	-	-	-	-
	3-Jan-03	17	2.5	6.9	ND<1	ND<1	ND<1	-	-	ND<1	3.1	ND<1	ND<1
	23-Jan-03	23	2.8	4.3	ND<1	ND<1	ND<1	-	-	ND<1	2.5	0.6	ND<1
	21-Mar-03	23	2.2	2.8	ND<1	ND<1	ND<1	11.0	0.013	ND<1	1.7	ND<1	ND<1
	23-Apr-03	15	1.2	1.8	ND<1	ND<1	ND<1	3.55	1.97	ND<1	ND<1	ND<1	ND<1
	13-May-03	21	1.8	3.6	ND<1	ND<1	ND<1	2.95	0.046	ND<1	1.9	ND<1	3.2
	11-Jun-03	18	1.6	4.8	ND<1	ND<1	ND<1	2.75	1.74	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	4.7	1.6	7.3	ND<1	ND<1	ND<1	3.60	0.467	ND<1	3.6	ND<1	ND<1
	23-Sep-03	25	1.2	3.5	ND<1	ND<1	ND<1	4.05	2.69	ND<1	ND<1	ND<1	ND<1

ND: Not detected

&lt;#: Less than method detection limit

ug/L: Micrograms per liter

-: Not analyzed

PCE: Tetrachloroethylene

TCE: Trichloroethylene

TCA: 1,1,1-Trichloroethane

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

1,2-DCE: 1,2-Dichloroethene

MTBE: Methyl Tertiary Butyl Ether

**TABLE 5**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**STATIC WATER-LEVELS AND DRAWDOWN**  
**FOR MONITOR AND RECOVERY WELLS**

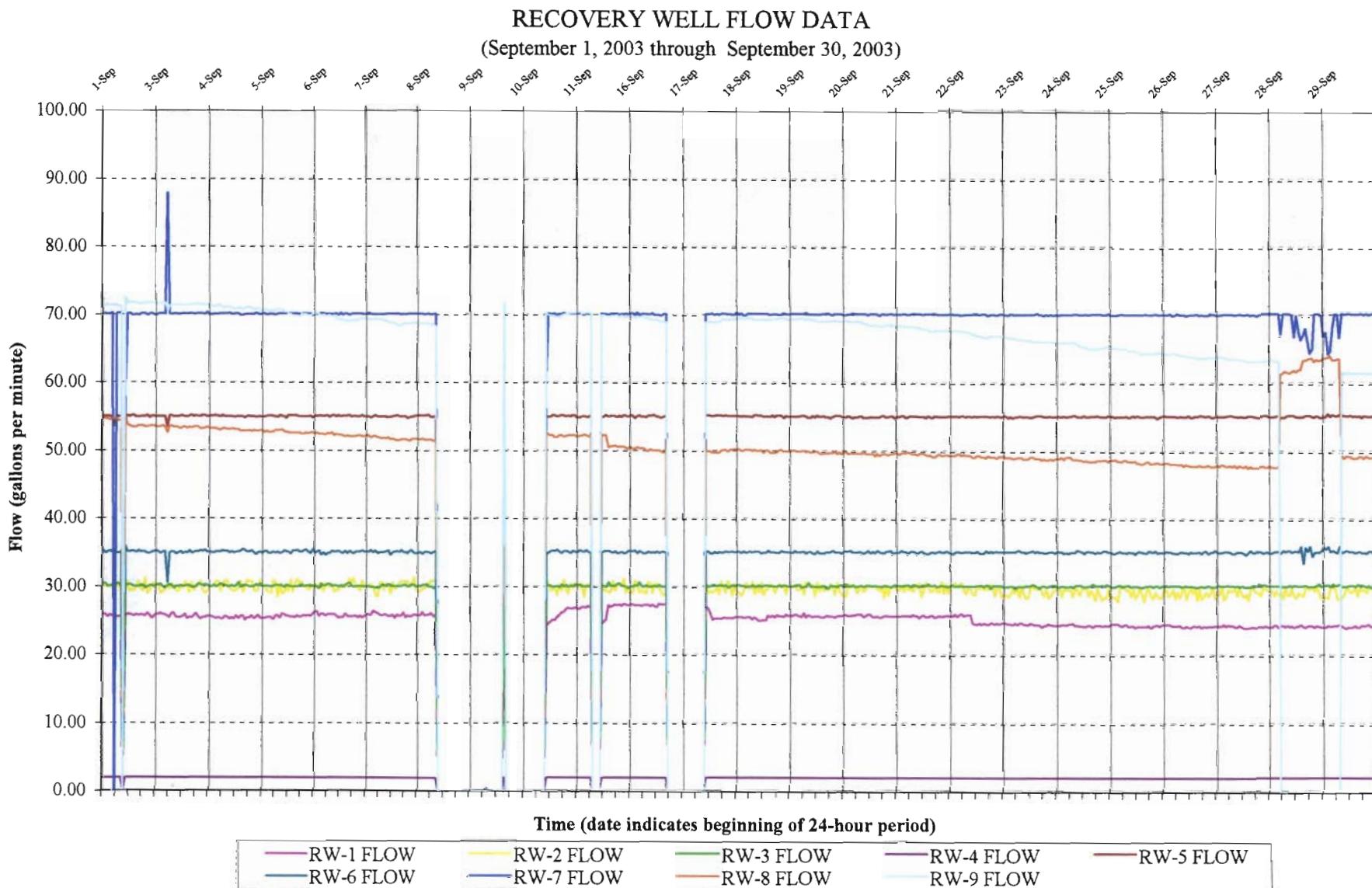
Well	Static Depth to Water (feet)	Drawdown (feet)*	Simulated Drawdown (feet)**
MW-43A	17.22	-	0.51
MW-43B	17.75	0.83	0.52
MW-43C	17.91	-	0.35
MW-45A	17.89	0.15	0.02
MW-46A	6.28	-	0.01
MW-46B	6.72	-	0.01
MW-48B	19.52	0.00	0
MW-49A	8.27	0.08	0.71
MW-49B	8.43	0.27	0.68
MW-49C	8.29	0.01	0.56
MW-50A	5.38	0.37	0.16
MW-50B	5.63	0.02	0.16
MW-50C	5.78	0.52	0.16
RW-1	24.76	0.72	1.28
RW-2	17.84	8.60	1.95
RW-3	3.93	1.55	0.98
RW-4	11.97	0.59	1.57
RW-5	18.93	10.57	1.51
RW-6	16.51	25.70	0.96
RW-7	13.65	0.56	1.05
RW-8	7.13	0.39	1.18
RW-9	4.13	0.28	1.34
MW B1	24.5	-0.80	-0.84

\* Drawdown for recovery wells and monitor wells calculated from static DTW  
measured on 9/1/03 and system running DTW measured on 9/23/03

\*\* Drawdown based on model simulation.

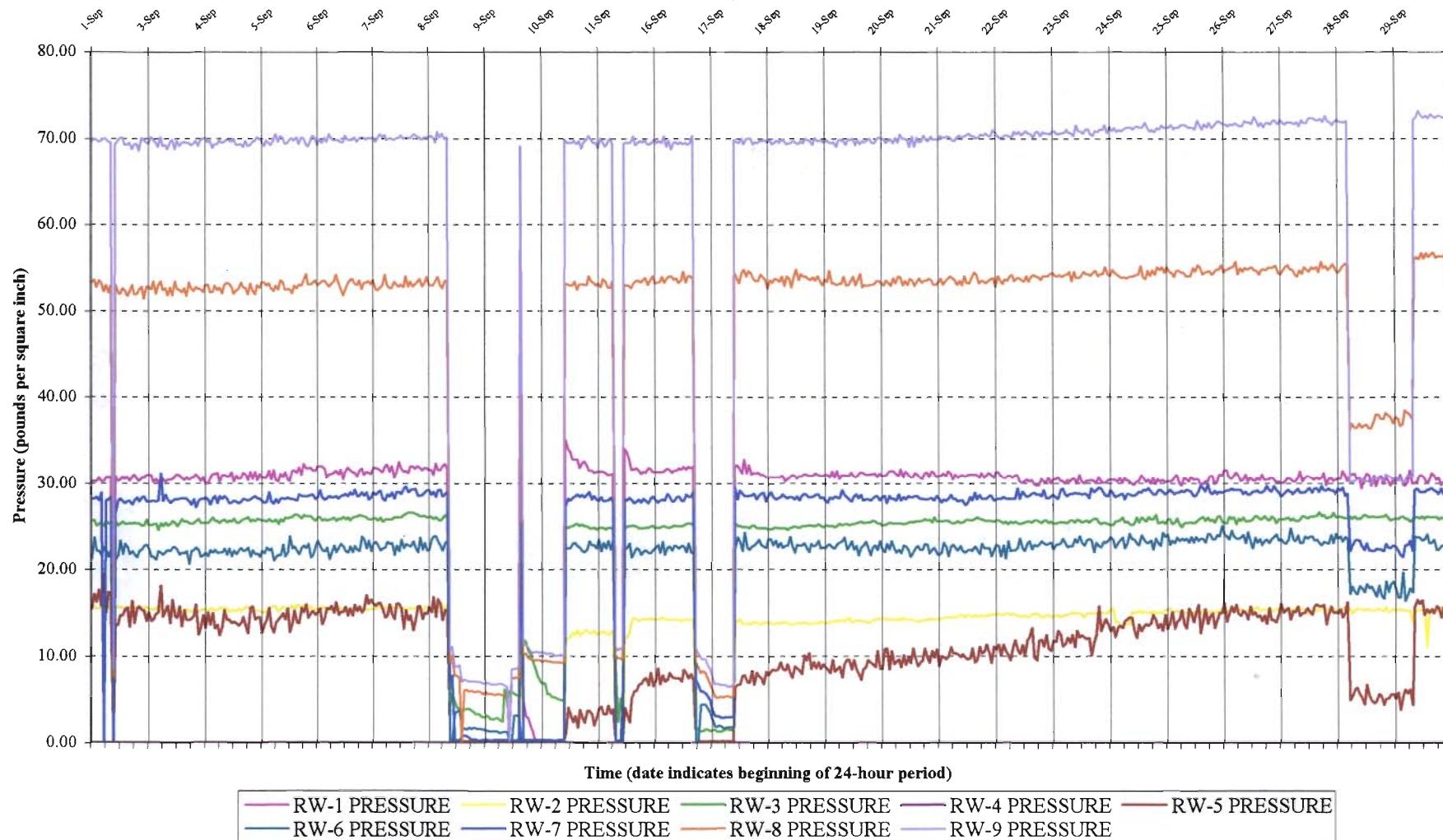
## **GRAPHS**

**GRAPH 1**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

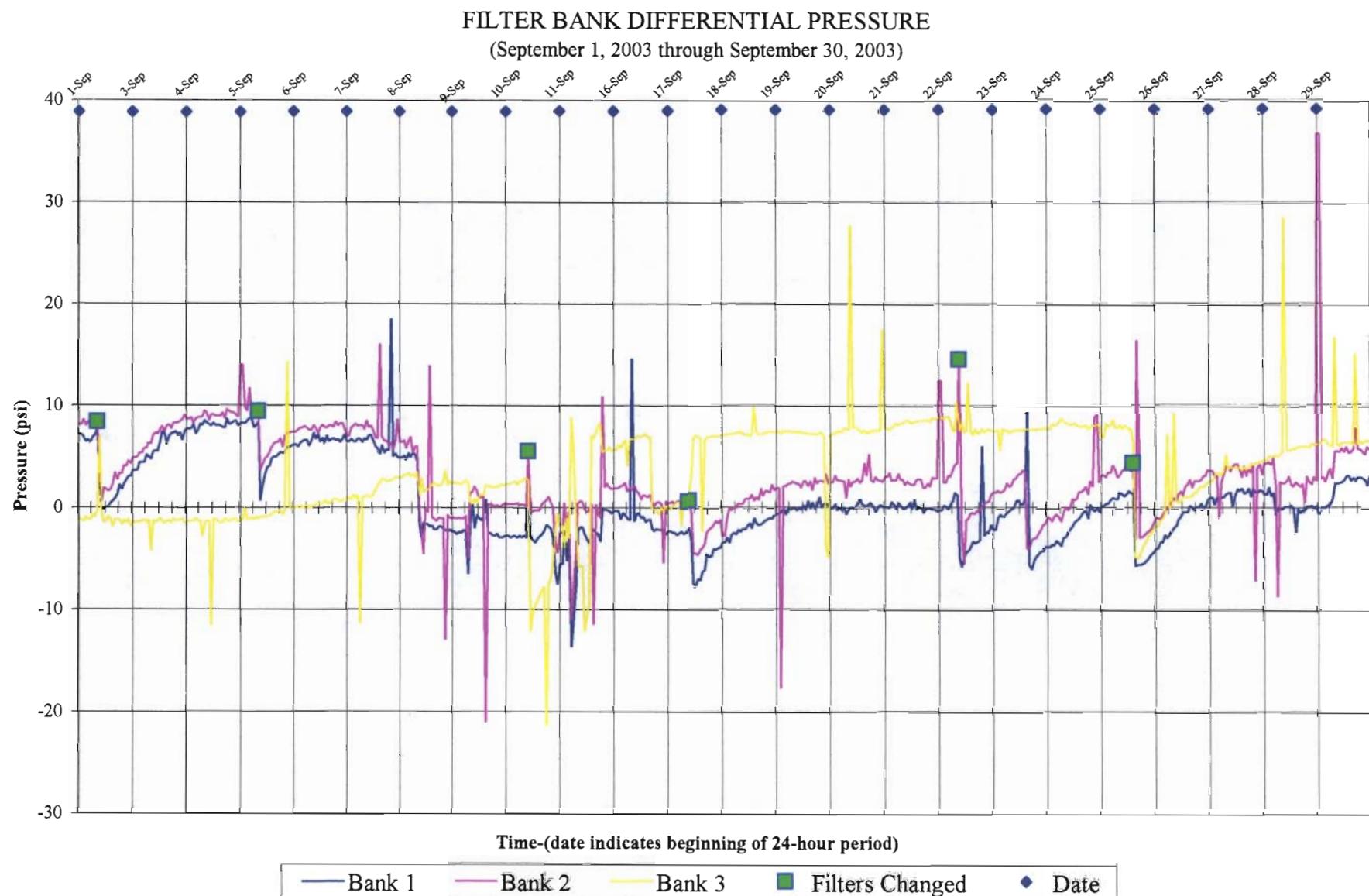


**GRAPH 2**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**RECOVERY WELL PRESSURE DATA**  
(September 1, 2003 through September 30, 2003)

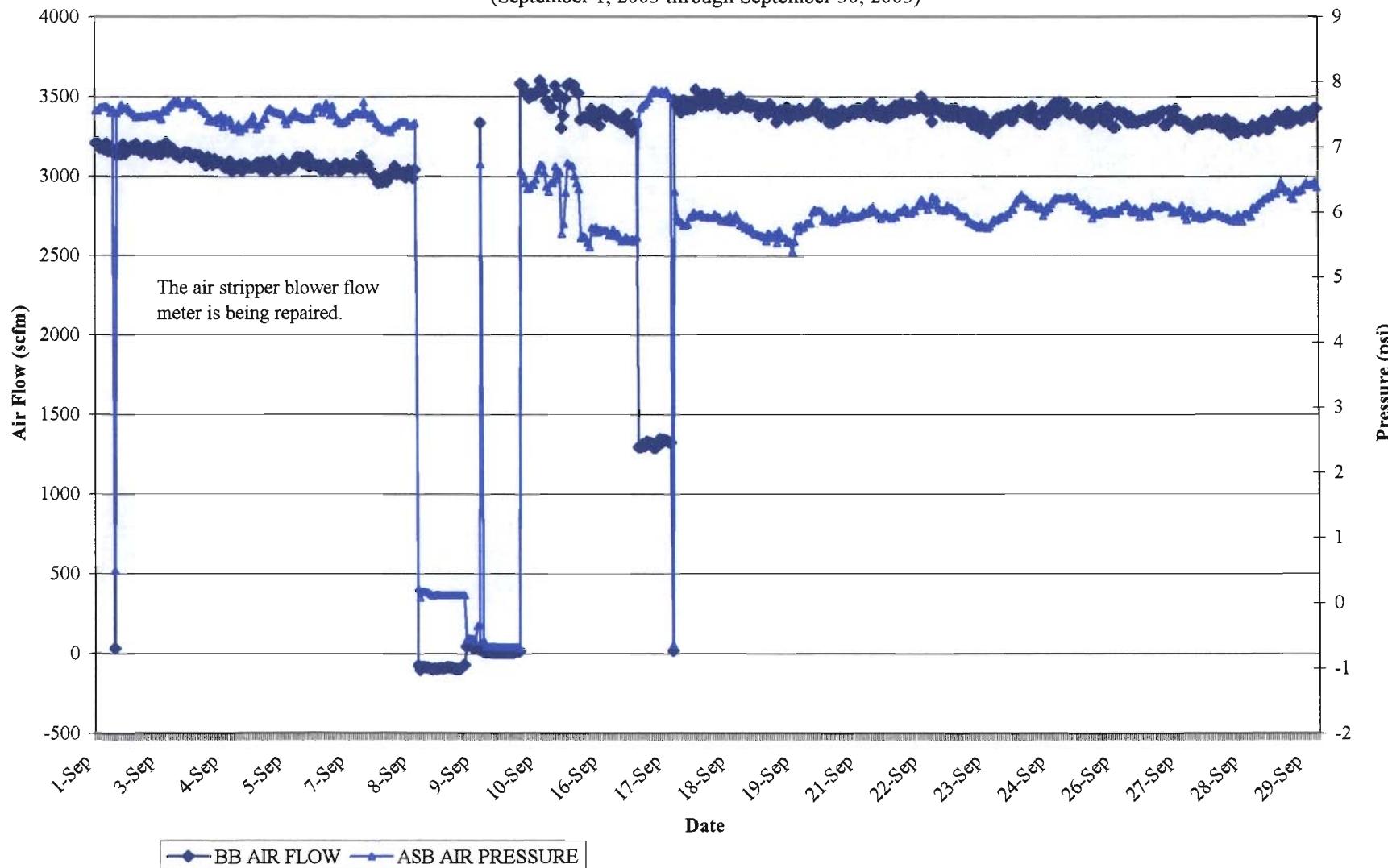


**GRAPH 3**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**



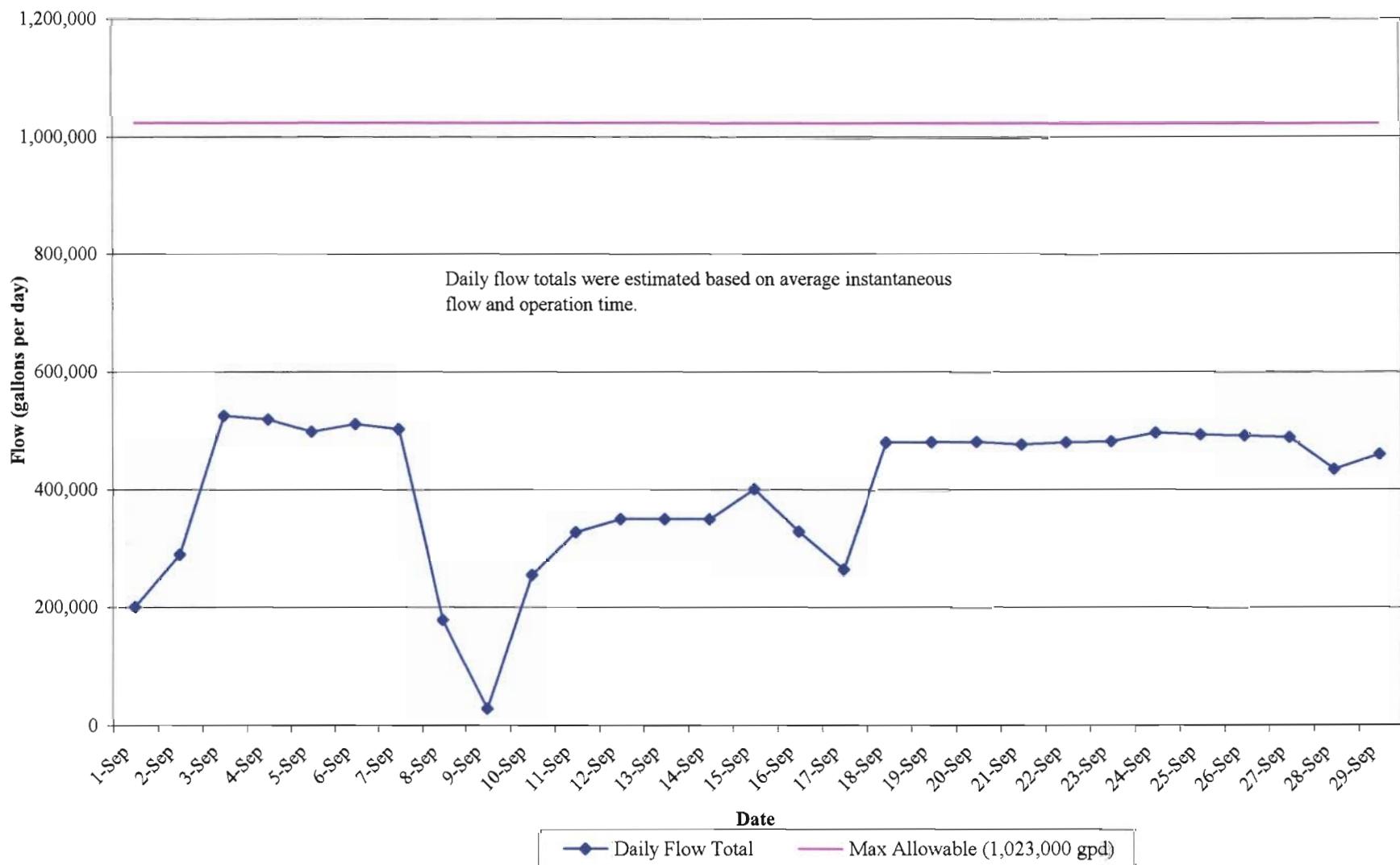
**GRAPH 4**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

AIR STRIPPING TOWER: FLOW AND PRESSURE  
(September 1, 2003 through September 30, 2003)



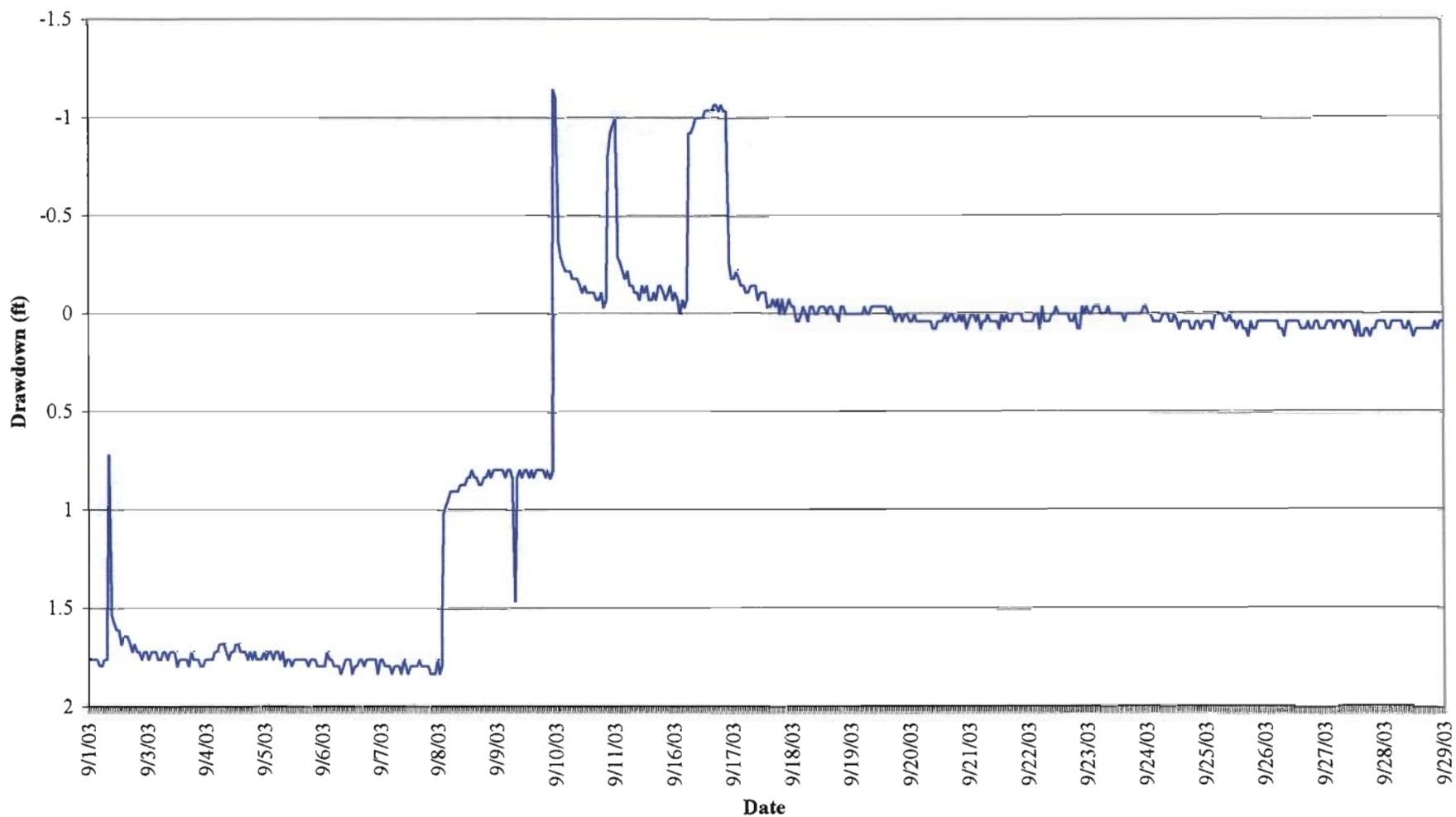
**GRAPH 5**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**EFFLUENT FLOW DATA**  
(September 1, 2003 through September 30, 2003)



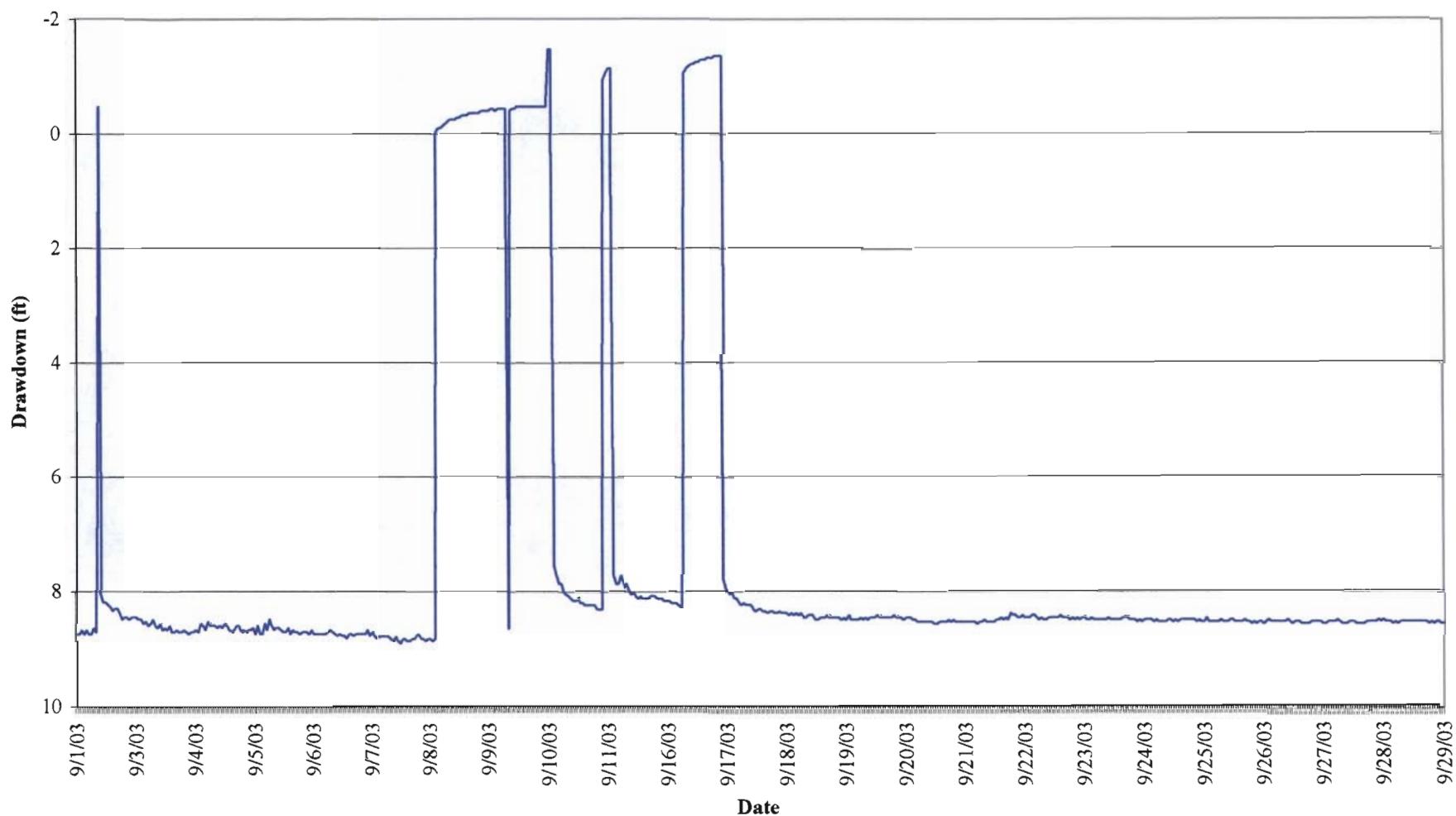
**GRAPH 6**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-1 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



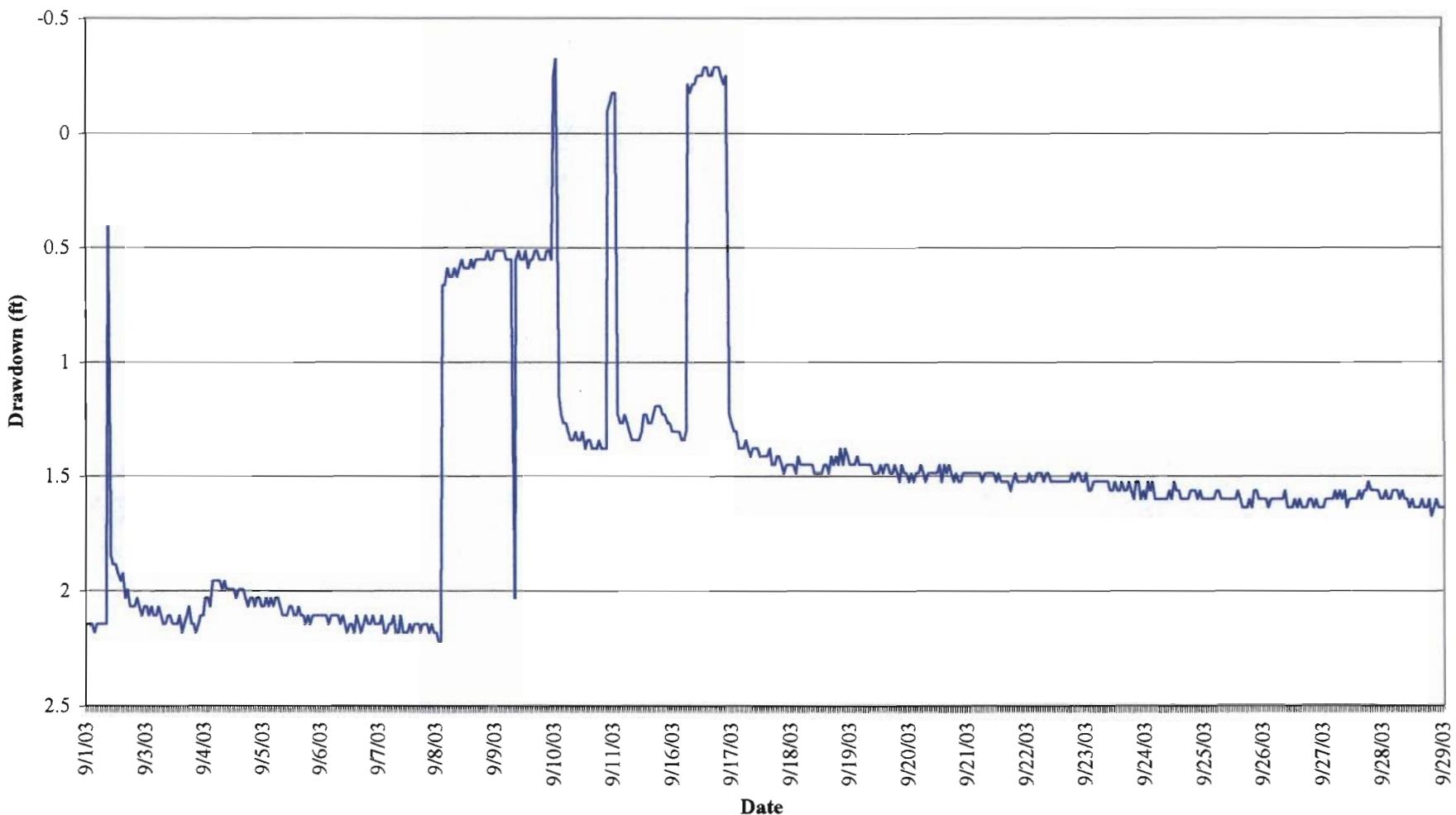
**GRAPH 7**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-2 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



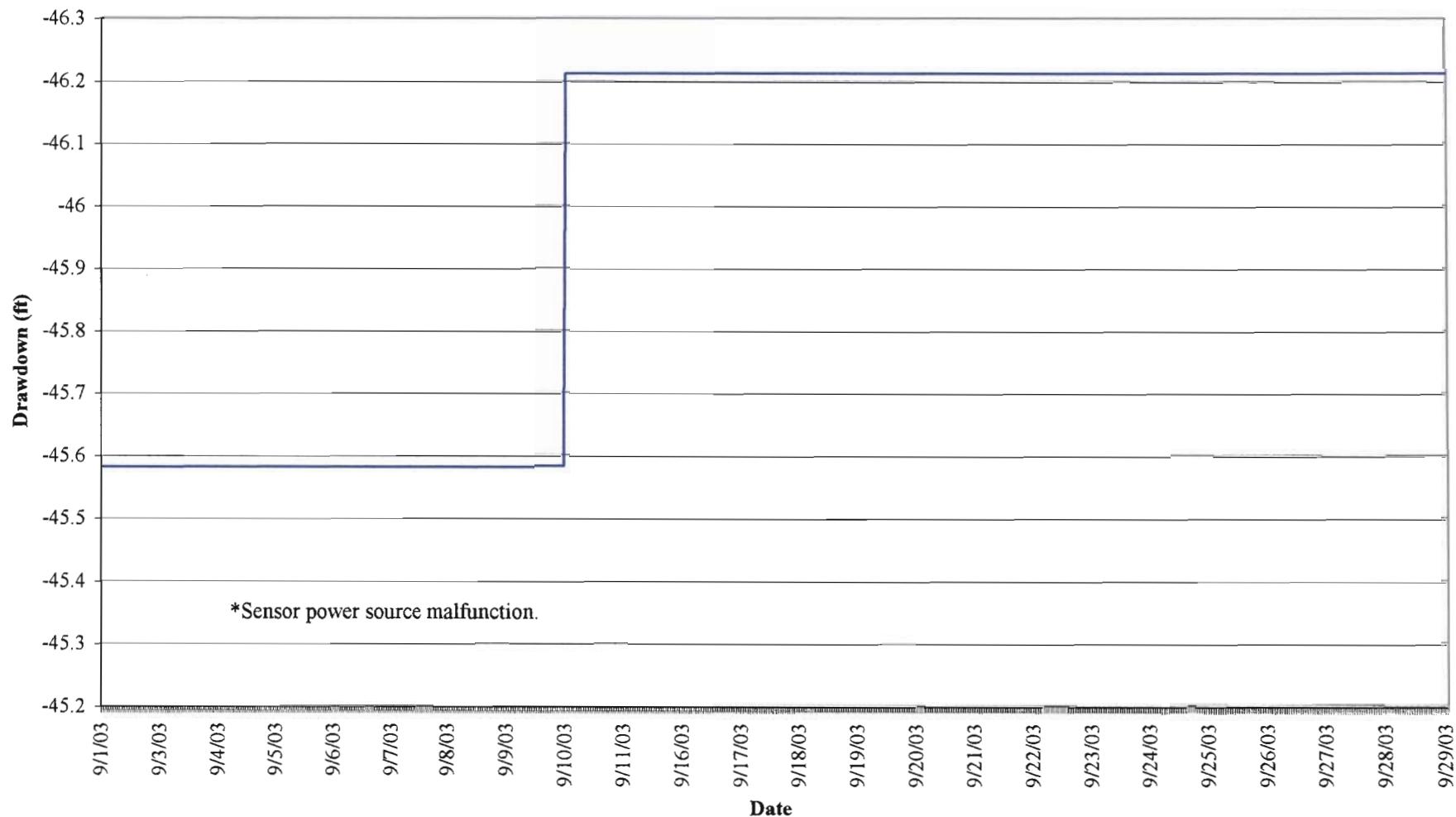
**GRAPH 8**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

RW-3 GROUND-WATER DRAWDOWN  
(September 1, 2003 through September 30, 2003)



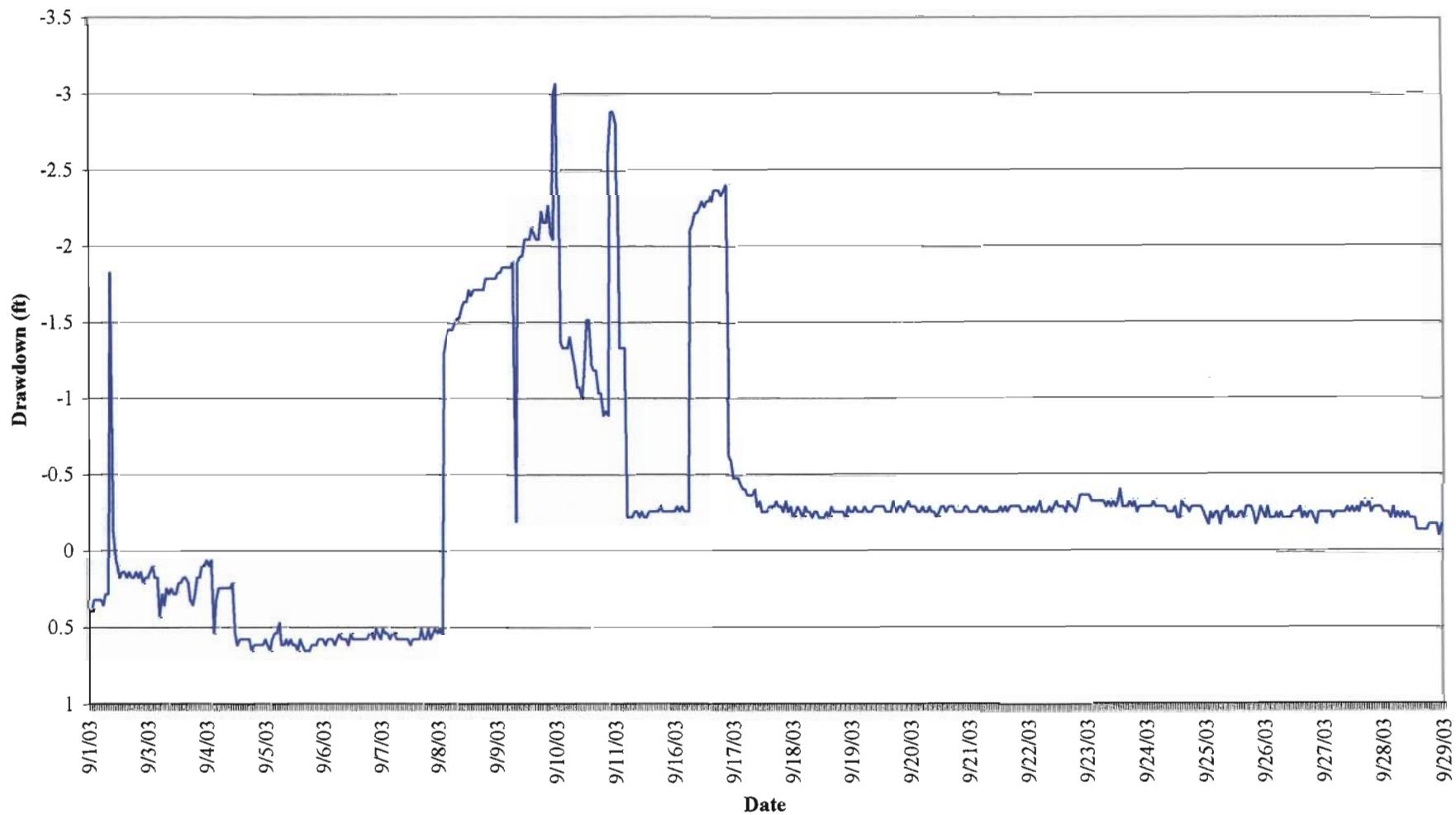
**GRAPH 9**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-4 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



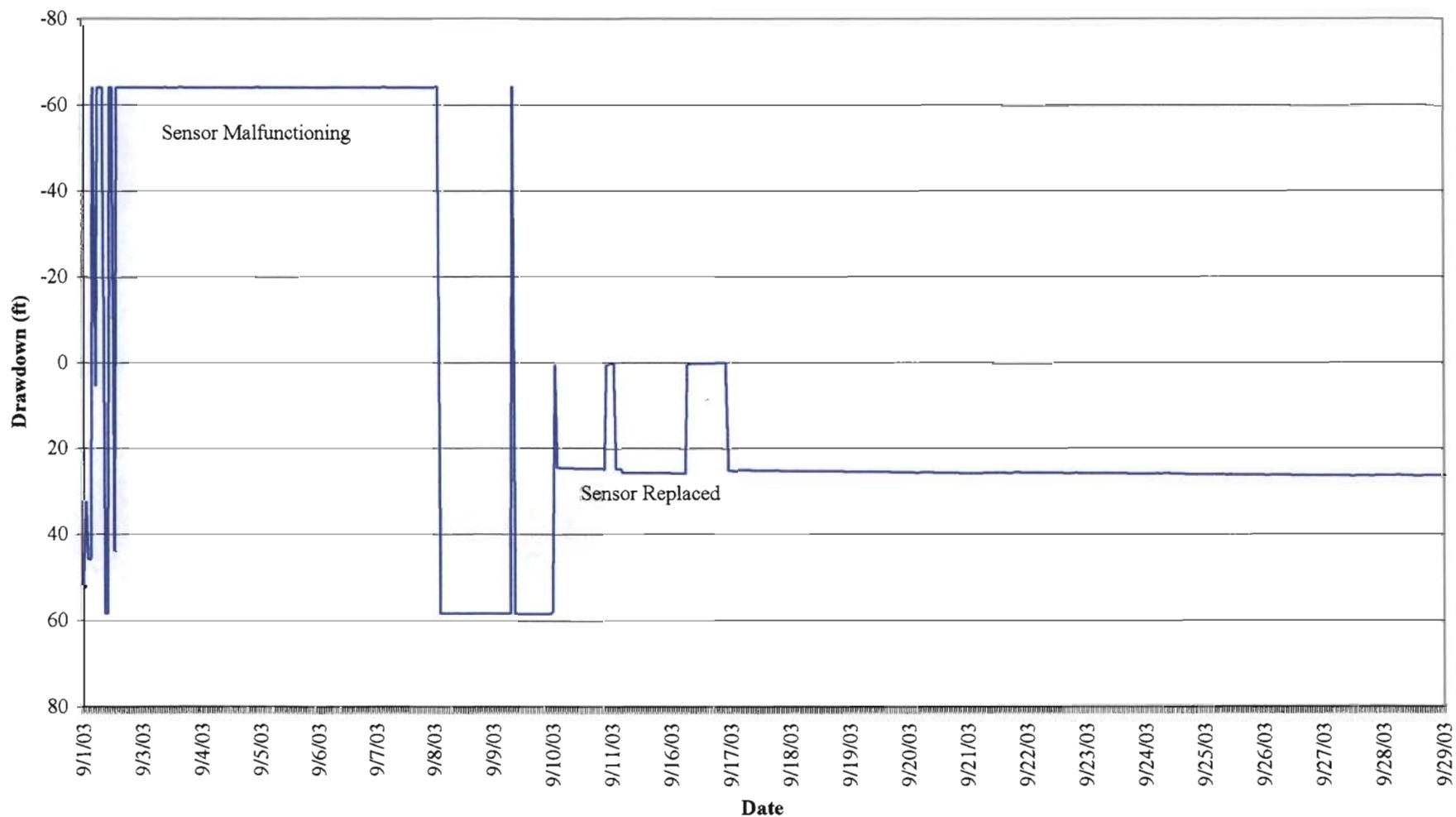
**GRAPH 10**  
GROUN-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

RW-5 GROUND-WATER DRAWDOWN  
(September 1, 2003 through September 30, 2003)



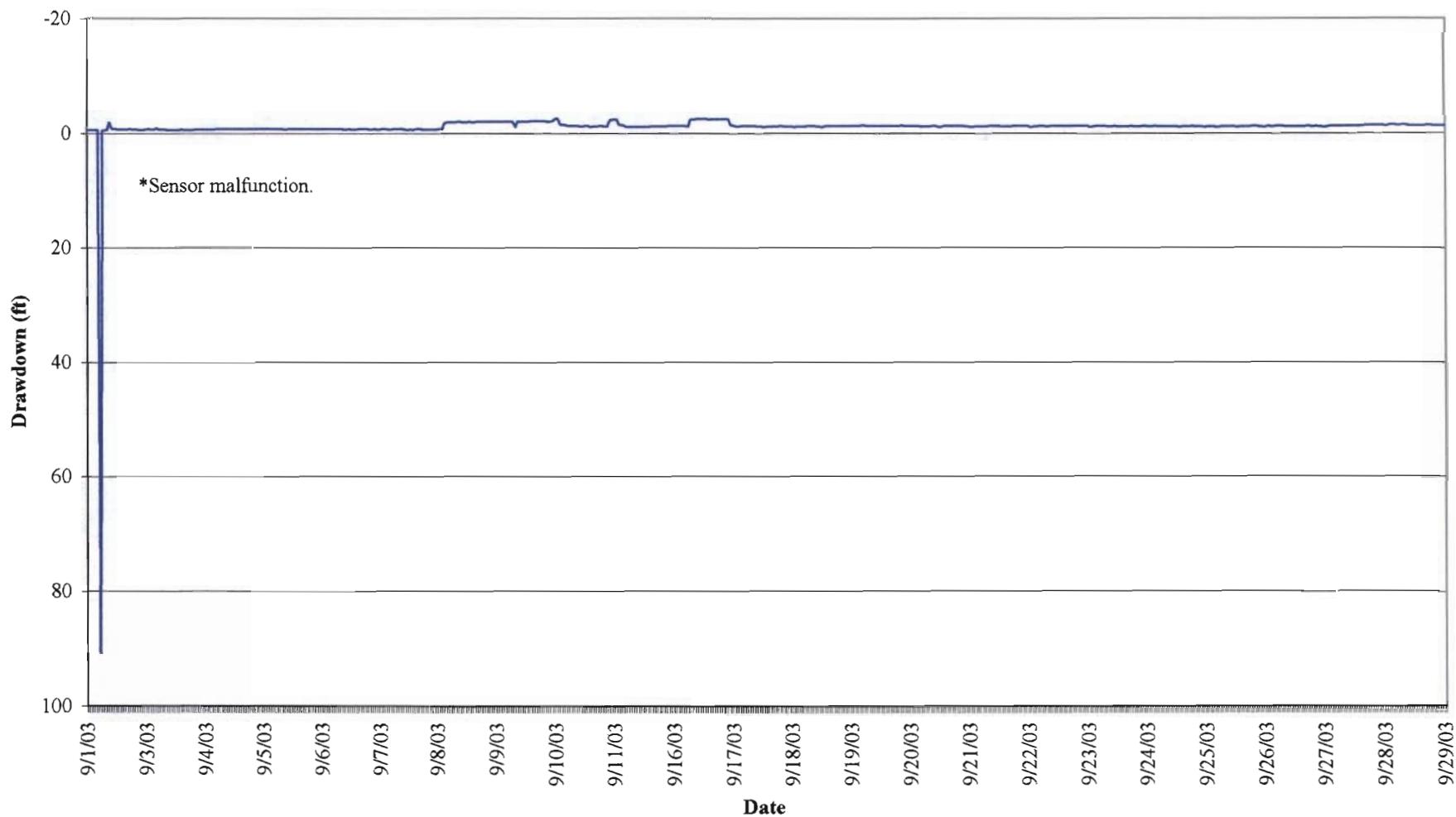
GRAPH 11  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

RW-6 GROUND-WATER DRAWDOWN  
(September 1, 2003 through September 30, 2003)



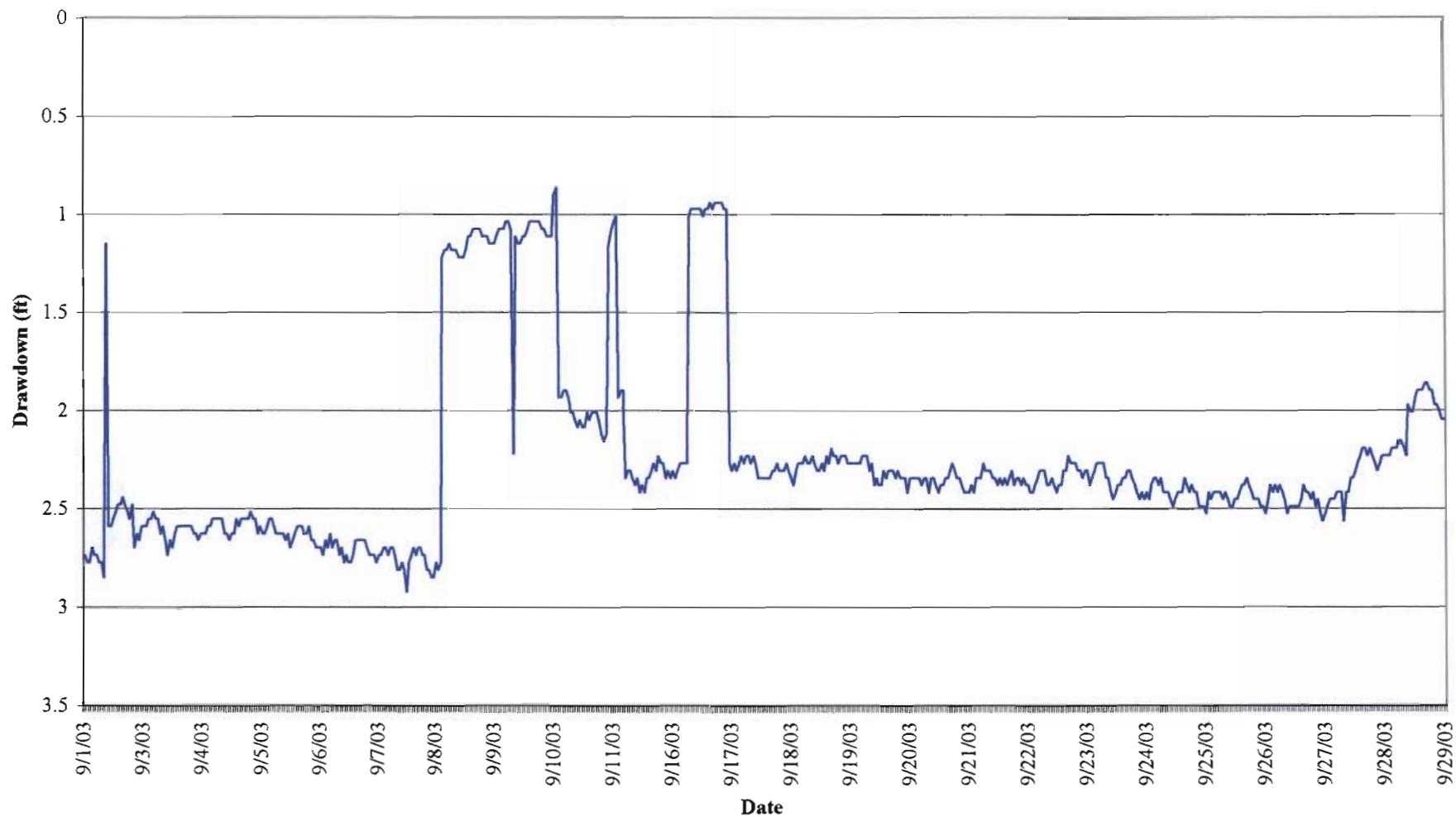
**GRAPH 12**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-7 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



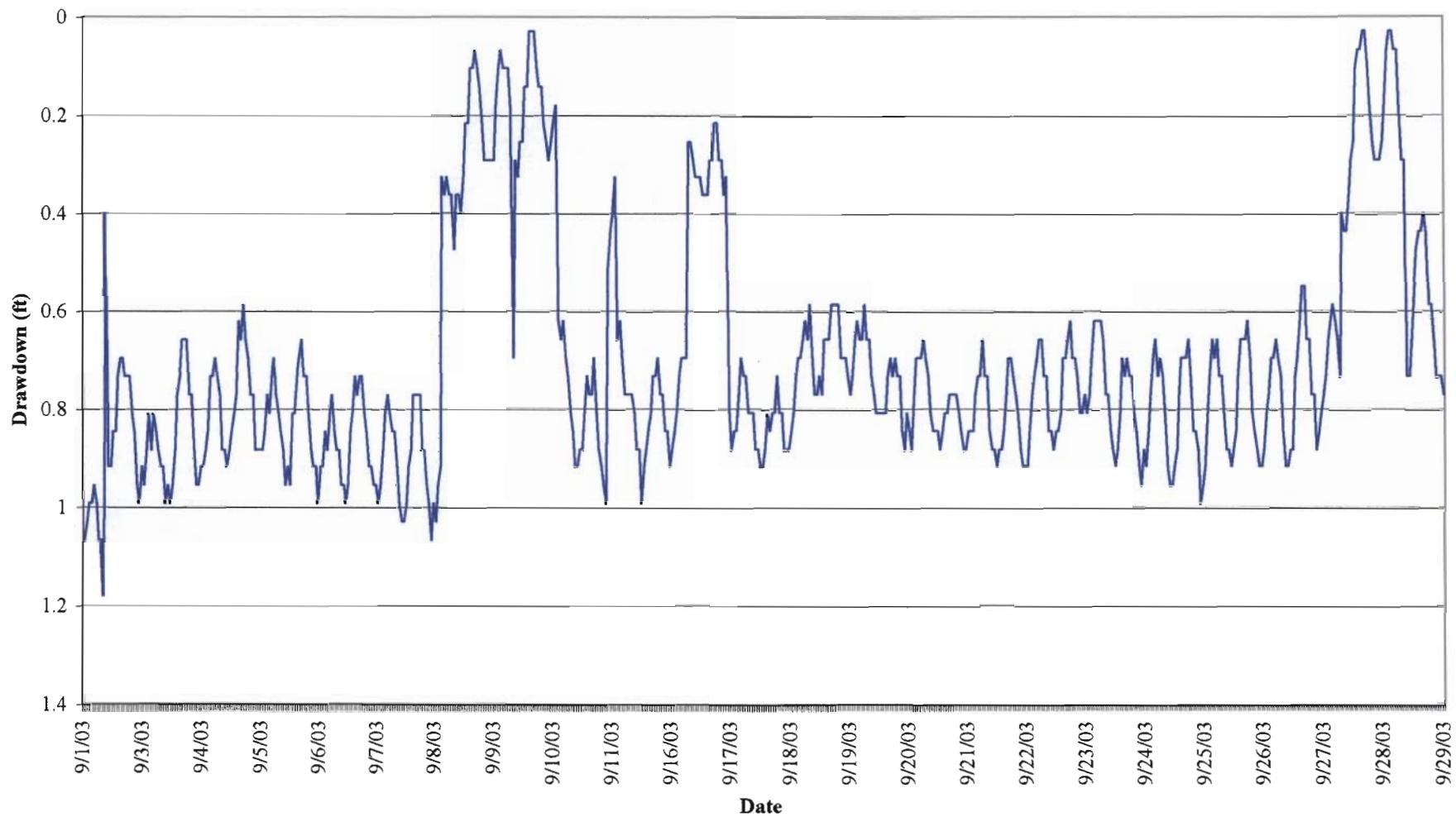
**GRAPH 13**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-8 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



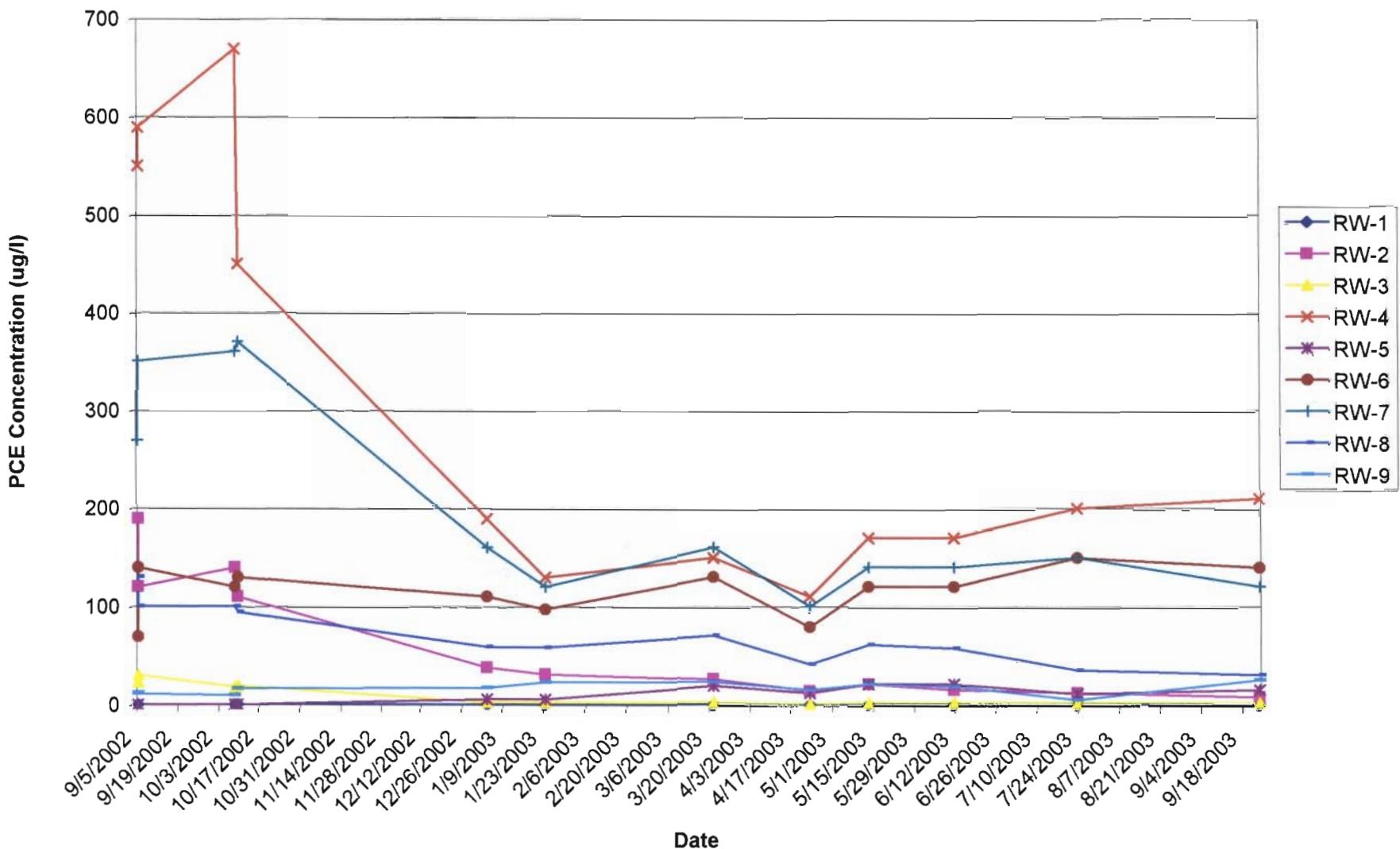
**GRAPH 14**  
GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK

**RW-9 GROUND-WATER DRAWDOWN**  
(September 1, 2003 through September 30, 2003)



**GRAPH 15**  
**GROUND-WATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**RECOVERY WELL PCE CONCENTRATION IN MICROGRAMS PER LITER**



**APPENDIX I**  
**WEEKLY OPERATIONS REPORTS**

Ground-Water Remedial Action  
 Ground-Water Pump and Treat  
 Rowe Industries Superfund Site  
 SAG HARBOR, NEW YORK

**WEEKLY OPERATIONS REPORT**

Report Generated Sunday - Date:

9/1/03 6:56 AM

**Recovery Wells**

Process Value	Units	RW1	RW2	RW3	RW4 <sup>1/</sup>	RW5	RW6 <sup>2/</sup>	RW7 <sup>2/</sup>	RW8	RW9
Well Status	Dilution/ Conc.	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Flow	gpm	25.56	29.97	30.30	1.92	55.08	34.88	70.00	54.59	71.20
Motor Speed	rpm	1740.00	1653.00	1624.00	1305.00	1537.00	1624.00	1450.00	1740.00	1740.00
Percent Speed	%	99.96	94.96	93.30	74.97	88.30	93.30	83.30	99.96	99.96
Motor Current	amps	1.70	2.60	1.70	2.30	2.70	2.70	5.80	5.90	8.70
Discharge Pressure	psi	30.62	15.71	25.57	0.00	15.00	22.28	27.97	52.65	69.94
Static Groundwater Elev.	ft - MSL	57.20	41.32	15.89	30.21	43.28	37.53	31.39	17.97	11.24
Groundwater Drawdown	ft	1.79	8.75	2.14	-45.58	0.36	-64.24	-0.47	2.78	1.07

**Transfer Pumps**

Process Value	Units	TP 1A	TP 1B	TP 2A	TP2B
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto
Pump Status	on/off	Off	On	Off	On
Run Time	hours	2485	2433	2727	1814
Motor Speed	rpm	0.00	1508.00	0.00	1102.00
Percent Speed	%	0.00	86.63	0.00	63.31
Motor Current	amps	0.00	17.00	0.00	15.20
Flow	gpm	386.45		348.61	
Discharge Pressure	psi				
Equalization Tank Level	inches	53.12			
Transfer Tank Level	inches			41.49	
Transfer Tank pH				5.64	
Transfer Tank Conductivity <sup>3/</sup>	uS			-8402.42	

**Multi - Bag Filters**

Process Value	Units	Filter 1	Filter 2	Filter 3 <sup>4/</sup>
Inlet Pressure	psi	22.74	23.60	0.89
Outlet Pressure	psi	16.03	15.23	1.91
Differential Pressure	psi	6.71	8.91	-1.02

**Air Stripper Blowers**

Process Value	Units	AS. Blower <sup>5/</sup>	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	-63.03	3156.45
Discharge Pressure	in WC	7.60	28.86
Motor Current	amps	8.09	23.42
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

**Recharge Basins**

Process Value	Units	Primary	Secondary
Basin Flow	gpm	390.77	0.00
Basin Level	inches	18.40	-0.07
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.29	

- Notes: 1. RW-4 sensor is malfunctioning.  
 2. RW-6 and RW-7 pressure transducers malfunctioning.  
 3. Transfer Tank Conductivity meter is malfunctioning.  
 4. Filter Bank 3 is not being used.  
 5. The air stripper blower flow meter is malfunctioning.

**Ground-Water Remedial Action  
Ground-Water Pump and Treat  
Rowe Industries Superfund Site  
SAG HARBOR, NEW YORK**

**WEEKLY OPERATIONS REPORT**

Report Generated Sunday - Date:

9/8/03 6:56 AM

Recovery Wells											
Process Value	Units	RW1	RW2	RW3	RW4 <sup>1/</sup>	RW5	RW6 <sup>2/</sup>	RW7 <sup>2/</sup>	RW8	RW9	
Well Status	Dilution/ Conc.	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	
Flow	gpm	26.05	30.84	29.97	1.92	54.86	34.77	70.11	51.54	68.42	
Motor Speed	rpm	1740.00	1682.00	1653.00	1305.00	1537.00	1653.00	1450.00	1740.00	1740.00	
Percent Speed	%	99.96	96.63	94.96	74.97	88.30	94.96	83.30	99.96	99.96	
Motor Current	amps	1.70	2.70	1.70	2.30	2.70	2.70	5.90	5.90	8.70	
Discharge Pressure	psi	31.98	15.64	25.89	0.00	14.11	22.12	29.73	52.57	70.58	
Static Groundwater Elev.	ft - MSL	57.20	41.32	15.89	30.21	43.28	37.53	31.39	17.97	11.24	
Groundwater Drawdown	ft	1.76	8.82	2.18	-45.58	0.54	-64.24	-0.73	2.78	1.03	

Transfer Pumps					
Process Value	Units	TP 1A	TP 1B	TP 2A	TP2B
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto
Pump Status	on/off	Off	On	Off	On
Run Time	hours	2485	2576	2727	1957
Motor Speed	rpm	0.00	1508.00	0.00	1044.00
Percent Speed	%	0.00	86.63	0.00	59.98
Motor Current	amps	0.00	17.00	0.00	14.50
Flow	gpm	367.73		338.64	
Discharge Pressure	psi				
Equalization Tank Level	inches		53.12		
Transfer Tank Level	inches			40.99	
Transfer Tank pH				5.52	
Transfer Tank Conductivity <sup>3/</sup>	uS			-11933.89	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3 <sup>4/</sup>
Inlet Pressure	psi	21.09	21.97	2.72
Outlet Pressure	psi	15.85	16.14	-0.49
Differential Pressure	psi	5.24	5.90	3.21

Air Stripper Blowers			
Process Value	Units	AS. Blower <sup>5/</sup>	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	-107.49	3007.17
Discharge Pressure	in WC	7.31	27.72
Motor Current	amps	8.13	23.52
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	409.29	0.00
Basin Level	inches	26.31	0.22
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.34	

- Notes: 1. RW-4 sensor is malfunctioning.  
 2. RW-6 and RW-7 pressure transducers malfunctioning.  
 3. Transfer Tank Conductivity meter is malfunctioning.  
 4. Filter Bank 3 is not being used.  
 5. The air stripper blower flow meter is malfunctioning.

**Ground-Water Remedial Action  
Ground-Water Pump and Treat  
Rowe Industries Superfund Site  
SAG HARBOR, NEW YORK**

**WEEKLY OPERATIONS REPORT**

Report Generated Sunday - Date:

9/22/03 6:57 AM

Recovery Wells											
Process Value	Units	RW1	RW2	RW3	RW4 <sup>1/</sup>	RW5	RW6	RW7 <sup>2/</sup>	RW8	RW9	
Well Status	Dilution/ Conc.	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	
Flow	gpm	25.61	29.42	29.97	1.92	55.08	34.99	69.95	49.47	67.55	
Motor Speed	rpm	1740.00	1711.00	1624.00	1305.00	1537.00	1653.00	1479.00	1740.00	1740.00	
Percent Speed	%	99.96	98.29	93.30	74.97	88.30	94.96	83.30	99.96	99.96	
Motor Current	amps	1.70	2.70	1.70	2.30	2.60	2.70	5.90	5.90	8.70	
Discharge Pressure	psi	30.94	14.75	25.49	0.00	9.47	22.05	28.13	54.01	70.42	
Static Groundwater Elev.	ft - MSL	59.14	42.32	16.73	30.84	44.12	38.05	31.86	18.18	11.24	
Groundwater Drawdown	ft	0.04	8.45	1.53	-46.21	-0.26	25.76	-1.20	2.34	0.85	

Transfer Pumps					
Process Value	Units	TP 1A	TP 1B	TP 2A	TP2B
Pump Control Mode	Hand/Off/Auto	Off	Auto	Off	Auto
Pump Status	on/off	Off	On	Off	On
Run Time	hours	2485	2841	2727	2223
Motor Speed	rpm	0.00	1537.00	0.00	1044.00
Percent Speed	%	0.00	88.30	0.00	59.98
Motor Current	amps	0.00	17.10	0.00	14.70
Flow	gpm	381.11		336.16	
Discharge Pressure	psi				
Equalization Tank Level	inches	53.56			
Transfer Tank Level	inches			40.99	
Transfer Tank pH				5.59	
Transfer Tank Conductivity <sup>3/</sup>	uS			-9877.80	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3 <sup>4/</sup>
Inlet Pressure	psi	18.50	19.26	5.28
Outlet Pressure	psi	17.52	15.29	-2.45
Differential Pressure	psi	0.98	3.97	7.73

Air Stripper Blowers			
Process Value	Units	AS. Blower <sup>5/</sup>	Booster <sup>6/</sup>
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	5181.98	3496.82
Discharge Pressure	in WC	6.17	22.25
Motor Current	amps	8.30	23.92
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	406.90	0.00
Basin Level	inches	37.68	0.73
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.37	

- Notes: 1. RW-4 sensor is malfunctioning.  
 2. RW-7 pressure transducer is malfunctioning.  
 3. Transfer Tank Conductivity meter is malfunctioning.  
 4. Filter Bank 3 is not being used.  
 5. The air stripper blower flow meter is malfunctioning.

Ground-Water Remedial Action  
 Ground-Water Pump and Treat  
 Rowe Industries Superfund Site  
 SAG HARBOR, NEW YORK

**WEEKLY OPERATIONS REPORT**

Report Generated Sunday - Date:

9/29/03 6:56 AM

Recovery Wells											
Process Value	Units	RW1	RW2	RW3	RW4 <sup>1/</sup>	RW5	RW6	RW7 <sup>2/</sup>	RW8	RW9 <sup>3/</sup>	
Well Status	Dilution/ Conc.	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	
Pump Control Mode	Hand/Off/Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	
Flow	gpm	24.25	28.07	29.97	1.92	55.02	34.88	69.95	63.36	0.00	
Motor Speed	rpm	1740.00	1740.00	1653.00	1305.00	1479.00	1566.00	1421.00	1740.00	0.00	
Percent Speed	%	99.96	99.96	94.96	74.97	84.97	89.96	81.63	99.96	0.00	
Motor Current	amps	1.70	2.70	1.70	2.30	2.70	2.70	5.70	5.90	0.00	
Discharge Pressure	psi	31.58	15.31	25.49	0.00	6.18	17.79	23.33	38.07	30.94	
Static Groundwater Elev.	ft - MSL	59.14	42.32	16.73	30.84	44.12	38.05	31.86	18.18	11.24	
Groundwater Drawdown	ft	0.04	8.52	1.56	-46.21	-0.22	26.35	-1.42	2.19	0.29	

Transfer Pumps					
Process Value	Units	TP 1A	TP 1B	TP 2A	TP2B
Pump Control Mode	Hand/Off/Auto	Off	Auto	Off	Auto
Pump Status	on/off	Off	On	Off	On
Run Time	hours	2485	3009	2727	2391
Motor Speed	rpm	0.00	1392.00	0.00	1015.00
Percent Speed	%	0.00	79.97	0.00	58.31
Motor Current	amps	0.00	15.40	0.00	14.00
Flow	gpm	330.63		287.25	
Discharge Pressure	psi				
Equalization Tank Level	inches	46.13			
Transfer Tank Level	inches			40.21	
Transfer Tank pH				5.70	
Transfer Tank Conductivity <sup>4/</sup>	uS			-6707.31	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3 <sup>5/</sup>
Inlet Pressure	psi	17.43	18.46	6.88
Outlet Pressure	psi	16.88	14.97	0.75
Differential Pressure	psi	0.55	3.48	6.12

Air Stripper Blowers			
Process Value	Units	AS. Blower <sup>6/</sup>	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	5181.98	3354.51
Discharge Pressure	in WC	6.44	22.37
Motor Current	amps	8.13	23.37
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins <sup>7/</sup>			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	221.13	6.42
Basin Level	inches	41.83	0.96
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.07	

- Notes: 1. RW-4 sensor is malfunctioning.  
 2. RW-7 pressure transducer is malfunctioning.  
 3. RW-9 not operating due to a low-flow alarm.  
 4. Transfer Tank Conductivity meter is malfunctioning.  
 5. Filter Bank 3 is not being used.  
 6. The air stripper blower flow meter is malfunctioning.  
 7. Flow is distributed to both basins.

**APPENDIX II**  
**CALCULATIONS OF VOC RECOVERY BY GROUND-WATER SYSTEM**

**APPENDIX II**

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**CALCULATION OF VOC RECOVERY BY THE GROUND-WATER RECOVERY SYSTEM**

Calculated by: Mark M. Goldberg

Checked by: Alfred N. Kovalik

**STATEMENT OF PROBLEM:**

Calculate the quantity of VOCs recovered from the ground-water recovery system. VOC concentrations are from samples collected from system influent. Concentrations reported as below the method detection limit are shown as 0.

**PROBLEM CONSTRAINTS:**

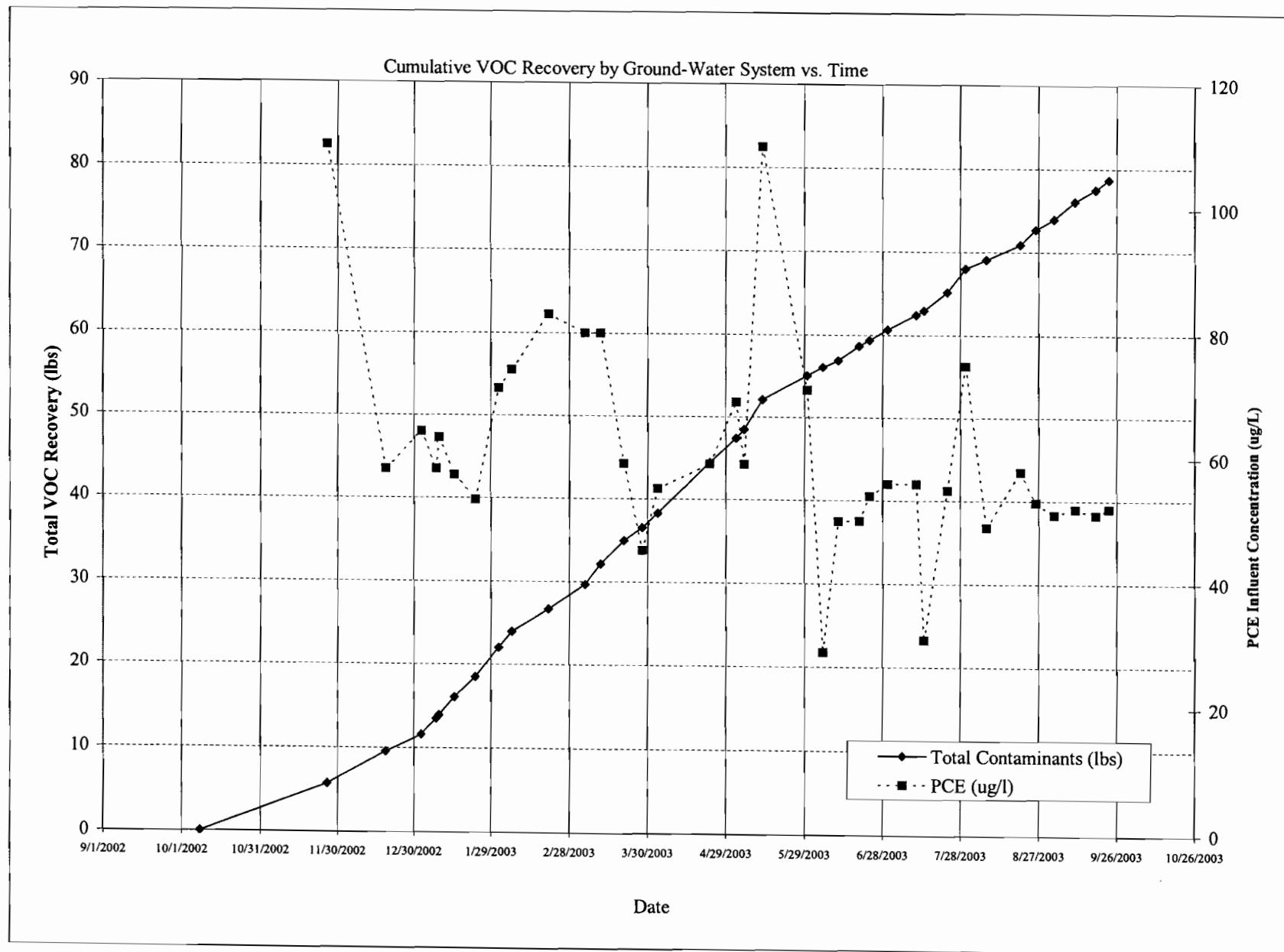
Date	PCE (ug/l)	TCE (ug/l)	TCA (ug/l)	cis-1,2-dichloroethene (ug/l)	Isopropyl benzene (ug/l)	Chloroform (ug/l)	Toluene (ug/l)
11/26/02 - 8/26/03	1,994	55	61	1	0	2	0
9/2/2003	51	0	2.5	0	0	0	0
9/10/2003	52	1.5	2.3	0	0	0	20
9/18/2003	51	1.9	1.7	0	0	0	0
9/23/2003	52	1.9	1.5	0	0	0	0

**CALCULATION:**

$$\text{Recovery (lbs)} = \text{Concentration (ug/l)} \times \text{Volume Pumped (gal)} \times 1 \text{ lb}/453,590,000 \text{ ug} \times 3.785 \text{ l/gal}$$

Date	Volume Pumped (gal) <sup>1,2</sup>	PCE (lbs)	TCE (lbs)	TCA (lbs)	cis-1,2-dichloroethene (lbs)	Isopropyl benzene (lbs)	Chloroform (lbs)	Toluene (lbs)	Total Contaminants (lbs)	Cumulative VOC's (lbs)
11/26/02 - 8/26/03	129,385,000	68.8	1.9	2.0	0.05	0.0	0.04	0.0	72.7	72.7
9/2/03	2,750,567	1.2	0.0	0.1	0.0	0.0	0.0	0.0	1.2	73.9
9/10/03	3,330,308	1.4	0.0	0.1	0.0	0.0	0.0	0.6	2.1	76.0
9/18/03	3,100,314	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	77.4
9/23/03	2,550,987	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	78.6
<b>Totals:</b>	<b>141,117,176</b>	<b>73.8</b>	<b>2.0</b>	<b>2.2</b>	<b>0.05</b>	<b>0.0</b>	<b>0.04</b>	<b>0.6</b>	<b>78.6</b>	<b>-</b>

- Notes:
1. The volume pumped in September is an estimated value due to a totalizer malfunction.
  2. Equalization tank totalizer meter reading recorded on 11/26/02 includes groundwater pumped during the Initial Testing Program.



**APPENDIX III**  
**AUGUST 2003 LABORATORY ANALYTICAL REPORTS**

September 10, 2003

Paul Jobmann  
Legette Brashears & Graham Inc.  
126 Monroe Turnpike  
Trumball, CT 06611  
TEL: (203) 452-3110  
FAX (203) 452-3111

RE: Rowe Industries

Order No.: 0309019

Dear Paul Jobmann:

American Analytical Laboratories, Inc. received 3 samples on 9/5/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

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

Sincerely,

*Karen Kelly for*

Lori Beyer  
Lab Director

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Project:** Rowe Industries  
**Lab Order:** 0309019

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0309019-01A	WQ090203:1110NP2-6		9/2/2003	9/5/2003
0309019-01B	WQ090203:1110NP2-6		9/2/2003	9/5/2003
0309019-01C	WQ090203:1110NP2-6		9/2/2003	9/5/2003
0309019-02A	WQ090203:1115NP2-6	2-7	9/2/2003	9/5/2003
0309019-02B	WQ090203:1115NP2-6	2-7	9/2/2003	9/5/2003
0309019-02C	WQ090203:1115NP2-6	2-7	9/2/2003	9/5/2003
0309019-03A	WQ090203:1105NP2-6	2-10	9/2/2003	9/5/2003
0309019-03B	WQ090203:1105NP2-6	2-10	9/2/2003	9/5/2003
0309019-03C	WQ090203:1105NP2-6	2-10	9/2/2003	9/5/2003
0309019-03D	WQ090203:1105NP2-6	2-10	9/2/2003	9/5/2003

**AMERICAN ANALYTICAL LABORATORIES, INC.**  
**56 TOLEDO STREET**  
**FARMINGDALE, NEW YORK 11735**  
**TELEPHONE: (631) 454-6100 FAX: (631) 454-8027**

**DATA REPORTING QUALIFERS**

For reporting results, the following "Results Qualifiers" are used:

- |          |   |
|----------|---|
| <b>V</b> | If the result is greater than or equal to the detection limit, report the value   |
| <b>U</b> | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.  |
| <b>J</b> | Indicates an estimated value. The flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others. |
| <b>B</b> | Indicates the analyte was found in the blank as well as the sample report "10B".  |
| <b>E</b> | Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.   |
| <b>D</b> | This flag identifies all compounds identified in an analysis at a secondary dilution factor.  |
| <b>P</b> | This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".   |
| <b>N</b> | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.  |

**American Analytical Laboratories, Inc.**

Date: /0-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowe Industries  
**Lab ID:** 0309019-01A

**Client Sample ID:** WQ090203:1110NP2-6  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1,1-Trichloroethane	2.5	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
2-Butanone	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
2-Chlorololuene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
2-Hexanone	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Acetone	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Benzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Bromobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Bromoform	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Bromomethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Chloroethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowe Industries  
**Lab ID:** 0309019-01A

**Client Sample ID:** WQ090203:1110NP2-6  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Chloromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Dibromomethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/6/2003 9:00:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Methylene chloride	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Naphthalene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
o-Xylene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Styrene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Tetrachloroethene	51	1.0		µg/L	1	9/6/2003 9:00:00 PM
Toluene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Trichloroethene	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/6/2003 9:00:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/6/2003 9:00:00 PM

**Qualifier:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ090203:1110NP2-6
<b>Lab Order:</b>	0309019	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/2/2003
<b>Lab ID:</b>	0309019-01B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	2.58	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/8/2003 11:40:23 AM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	L - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowe Industries  
**Lab ID:** 0309019-01C

**Client Sample ID:** WQ090203:1110NP2-6  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.116	E200.7	0.0200	(SW3005A) mg/L	1	Analyst: JP 9/8/2003 11:38:18 AM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank * - Value exceeds Maximum Contaminant Level	S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits E - Value above quantitation range
--------------------	--	---

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowc Industries  
**Lab ID:** 0309019-02A

**Client Sample ID:** WQ090203:1115NP2-6  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
1,4-Dichlorobenzene	V	1.0		µg/L	1	9/6/2003 9:38:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
2-Butanone	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
2-Hexanone	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
4-isopropyltoluene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Acetone	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Benzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Bromobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Bromoform	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Bromomethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Chloroethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.**Client Sample ID:** WQ090203:1115NP2-G**Lab Order:** 0309019**Tag Number:****Project:** Rowe Industries**Collection Date:** 9/2/2003**Lab ID:** 0309019-02A**Matrix:** LIQUID

<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>				<b>SW8260B</b>		<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Chloromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Dibromomethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/6/2003 9:38:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Methylene chloride	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Naphthalene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
o-Xylene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Styrene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Toluene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Trichloroethene	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/6/2003 9:38:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/6/2003 9:38:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowe Industries  
**Lab ID:** 0309019-02B

**Client Sample ID:** WQ090203:111SNP2-6  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	0.698	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/8/2003 11:45:35 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ090203:1115NP2-6
Lab Order:	0309019	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/2/2003
Lab ID:	0309019-02C	Matrix:	Liquid

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON iron	0.186	E200.7	0.0200	(SW3005A) mg/L	1	Analyst: JP 9/8/2003 11:43:02 AM

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
• - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309019  
**Project:** Rowe Industries  
**Lab ID:** 0309019-03A

**Client Sample ID:** WQ090203:1105NP2-G  
**Tag Number:**  
**Collection Date:** 9/2/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
2-Butanone	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
2-Hexanone	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Acetone	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Benzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Bromobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Bromoform	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Bromomethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Chloroethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.      **Client Sample ID:** WQ090203:1105NP2-6  
**Lab Order:** 0309019      **Tag Number:**  
**Project:** Rowe Industries      **Collection Date:** 9/2/2003  
**Lab ID:** 0309019-03A      **Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Chloromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Dibromomethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/6/2003 10:18:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Methylene chloride	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Naphthalene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
o-Xylene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Styrene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Toluene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Trichloroethene	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/6/2003 10:18:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/6/2003 10:18:00 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ090203:1105NP2-6
<b>Lab Order:</b>	0309019	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/2/2003
<b>Lab ID:</b>	0309019-03B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	1.65	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/8/2003 11:51:41 AM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	M - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.****Date:** 10-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ090203:1105NP2-6
<b>Lab Order:</b>	0309019	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/2/2003
<b>Lab ID:</b>	0309019-03C	<b>Matrix:</b>	LIQUID

<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>DISSOLVED IRON</b> Iron	0.178	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/8/2003 11:48:47 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 L - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 10-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ090203:1105NP2-6
<b>Lab Order:</b>	0309019	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/2/2003
<b>Lab ID:</b>	0309019-03D	<b>Matrix:</b>	LIQUID

<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	99	E160.1 1.0		mg/L	1	Analyst: BK 9/5/2003

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	



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NYSDOH CLAP 11418  
CTDOH PH-0205  
NJDEP NY050  
PADEP 68-573

SENT BY: AMERICAN

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>LSG</i> <i>Toronto, CT</i>		CONTACT: <i>Paul Johnson</i>	SAMPLER (SIGNATURE)	DATE	TIME	SAMPLE(S) SEALED	YES / NO
		SAMPLER NAME (PRINT)				CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: <i>Roxane Industries</i>		ANALYSIS REQUIRED <i>P180 + P185 + P186 + P187 Take 1/3 Dissolved TDS</i>					
LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)		
0309019- 01A 01B 02A 02B 03A 03B 03C	L	G		WQ090203:1116NP2-6	X	X	X
0309019- 02A 02B 03A 03B 03C				WQ090203:1115NP2-7	X	X	X
0309019- 03A 03B 03C				WQ090203:1105 NP2-10	X	X	X
COOLER TEMPERATURE:							
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON				TURNAROUND REQUIRED: NORMAL <input type="checkbox"/> STAT <input type="checkbox"/> BY / /		COMMENTS / INSTRUCTIONS	
RELINQUISHED BY (SIGNATURE)		DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)		DATE TIME	PRINTED NAME
<i>Paul Johnson</i>		9/15/03 11:00a	<i>Paul Johnson</i>	<i>Karen Kelly</i>		9/15/03 11:00a	<i>Karen Kelly</i>

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD/CLIENT

631 454 8027;

SEP-10-03  
1:28PM;

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*204666*

*Analyst*

*103*

## ANALYTICAL REPORT

JOB NUMBER: 204666

Prepared For:

LEGGETTE, BRASHEARS & GRAHAM  
126 Monroe Turnpike  
Trumbull, CT 06611

Project: ROWE INDUSTRIES

Attention: Paul Jobmann

Date: 09/19/2003

Michele D. Sciongay  
Signature

Name: Michele D. Sciongay  
Title: Project Manager  
E-Mail: msciongay@stl-inc.com

September 19, 2003  
Date

STL Connecticut  
128 Long Hill Cross Road  
Shelton, CT 06484

This Report Contains (114) Pages

**STL Report : 204666**  
**LEGGETTE, BRASHEARS & GRAHAM**

**Case Narrative**

**Sample Receipt** – All samples were received in good condition.

**Volatile Organics** – Air volatile organics were determined by purge and trap GC/MS using guidance provided in Method TO-17. The instrumentation used was a Perkin Elmer ATD 50 interfaced with a Hewlett-Packard Model 5972A GC/MS/DS.

Sample Calculation:

Sample ID-AQ0905031005NP4-1  
Compound-Bromomethane

$$\frac{(295600)(25)}{(652176)(.415)} = 27.3 = 27 \text{ NG}$$

$$\frac{(27\text{NG})(.08206)(298)}{(.2\text{L})(95)(1.0\text{ATM})} = 34.8 \text{ nL/L.}$$

Sample AQ0905031005NP4-1 was analyzed at a sample volume of .2L due to a high target compound concentration.

**The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.**

## SAMPLE INFORMATION

Date: 09/19/2003

Job Number.: 204666  
 Customer...: LEGGETTE, BRASHEARS & GRAHAM  
 Attn.....: Paul Jobmann

Project Number.....: 20000283  
 Customer Project ID....: ROWE INDUSTRIES  
 Project Description....: Rowe Industries

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
204666-1	AQ0905031005NP4-1	Air	09/05/2003	10:05	09/09/2003	07:50
204666-2	AQ0905031007NP4-2	Air	09/05/2003	10:07	09/09/2003	07:50
204666-3	AQ0905031016NP4-3	Air	09/05/2003	10:16	09/09/2003	07:50

Form 1					
STL Connecticut		Client Sample ID		AQ0905031005NP4-1	
Method: TO17		Lab Sample ID		204666-1	
Sample Volume (L)	0.200	Date Sampled		9/5/2003	
Temp (C)	25	Date Analyzed		9/9/2003	
Compound	nL/L (ppbv/v)	Qualifier	RL	mg/M3 Qualifier	RL
Chloromethane	9.7 J	48.4		0.020 J ✓	0.100
Vinyl Chloride	39.1 U	39.1		0.100 U ✓	0.100
Bromomethane	34.8	25.7		0.135 ✓	0.100
Chloroethane	37.9 U	37.9		0.100 U	0.100
1,1-Dichloroethene	12.6 U	12.6		0.050 U ✓	0.050
Carbon Disulfide	17.7	16.1		0.055 ✓	0.050
Methylene Chloride	14.4 B	14.4		0.050 B ✓	0.050
trans-1,2-Dichloroethene	12.7 U	12.7		0.050 U	0.050
1,1-Dichloroethane	12.4 U	12.4		0.050 U ✓	0.050
cis-1,2-Dichloroethene	12.7 U	12.7		0.050 U ✓	0.050
Chloroform	10.3 U	10.3		0.050 U ✓	0.050
1,1,1-Trichloroethane	6.4 J	9.2		0.035 J ✓	0.050
Carbon Tetrachloride	7.9 U	7.9		0.050 U	0.050
Benzene	1.6 J	15.7		0.005 J ✓	0.050
1,2-Dichloroethane	12.4 U	12.4		0.050 U	0.050
Trichloroethene	5.6 J	9.3		0.030 J ✓	0.050
1,2-Dichloropropane	10.8 U	10.8		0.050 U	0.050
Bromodichloromethane	7.5 U	7.5		0.050 U	0.050
cis-1,3-Dichloropropene	11.0 U	11.0		0.050 U	0.050
Toluene	2.7 J	13.3		0.010 J ✓	0.050
trans-1,3-Dichloropropene	11.0 U	11.0		0.050 U	0.050
1,1,2-Trichloroethane	9.2 U	9.2		0.050 U	0.050
Tetrachloroethene	110.5	7.4		0.750 ✓	0.050
Dibromochloromethane	5.9 U	5.9		0.050 U	0.050
Chlorobenzene	10.8 U	10.8		0.050 U ✓	0.050
Ethylbenzene	11.5 U	11.5		0.050 U ✓	0.050
m&p-Xylenes	11.5 U	11.5		0.050 U ✓	0.050
o-Xylene	11.5 U	11.5		0.050 U ✓	0.050
Styrene	11.8 U	11.8		0.050 U ✓	0.050
Bromoform	4.8 U	4.8		0.050 U	0.050
1,1,2,2-Tetrachloroethane	7.3 U	7.3		0.050 U	0.050

0000003

Form 1					
STL Connecticut		Client Sample ID	AQ0905031007NP4-2		
Method: TO17		Lab Sample ID	204666-2		
Sample Volume (L)	1.000	Date Sampled	9/5/2003		
Temp (C)	25	Date Analyzed	9/9/2003		
Compound	(ppbv/v)	nL/L	Qualifier	RL	mg/M3 Qualifier
Chloromethane	3.4 J	9.7		0.007 J ✓	0.020
Vinyl Chloride	7.8 U	7.8		0.020 U ✓	0.020
Bromomethane	22.1	5.1		0.086 ✓	0.020
Chloroethane	7.6 U	7.6		0.020 U	0.020
1,1-Dichloroethene	1.5 J	2.5		0.006 J ✓	0.010
Carbon Disulfide	8.0	3.2		0.025 ✓	0.010
Methylene Chloride	9.2 B	2.9		0.032 B✓	0.010
trans-1,2-Dichloroethene	2.5 U	2.5		0.010 U	0.010
1,1-Dichloroethane	3.2	2.5		0.013 ✓	0.010
cis-1,2-Dichloroethene	0.8 J	2.5		0.003 J ✓	0.010
Chloroform	1.2	2.1		0.006 ✓	0.010
1,1,1-Trichloroethane	4.2	1.8		0.023 ✓	0.010
Carbon Tetrachloride	1.6 U	1.6		0.010 U	0.010
Benzene	0.6 J	3.1		0.002 J✓	0.010
1,2-Dichloroethane	2.5 U	2.5		0.010 U	0.010
Trichloroethene	2.4	1.9		0.013 ✓	0.010
1,2-Dichloropropane	2.2 U	2.2		0.010 U	0.010
Bromodichloromethane	1.5 U	1.5		0.010 U	0.010
cis-1,3-Dichloropropene	2.2 U	2.2		0.010 U	0.010
Toluene	2.9	2.7		0.011 ✓	0.010
trans-1,3-Dichloropropene	2.2 U	2.2		0.010 U	0.010
1,1,2-Trichloroethane	1.8 U	1.8		0.010 U	0.010
Tetrachloroethene	0.9	1.5		0.006 ✓	0.010
Dibromochloromethane	1.2 U	1.2		0.010 U	0.010
Chlorobenzene	2.2 U	2.2		0.010 U ✓	0.010
Ethylbenzene	0.14 J	2.3		0.0006 J✓	0.010
m&p-Xylenes	0.7 J	2.3		0.003 J✓	0.010
o-Xylene	0.21 J	2.3		0.0009 J✓	0.010
Styrene	2.4 U	2.4		0.010 U ✓	0.010
Bromoform	1.0 U	1.0		0.010 U	0.010
1,1,2,2-Tetrachloroethane	1.5 U	1.5		0.010 U	0.010

0000004

Form 1					
STL Connecticut		Client Sample ID		AQ0905031016NP4-3	
Method: TO17		Lab Sample ID		204666-3	
Sample Volume (L)	1.000	Date Sampled		9/5/2003	
Temp (C)	25	Date Analyzed		9/9/2003	
nL/L					
Compound	(ppbv/v)	Qualifier	RL	mg/M3	Qualifier
Chloromethane	1.9 J		9.7	0.004 J ✓	0.020
Vinyl Chloride	7.8 U		7.8	0.020 U ✓	0.020
Bromomethane	7.5		5.1	0.029 ✓	0.020
Chloroethane	7.6 U		7.6	0.020 U	0.020
1,1-Dichloroethene	1.0 J		2.5	0.004 J ✓	0.010
Carbon Disulfide	12.2		3.2	0.038 ✓	0.010
Methylene Chloride	8.1 B		2.9	0.028 B ✓	0.010
trans-1,2-Dichloroethene	2.5 U		2.5	0.010 U	0.010
1,1-Dichloroethane	2.2 J		2.5	0.009 J ✓	0.010
cis-1,2-Dichloroethene	0.8 J		2.5	0.003 J ✓	0.010
Chloroform	1.2 J		2.1	0.006 J ✓	0.010
1,1,1-Trichloroethane	3.1		1.8	0.017 ✓	0.010
Carbon Tetrachloride	1.6 U		1.6	0.010 U	0.010
Benzene	1.9 J		3.1	0.006 J ✓	0.010
1,2-Dichloroethane	2.5 U		2.5	0.010 U	0.010
Trichloroethene	0.6 J		1.9	0.003 J ✓	0.010
1,2-Dichloropropane	2.2 U		2.2	0.010 U	0.010
Bromodichloromethane	1.5 U		1.5	0.010 U	0.010
cis-1,3-Dichloropropene	2.2 U		2.2	0.010 U	0.010
Toluene	2.9		2.7	0.011 ✓	0.010
trans-1,3-Dichloropropene	2.2 U		2.2	0.010 U	0.010
1,1,2-Trichloroethane	1.8 U		1.8	0.010 U	0.010
Tetrachloroethene	1.5 U		1.5	0.010 U ✓	0.010
Dibromochloromethane	1.2 U		1.2	0.010 U	0.010
Chlorobenzene	2.2 U		2.2	0.010 U ✓	0.010
Ethylbenzene	0.18 J		2.3	0.0008 J ✓	0.010
m&p-Xylenes	0.7 J		2.3	0.003 J ✓	0.010
o-Xylene	0.2 J		2.3	0.001 J ✓	0.010
Styrene	2.4 U		2.4	0.010 U ✓	0.010
Bromoform	1.0 U		1.0	0.010 U	0.010
1,1,2,2-Tetrachloroethane	1.5 U		1.5	0.010 U	0.010

0000005

## LABORATORY CHRONICLE

Job Number: 204666

Date: 09/19/2003

CUSTOMER: LEGGETTE, BRASHEARS &amp; GRAHAM

PROJECT: ROWE INDUSTRIES

ATTN: Paul Jobmann

Lab ID: 204666-1 Client ID: AQ0905031005NP4-1  
METHOD DESCRIPTION  
T017 Volatile Organics (Air)

Date Recvd: 09/09/2003 Sample Date: 09/05/2003  
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION  
1 22191

Lab ID: 204666-2 Client ID: AQ0905031007NP4-2  
METHOD DESCRIPTION  
T017 Volatile Organics (Air)

Date Recvd: 09/09/2003 Sample Date: 09/05/2003  
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION  
1 22191

Lab ID: 204666-3 Client ID: AQ0905031016NP4-3  
METHOD DESCRIPTION  
T017 Volatile Organics (Air)

Date Recvd: 09/09/2003 Sample Date: 09/05/2003  
RUN# BATCH# PREP BT #(S) DATE/TIME ANALYZED DILUTION  
1 22191

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 09/19/2003

REPORT COMMENTS

- 1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
- 2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
- 3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
- 4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604
- 5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

- U Analyte was not detected at or above the reporting limit.
- < Not detected at or above the reporting limit.
- J Result is less than the RL, but greater than or equal to the method detection limit.
- B Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
- S Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

- ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
- \* LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
- + MSA correlation coefficient is less than 0.995.
- 4 MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
- E SD: Serial dilution exceeds the control limits.
- H MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
- N MS, MSD: Spike recovery exceeds the upper or lower control limits.
- W PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

- U Analyte was not detected at or above the reporting limit.
- ND Compound not detected.
- J Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
- Q Result was qualitatively confirmed, but not quantified.
- C Pesticide identification was confirmed by GC/MS.
- Y The chromatographic response resembles a typical fuel pattern.
- Z The chromatographic response does not resemble a typical fuel pattern.
- E Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

- MB,EB, MLE: Batch QC is greater than reporting limit.
- \* LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
- A Concentration exceeds the instrument calibration range or below the reporting limit.
- B Compound was found in the blank and sample.
- D Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
- H Alternate peak selection upon analytical review
- I Indicates the presence of an interfence, recovery is not calculated.
- M Manually integrated compound.
- P The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 09/19/2003

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

**SEVERN  
TRENT**

STL

**Connicut**  
128 Long Hill Cross Road  
Shelton, CT 06484

Tel: (203) 929-8140  
Fax: (203) 929-8142

STL JOB #:

CLIENT: L BG

PROJECT ID:  gwe

STL PROJECT MGR:

RUSH  YES

NO

DUF DATE

## CHAPTERS OF LUSTRE, REJOICE

PAGE **1** OF **1** NO **1**

— 1 —

MATRIX CODES		BOTTLES PREPARED BY	DATE/TIME	BOTTLES REC'D BY	9-9-03 DATE/TIME	REMARKS ON SAMPLE RECEIPT	
A - AIR	S - SOIL	SIGNATURE		Larry Decker	9-10-03	<input type="checkbox"/> BOTTLES INTACT	<input type="checkbox"/> CUSTODY SEALS
AQ - AQUEOUS	SL - SLUDGE					<input type="checkbox"/> PRESERVED	<input type="checkbox"/> SEALS INTACT
C - COMPLEX	W - WIPE	SAMPLES COLLECTED BY	DATE/TIME	RECEIVED IN LAB BY	DATE/TIME		
D - DRUM WASTE	O - OTHER	Peter Heidi	07-05-03			<input type="checkbox"/> CHILLED	<input type="checkbox"/> SEE REMARKS
OI - OIL	FB - FIELD BLANK	SIGNATURE		SIGNATURE			
	TB - TRIP BLANK	G. R. Hill					

September 19, 2003

Paul Jobmann  
Legette Brashears & Graham Inc.  
126 Monroe Turnpike  
Trumball, CT 06611  
TEL: (203) 452-3110  
FAX (203) 452-3111

RE: Rowe Industries

Order No.: 0309057

Dear Paul Jobmann:

American Analytical Laboratories, Inc. received 3 samples on 9/12/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

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

Sincerely,

  
Lori Beyer  
Lab Director

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Project:** Rowe Industries  
**Lab Order:** 0309057

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
0309057-01A	WQ091003:1200 NP2-6		9/10/2003	9/12/2003
0309057-01B	WQ091003:1200 NP2-6		9/10/2003	9/12/2003
0309057-01C	WQ091003:1200 NP2-6		9/10/2003	9/12/2003
0309057-02A	WQ091003:1205 NP2-7		9/10/2003	9/12/2003
0309057-02B	WQ091003:1205 NP2-7		9/10/2003	9/12/2003
0309057-02C	WQ091003:1205 NP2-7		9/10/2003	9/12/2003
0309057-03A	WQ091003:1210 NP2-10		9/10/2003	9/12/2003
0309057-03B	WQ091003:1210 NP2-10		9/10/2003	9/12/2003
0309057-03C	WQ091003:1210 NP2-10		9/10/2003	9/12/2003

**AMERICAN ANALYTICAL LABORATORIES, INC.**

**56 TOLEDO STREET**

**FARMINGDALE, NEW YORK 11735**

**TELEPHONE: (631) 454-6100      FAX: (631) 454-8027**

**DATA REPORTING QUALIFERS**

For reporting results, the following "Results Qualifiers" are used:

<b>Value</b>	If the result is greater than or equal to the detection limit, report the value
<b>U</b>	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
<b>J</b>	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
<b>B</b>	Indicates the analyte was found in the blank as well as the sample report "10B".
<b>E</b>	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>D</b>	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
<b>P</b>	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
<b>N</b>	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-01A

**Client Sample ID:** WQ091003:1200 NP2-6  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1,1-Trichloroethane	2.3	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
2-Butanone	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
2-Hexanone	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Acetone	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Benzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Bromobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Bromoform	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Bromomethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Chloroethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-01A

**Client Sample ID:** WQ091003:1200 NP2-6  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>				<b>SW8260B</b>		<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Chloromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Dibromomethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/13/2003 12:43:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Methylene chloride	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Naphthalene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
o-Xylene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Styrene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Tetrachloroethene	52	1.0		µg/L	1	9/13/2003 12:43:00 AM
Toluene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Trichloroethene	1.5	1.0		µg/L	1	9/13/2003 12:43:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/13/2003 12:43:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/13/2003 12:43:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
H - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ091003:1200 NP2-6
<b>Lab Order:</b>	0309057	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/10/2003
<b>Lab ID:</b>	0309057-01B	<b>Matrix:</b>	LJQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b>		E200.7				Analyst: JP
Iron	10.3	0.0200		mg/L	1	9/16/2003 2:42:36 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ091003:1200 NP2-6
Lab Order:	0309057	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/10/2003
Lab ID:	0309057-01C	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	0.0972	E200.7 0.0200		mg/L	1	Analyst: JP 9/16/2003 2:40:01 PM

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

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legetic Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowc Industries  
**Lab ID:** 0309057-02A

**Client Sample ID:** WQ091003:1205 NP2-7  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Analyst: LDS
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>				<b>SW8260B</b>			
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1,2,2-Tetrachloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1-Dichloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1-Dichloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,1-Dichloropropene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2-Dibromoethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2-Dichloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,3-dichloropropane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
2,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
2-Butanone	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
2-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
2-Hexanone	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
4-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
4-Isopropyltoluene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Acetone	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Benzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Bromobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Bromochloromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Bromodichloromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Bromoform	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Bromomethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Carbon disulfide	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Carbon tetrachloride	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Chlorobenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	
Chloroethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM	

Qualifiers: ND - Not Detected at the Reporting Limit.

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

D - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-02A

**Client Sample ID:** WQ091003:1205 NP2-7  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Chloromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Dibromomethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/13/2003 1:22:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Methylene chloride	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Naphthalene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
o-Xylene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Styrene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Tetrachloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Toluene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Trichloroethene	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/13/2003 1:22:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/13/2003 1:22:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ091003:1205 NP2-7
Lab Order:	0309057	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/10/2003
Lab ID:	0309057-02B	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	4.80	E200.7 0.0200		mg/L	1	Analyst: JP 9/16/2003 2:48:08 PM

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

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-02C

**Client Sample ID:** WQ091003:1205 NP2-7  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	0.179	E200.7 0.0200		mg/L	1	Analyst: JP 9/16/2003 2:45:21 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-03A

**Client Sample ID:** WQ091003:1210 NP2-10  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
2-Butanone	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
2-Hexanone	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Acetone	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Benzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Bromobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Bromoform	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Bromomethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Chloroethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 22-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-03A

**Client Sample ID:** WQ091003:1210 NP2-10  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Chloromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Dibromomethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/13/2003 2:00:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Methylene chloride	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Naphthalene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
o-Xylene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Styrene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Tetrachloroethene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Toluene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Trichloroethene	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/13/2003 2:00:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/13/2003 2:00:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 L - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309057  
**Project:** Rowe Industries  
**Lab ID:** 0309057-03B

**Client Sample ID:** WQ091003:1210 NP2-10  
**Tag Number:**  
**Collection Date:** 9/10/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	2.40	E200.7 0.0200		mg/L	1	Analyst: JP 9/16/2003 2:52:56 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 19-Sep-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ091003:1210 NP2-10
<b>Lab Order:</b>	0309057	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/10/2003
<b>Lab ID:</b>	0309057-03C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.203	E200.7		mg/L	1	Analyst: JP 9/16/2003 2:50:55 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	100	E160.1	1.0	mg/L	1	Analyst: BK 9/16/2003

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

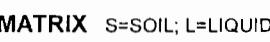


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NYS PH-0205  
CTDOH NY050  
NJDEP 68-573  
PADEP

## **CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT**

#### **COOLER TEMPERATURE:**

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL			TURNAROUND REQUIRED:			COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON			<del>NORMAL</del>	<input type="checkbox"/> STAT	BY	/	/
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME		
	9/12/03 11:30	Karen Kelly		9/12/03 11:30	Karen Kelly		
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME		
	9/11/03 13:57	Paul Johnson		9/11/03 13:57	Paul Johnson		

October 01, 2003

Paul Jobmann  
Legette Brashears & Graham Inc.  
126 Monroe Turnpike  
Trumball, CT 06611  
TEL: (203) 452-3110  
FAX (203) 452-3111

RE: Rowe Industries

Order No.: 0309112

Dear Paul Jobmann:

American Analytical Laboratories, Inc. received 6 samples on 9/25/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

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

Sincerely,



Lori Beyer  
Lab Director

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Project:** Rowe Industries  
**Lab Order:** 0309112

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0309112-01A	WQ092303815 NP2-6		9/23/2003	9/25/2003
0309112-01B	WQ092303815 NP2-6		9/23/2003	9/25/2003
0309112-01C	WQ092303815 NP2-6		9/23/2003	9/25/2003
0309112-02A	WQ092303825 NP2-7		9/23/2003	9/25/2003
0309112-02B	WQ092303825 NP2-7		9/23/2003	9/25/2003
0309112-02C	WQ092303825 NP2-7		9/23/2003	9/25/2003
0309112-03A	WQ092303820 NP2-10		9/23/2003	9/25/2003
0309112-03B	WQ092303820 NP2-10		9/23/2003	9/25/2003
0309112-03C	WQ092303820 NP2-10		9/23/2003	9/25/2003
0309112-04A	WQ0918031215 NP2-6		9/18/2003	9/25/2003
0309112-04B	WQ0918031215 NP2-6		9/18/2003	9/25/2003
0309112-04C	WQ0918031215 NP2-6		9/18/2003	9/25/2003
0309112-05A	WQ0918031225 NP2-10		9/18/2003	9/25/2003
0309112-05B	WQ0918031225 NP2-10		9/18/2003	9/25/2003
0309112-05C	WQ0918031225 NP2-10		9/18/2003	9/25/2003
0309112-06A	WQ0918031220 NP2-7		9/18/2003	9/25/2003
0309112-06B	WQ0918031220 NP2-7		9/18/2003	9/25/2003
0309112-06C	WQ0918031220 NP2-7		9/18/2003	9/25/2003

**AMERICAN ANALYTICAL LABORATORIES, INC.**  
**56 TOLEDO STREET**  
**FARMINGDALE, NEW YORK 11735**  
**TELEPHONE: (631) 454-6100      FAX: (631) 454-8027**

**DATA REPORTING QUALIFERS**

For reporting results, the following "Results Qualifiers" are used:

<b>Value</b>	If the result is greater than or equal to the detection limit, report the value
<b>U</b>	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
<b>J</b>	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
<b>B</b>	Indicates the analyte was found in the blank as well as the sample report "10B".
<b>E</b>	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>D</b>	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
<b>P</b>	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
<b>N</b>	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>L BG 126 Monroe Turnpike Trumbull CT 06611</i>		CONTACT: <i>Paul Johnson 203 452-3106</i>		SAMPLER SIGNATURE <i>John L. Hill</i>	DATE <i>09-23-03</i>	TIME <i>8:08</i>	SAMPLE(S) SEALED	YES / NO
				SAMPLER NAME (PRINT) <i>Peter Heldt</i>			CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: <i>Ridge Ind.</i>				ANALYSIS REQUIRED	<i>S260</i>	<i>MTBE</i>	<i>Total Iron</i>	
					<i>Titanium</i>	<i>1/3</i>	<i>Dissolved Iron</i>	<i>TDS</i>
								FOR METHANOL PRESERVED SAMPLES [ VOLATILE VIAL # ]
LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION				
0309112- <i>01A 01B 01C</i>	L	G	HCl/HNO <sub>3</sub>	WQ092303815 NP2-6	X	X	X	
0309112- <i>02A 02B 02C</i>				WQ092303825 NP2-7				
0309112- <i>03A 03B 03C</i>				WQ092303820 NP2-10				X
0309112- <i>04A 04B 04C</i>	L	G	HCl/HNO <sub>3</sub>	WQ0918031215 NP2-6	X	X	X	
0309112- <i>05A 05B 05C</i>				WQ0918031225 NP2-10				
0309112- <i>06A 06B 06C</i>				WQ0918031220 NP2-7				X
<i>03/07</i>								
COOLER TEMPERATURE:								
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL				TURNAROUND REQUIRED:			COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON				NORMAL <input checked="" type="checkbox"/>	STAT <input type="checkbox"/>	BY / /		
RELINQUISHED BY (SIGNATURE) <i>P. Hill</i>		DATE <i>09-04-03</i>	PRINTED NAME	RECEIVED BY LAB (SIGNATURE) <i>J. Gray</i>		DATE <i>09-25-03</i>	PRINTED NAME	
TIME <i>9:06</i>						TIME <i>12:41</i>		
RELINQUISHED BY (SIGNATURE)		DATE	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)		DATE	PRINTED NAME	
		TIME				TIME		

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303815 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-01A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1,1-Trichloroethane	1.5	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
2-Butanone	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
2-Hexanone	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Acetone	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Benzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Bromobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Bromoform	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Bromomethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Chloroethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303815 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-01A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Chloromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Dibromomethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/26/2003 8:48:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Methylene chloride	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Naphthalene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
o-Xylene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Styrene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Tetrachloroethene	52	1.0		µg/L	1	9/26/2003 8:48:00 PM
Toluene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Trichloroethene	1.9	1.0		µg/L	1	9/26/2003 8:48:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/26/2003 8:48:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/26/2003 8:48:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303815 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-01B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	6.41	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003 12:40:58 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303815 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-01C	<b>Matrix:</b>	LIQUID

<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>DISSOLVED IRON</b>		E200.7		(SW3005A)		
Iron	0.290	0.0200		mg/L	1	9/29/2003 12:39:01 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303825 NP2-7
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-02A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
2-Butanone	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
2-Hexanone	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Acetone	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Benzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Bromobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Bromoform	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Bromomethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Chloroethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303825 NP2-7
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-02A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Chloromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Dibromomethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/26/2003 9:26:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Methylene chloride	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Naphthalene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
o-Xylene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Styrene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Toluene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Trichloroethene	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/26/2003 9:26:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/26/2003 9:26:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ092303825 NP2-7
Lab Order:	0309112	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/23/2003
Lab ID:	0309112-02B	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	1.18	E200.7	0.0200	(SW3010A) mg/L	1	Analyst: JP 9/29/2003 12:46:21 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303825 NP2-7
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-02C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.174	E200.7		(SW3005A) mg/L	1	Analyst: JP 9/29/2003 12:44:11 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303820 NP2-10
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-03A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
2-Butanone	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
2-Hexanone	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Acetone	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Benzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Bromobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Bromoform	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Bromomethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Chloroethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303820 NP2-10
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-03A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Chloromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Dibromomethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/26/2003 10:05:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Methylene chloride	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Naphthalene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
o-Xylene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Styrene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Toluene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Trichloroethene	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/26/2003 10:05:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/26/2003 10:05:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303820 NP2-10
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-03B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	1.05	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003 12:50:50 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ092303820 NP2-10
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309112-03C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.282	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003 12:48:48 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	250	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031215 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-04A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1,1-Trichloroethane	1.7	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
2-Butanone	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
2-Hexanone	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Acetone	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Benzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Bromobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Bromoform	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Bromomethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Chloroethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031215 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-04A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Chloromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Dibromomethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/26/2003 10:43:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Methylene chloride	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Naphthalene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
o-Xylene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Styrene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Tetrachloroethene	51	1.0		µg/L	1	9/26/2003 10:43:00 PM
Toluene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Trichloroethene	1.9	1.0		µg/L	1	9/26/2003 10:43:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/26/2003 10:43:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/26/2003 10:43:00 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

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**CLIENT:** Legette Brashears & Graham Inc.      **Client Sample ID:** WQ0918031215 NP2-6  
**Lab Order:** 0309112      **Tag Number:**  
**Project:** Rowe Industries      **Collection Date:** 9/18/2003  
**Lab ID:** 0309112-04B      **Matrix:** LIQUID

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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	12.7	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003 12:56:01 PM

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

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031215 NP2-6
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-04C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.206	E200.7		(SW3005A) mg/L	1	Analyst: JP 9/29/2003 12:53:29 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309112  
**Project:** Rowe Industries  
**Lab ID:** 0309112-05A

**Client Sample ID:** WQ0918031225 NP2-10  
**Tag Number:**  
**Collection Date:** 9/18/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
2-Butanone	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
2-Hexanone	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Acetone	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Benzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Bromobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Bromoform	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Bromomethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Chloroethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309112  
**Project:** Rowe Industries  
**Lab ID:** 0309112-05A

**Client Sample ID:** WQ0918031225 NP2-10  
**Tag Number:**  
**Collection Date:** 9/18/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Chloromethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Dibromomethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/26/2003 11:22:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Methylene chloride	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Naphthalene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
o-Xylene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Styrene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Toluene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Trichloroethene	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/26/2003 11:22:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/26/2003 11:22:00 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031225 NP2-10
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-05B	<b>Matrix:</b>	LIQUID

<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>TOTAL IRON</b> Iron	1.31	E200.7	0.0200	(SW3010A) mg/L	1	Analyst: JP 9/29/2003 1:06:06 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ0918031225 NP2-10
Lab Order:	0309112	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/18/2003
Lab ID:	0309112-05C	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	1.03	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003 1:04:03 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309112  
**Project:** Rowe Industries  
**Lab ID:** 0309112-06A

**Client Sample ID:** WQ0918031220 NP2-7  
**Tag Number:**  
**Collection Date:** 9/18/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031220 NP2-7
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-06A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 12:01:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Tetrachloroethene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Trichloroethene	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 12:01:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 12:01:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	WQ0918031220 NP2-7
Lab Order:	0309112	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/18/2003
Lab ID:	0309112-06B	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	1.11	E200.7	0.0200	(SW3010A) mg/L	1	Analyst: JP 9/29/2003 1:10:48 PM

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

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ0918031220 NP2-7
<b>Lab Order:</b>	0309112	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/18/2003
<b>Lab ID:</b>	0309112-06C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.143	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003 1:08:54 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	190	E160.1 1.0	H	mg/L	1	Analyst: BK 9/26/2003

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

October 01, 2003

Paul Jobmann  
Legette Brashears & Graham Inc.  
126 Monroe Turnpike  
Trumball, CT 06611  
TEL: (203) 452-3110  
FAX (203) 452-3111

RE: Rowe Industries

Order No.: 0309113

Dear Paul Jobmann:

American Analytical Laboratories, Inc. received 9 samples on 9/25/2003 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

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

Sincerely,



Lori Beyer  
Lab Director

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Project:** Rowe Industries  
**Lab Order:** 0309113

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0309113-01A	GWQ0923031508 NP1-1-1		9/23/2003	9/25/2003
0309113-01B	GWQ0923031508 NP1-1-1		9/23/2003	9/25/2003
0309113-01C	GWQ0923031508 NP1-1-1		9/23/2003	9/25/2003
0309113-02A	GWQ0923031519 NP1-1-2		9/23/2003	9/25/2003
0309113-02B	GWQ0923031519 NP1-1-2		9/23/2003	9/25/2003
0309113-02C	GWQ0923031519 NP1-1-2		9/23/2003	9/25/2003
0309113-03A	GWQ0923031530 NP1-1-3		9/23/2003	9/25/2003
0309113-03B	GWQ0923031530 NP1-1-3		9/23/2003	9/25/2003
0309113-03C	GWQ0923031530 NP1-1-3		9/23/2003	9/25/2003
0309113-04A	GWQ092303259 NP1-1-4		9/23/2003	9/25/2003
0309113-04B	GWQ092303259 NP1-1-4		9/23/2003	9/25/2003
0309113-04C	GWQ092303259 NP1-1-4		9/23/2003	9/25/2003
0309113-05A	GWQ092303234 NP1-1-5		9/23/2003	9/25/2003
0309113-05B	GWQ092303234 NP1-1-5		9/23/2003	9/25/2003
0309113-05C	GWQ092303234 NP1-1-5		9/23/2003	9/25/2003
0309113-06A	GWQ0923031425 NP1-1-6		9/23/2003	9/25/2003
0309113-06B	GWQ0923031425 NP1-1-6		9/23/2003	9/25/2003
0309113-06C	GWQ0923031425 NP1-1-6		9/23/2003	9/25/2003
0309113-07A	GWQ092303204 NP1-1-7		9/23/2003	9/25/2003
0309113-07B	GWQ092303204 NP1-1-7		9/23/2003	9/25/2003
0309113-07C	GWQ092303204 NP1-1-7		9/23/2003	9/25/2003
0309113-08A	GWQ092303145 NP1-1-8		9/23/2003	9/25/2003
0309113-08B	GWQ092303145 NP1-1-8		9/23/2003	9/25/2003
0309113-08C	GWQ092303145 NP1-1-8		9/23/2003	9/25/2003
0309113-09A	GWQ092303131 NP1-1-9		9/23/2003	9/25/2003
0309113-09B	GWQ092303131 NP1-1-9		9/23/2003	9/25/2003
0309113-09C	GWQ092303131 NP1-1-9		9/23/2003	9/25/2003

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-01A

**Client Sample ID:** GWQ0923031508 NP1-1-1  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 3:12:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 3:12:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ0923031508 NP1-1-1
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-01A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>		<b>SW8260B</b>				<b>Analyst: LDS</b>
Chloroform	2.6	1.0	µg/L		1	9/27/2003 3:12:00 AM
Chloromethane	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
cis-1,2-Dichloroethene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
cis-1,3-Dichloropropene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Dibromochloromethane	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Dibromomethane	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Dichlorodifluoromethane	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Ethylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Hexachlorobutadiene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Isopropylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
m,p-Xylene	U	2.0	µg/L		1	9/27/2003 3:12:00 AM
Methyl tert-butyl ether	9.4	1.0	µg/L		1	9/27/2003 3:12:00 AM
Methylene chloride	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Naphthalene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
n-Butylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
n-Propylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
o-Xylene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
sec-Butylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Styrene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
tert-Butylbenzene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Tetrachloroethene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Toluene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
trans-1,2-Dichloroethene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
trans-1,3-Dichloropropene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Trichloroethene	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Trichlorofluoromethane	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Vinyl acetate	U	1.0	µg/L		1	9/27/2003 3:12:00 AM
Vinyl chloride	U	1.0	µg/L		1	9/27/2003 3:12:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-01B

**Client Sample ID:** GWQ0923031508 NP1-1-1  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	0.0930	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	0.142	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:15:59 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ0923031508 NP1-1-1
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-01C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.011	0.0200	J	mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	63.0	10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.124	0.0200		mg/L	1	Analyst: JP 9/29/2003 1:13:35 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	300	1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	U	1.00		NTU	1	Analyst: KK 9/25/2003

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-02A

**Client Sample ID:** GWQ0923031519 NP1-1-2  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-02A

**Client Sample ID:** GWQ0923031519 NP1-1-2  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 3:50:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Tetrachloroethene	7.9	1.0		µg/L	1	9/27/2003 3:50:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Trichloroethene	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 3:50:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 3:50:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-02B

**Client Sample ID:** GWQ0923031519 NP1-1-2  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	5.99	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
MANGANESE Manganese	1.57	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:20:18 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ0923031519 NP1-1-2
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-02C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.758	E200.7		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	54.0	M2340 B		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	1.33	E200.7		mg/L	1	Analyst: JP 9/29/2003 1:18:16 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	190	E160.1		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	15.0	E180.1		NTU	1	Analyst: KK 9/25/2003

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-03A

**Client Sample ID:** GWQ0923031530 NP1-1-3  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1,1-Trichloroethane	2.9	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,2-Dichloropropene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-03A

**Client Sample ID:** GWQ0923031530 NP1-1-3  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 4:28:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Tetrachloroethene	2.8	1.0		µg/L	1	9/27/2003 4:28:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Trichloroethene	5.8	1.0		µg/L	1	9/27/2003 4:28:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 4:28:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 4:28:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.****Date:** 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ0923031530 NP1-1-3
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-03B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	2.24	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	0.153	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:25:19 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-03C

**Client Sample ID:** GWQ0923031530 NP1-1-3  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	1.57	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	48.4	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.126	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:23:29 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	150	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	3.20	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

**Qualifiers:**  
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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303259 NP1-1-4
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-04A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>		<b>SW8260B</b>				<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1,1-Trichloroethane	1.1	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-04A

**Client Sample ID:** GWQ092303259 NP1-1-4  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 5:07:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Tetrachloroethene	210	1.0		µg/L	1	9/27/2003 5:07:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Trichloroethene	5.7	1.0		µg/L	1	9/27/2003 5:07:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 5:07:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 5:07:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-04B

**Client Sample ID:** GWQ092303259 NP1-1-4  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	3.21	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	1.96	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:35:39 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-04C

**Client Sample ID:** GWQ092303259 NP1-1-4  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.529	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	45.3	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	1.53	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:33:44 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	170	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	4.00	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

**Qualifiers:**  
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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-05A

**Client Sample ID:** GWQ092303234 NP1-1-5  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-05A

**Client Sample ID:** GWQ092303234 NP1-1-5  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	0.9	1.0	J	µg/L	1	9/27/2003 5:45:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 5:45:00 AM
Methyl tert-butyl ether	7.3	1.0		µg/L	1	9/27/2003 5:45:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Tetrachloroethene	15	1.0		µg/L	1	9/27/2003 5:45:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Trichloroethene	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 5:45:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 5:45:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303234 NP1-1-5
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-05B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	0.269	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	0.014	E200.7 0.0200	J	mg/L	1	Analyst: JP 9/29/2003 1:39:59 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	*	- Value exceeds Maximum Contaminant Level

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303234 NP1-1-5
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-05C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.0210	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	38.8	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.0098	E200.7 0.0200	J	mg/L	1	Analyst: JP 9/29/2003 1:37:45 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	210	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	U	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-06A

**Client Sample ID:** GWQ0923031425 NP1-1-6  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-06A

**Client Sample ID:** GWQ0923031425 NP1-1-6  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 6:24:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Tetrachloroethene	140	1.0		µg/L	1	9/27/2003 6:24:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Trichloroethene	2.2	1.0		µg/L	1	9/27/2003 6:24:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 6:24:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 6:24:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

CLIENT:	Legette Brashears & Graham Inc.	Client Sample ID:	GWQ0923031425 NP1-1-6
Lab Order:	0309113	Tag Number:	
Project:	Rowe Industries	Collection Date:	9/23/2003
Lab ID:	0309113-06B	Matrix:	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	0.0890	E200.7		(SW3010A) mg/L	1	9/29/2003
<b>MANGANESE</b> Manganese	0.390	E200.7		mg/L	1	9/29/2003 1:45:02 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ0923031425 NP1-1-6
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-06C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	0.018	E200.7 0.0200	J	(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	51.0	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.333	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:43:13 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	230	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	U	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303204 NP1-1-7
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-07A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303204 NP1-1-7
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-07A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 7:03:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Tetrachloroethene	120	1.0		µg/L	1	9/27/2003 7:03:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Trichloroethene	2.3	1.0		µg/L	1	9/27/2003 7:03:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 7:03:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 7:03:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

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<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303204 NP1-1-7
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-07B	<b>Matrix:</b>	LIQUID

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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	0.011	E200.7 0.0200	J	(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	0.0812	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:50:30 PM

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**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303204 NP1-1-7
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-07C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	U	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	37.0	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.0671	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:48:25 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	140	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	U	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-08A

**Client Sample ID:** GWQ092303145 NP1-1-8  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1,1-Trichloroethane	3.6	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

**CLIENT:** Legette Brashears & Graham Inc.  
**Lab Order:** 0309113  
**Project:** Rowe Industries  
**Lab ID:** 0309113-08A

**Client Sample ID:** GWQ092303145 NP1-1-8  
**Tag Number:**  
**Collection Date:** 9/23/2003  
**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>			<b>SW8260B</b>			<b>Analyst: LDS</b>
Chloroform	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 7:42:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Tetrachloroethene	30	1.0		µg/L	1	9/27/2003 7:42:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Trichloroethene	1.7	1.0		µg/L	1	9/27/2003 7:42:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 7:42:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 7:42:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303145 NP1-1-8
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-08B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	11.1	E200.7 0.0200		(SW3010A) mg/L	1	9/29/2003
<b>MANGANESE</b> Manganese	0.588	E200.7 0.0200		mg/L	1	9/29/2003 1:55:09 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303145 NP1-1-8
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-08C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	1.18	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	26.8	M2340 B 10.0		mg/L	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.479	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 1:53:02 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	170	E160.1 1.0		mg/L	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	15.0	E180.1 1.00		NTU	1	Analyst: KK 9/25/2003

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# American Analytical Laboratories, Inc.

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303131 NP1-1-9
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-09A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>	<b>SW8260B</b>					<b>Analyst: LDS</b>
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1,1-Trichloroethane	3.5	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
2-Butanone	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
2-Hexanone	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Acetone	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Benzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Bromobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Bromochloromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Bromodichloromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Bromoform	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Bromomethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Carbon disulfide	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Chlorobenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Chloroethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303131 NP1-1-9
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-09A	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>VOLATILES SW-846 8260 PLUS MTBE &amp; FREON1</b>						
Chloroform	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Chloromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Dibromochloromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Dibromomethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Ethylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Isopropylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
m,p-Xylene	U	2.0		µg/L	1	9/27/2003 8:21:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Methylene chloride	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Naphthalene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
n-Butylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
n-Propylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
o-Xylene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Styrene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Tetrachloroethene	25	1.0		µg/L	1	9/27/2003 8:21:00 AM
Toluene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Trichloroethene	1.2	1.0		µg/L	1	9/27/2003 8:21:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Vinyl acetate	U	1.0		µg/L	1	9/27/2003 8:21:00 AM
Vinyl chloride	U	1.0		µg/L	1	9/27/2003 8:21:00 AM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303131 NP1-1-9
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-09B	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL IRON</b> Iron	4.05	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 9/29/2003
<b>MANGANESE</b> Manganese	0.962	E200.7 0.0200		mg/L	1	Analyst: JP 9/29/2003 2:12:27 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 01-Oct-03

<b>CLIENT:</b>	Legette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ092303131 NP1-1-9
<b>Lab Order:</b>	0309113	<b>Tag Number:</b>	
<b>Project:</b>	Rowe Industries	<b>Collection Date:</b>	9/23/2003
<b>Lab ID:</b>	0309113-09C	<b>Matrix:</b>	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>DISSOLVED IRON</b> Iron	2.69	0.0200	E200.7	(mg/L)	1	Analyst: JP 9/29/2003
<b>HARDNESS</b> Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	30.3	10.0	M2340 B	(mg/L)	1	Analyst: JP 10/1/2003
<b>MANGANESE DISSOLVED</b> Manganese	0.801	0.0200	E200.7	(mg/L)	1	Analyst: JP 9/29/2003 2:06:39 PM
<b>TOTAL DISSOLVED SOLIDS</b> Total Dissolved Solids (Residue, Filterable)	180	1.0	E160.1	(mg/L)	1	Analyst: BK 9/26/2003
<b>TURBIDITY</b> Turbidity	6.40	1.00	E180.1	(NTU)	1	Analyst: KK 9/25/2003

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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>LBG 126 Monroe Turnpike Trumbull, CT. 06611</i>				CONTACT: <i>Paul Jobmann 203 452-3100</i>	SAMPLER (SIGNATURE) <i>Peter Heidl</i>	DATE <i>09-23-03</i>	TIME	SAMPLE(S) SEALED	YES / NO	
				SAMPLER NAME (PRINT) <i>Peter Heidl</i>				CORRECT CONTAINER(S)	YES / NO	
PROJECT LOCATION: <i>Rowe Ind.</i>				ANALYSIS REQUIRED <i>8260 MIBI Freon 113 Total Iron Dissolved Iron Total Manganese Diss. Manganese TDS Turbidity Hardness</i>						
LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION						P.O. #
0309113- 01A 01C	L	G	HCl/water	<i>GWQ0923031508 NPI-1-1</i>		X	X	X	X	X
0309113- 02A 02B				<i>GWQ0923031519 NPI-1-2</i>						
0309113- 03A 03B				<i>GWQ0923031530 NPI-1-3</i>						
0309113- 04A 04B				<i>GWQ092303259 NPI-1-4</i>						
0309113- 05A 05B				<i>GWQ092303234 NPI-1-5</i>						
0309113- 06A 06B				<i>GWQ0923031425 NPI-1-6</i>						
0309113- 07A 07B				<i>GWQ092303204 NPI-1-7</i>						
0309113- 08A 08B				<i>GWQ092303145 NPI-1-8</i>						
0309113- 09A 09B				<i>GWQ092303131 NPI-1-9</i>						
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL				TURNAROUND REQUIRED:				COMMENTS / INSTRUCTIONS		
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON				NORMAL <input checked="" type="checkbox"/>	STATO <input type="checkbox"/>	BY / /				
RELINQUISHED BY (SIGNATURE) <i>Peter Heidl</i>		DATE <i>09-24-03</i> TIME <i>9:30</i>	PRINTED NAME		RECEIVED BY LAB (SIGNATURE) <i>S. J.</i>		DATE <i>09-25-03</i> TIME <i>12:41</i>	PRINTED NAME <i>J. Gray</i>		
RELINQUISHED BY (SIGNATURE)		DATE TIME	PRINTED NAME		RECEIVED BY LAB (SIGNATURE)		DATE TIME	PRINTED NAME		

**APPENDIX IV**  
**CALCULATION OF VOC EMISSIONS FROM CARBON UNITS**

**APPENDIX IV**

**GROUND-WATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

**CALCULATION OF VOLATILE ORGANIC COMPOUNDS DISCHARGED FROM  
VAPOR-PHASE CARBON UNITS**

Calculated by: Paul Jobmann

Checked by: Alfred N. Kovalik

**STATEMENT OF PROBLEM:**

Calculate the quantity of VOCs discharged from the vapor-phase carbon units based on vapor concentrations and flow rates.

**PROBLEM CONSTRAINTS:**

Emission Limits: Total VOCs = 0.022 lb/hr

(Acceptable stack discharge concentrations for meeting AgC concentrations at property boundary are included in table below. Allowable concentrations calculated in Appendix IV of the December report.)

Date	PCE (mg/m <sup>3</sup> )	TCE (mg/m <sup>3</sup> )	TCA (mg/m <sup>3</sup> )	DCE (mg/m <sup>3</sup> )	DCA (mg/m <sup>3</sup> )	cis-DCE (mg/m <sup>3</sup> )	Vinyl Chloride (mg/m <sup>3</sup> )	Toluene (mg/m <sup>3</sup> )	Benzene (mg/m <sup>3</sup> )	m&p-Xylenes (mg/m <sup>3</sup> )
Allowable Conc.	0.0068	0.041	91.0	0.002	46.0	170.0	NE	NE	NE	NE
12/19/2002	0	0	0	0	0	0	0	0.045	0.006	0.006
1/9/2003	0.001	0	0	0	0	0	0	0.060	0	0.004
2/20/2003	0	0	0	0	0	0	0	0.015	0	0
3/12/2003	0	0	0.008	0.010	0.018	0	0	0.010	0.002	0.002
4/9/2003	0	0	0.020	0.010	0.017	0	0	0.005	0.000	0.002
6/5/2003	0	0	0.068	0.036	0.056	0.014	0	0.011	0.019	0.005
7/11/2003	0	0	0.013	0.008	0.011	0.003	0	0.009	0.002	0.003
8/20/2003	0.01	0.002	0.035	0.011	0.022	0.006	0.002	0.1	0.017	0.25
9/5/2003	0	0.003	0.017	0.004	0.009	0.003	ND	0.011	0.006	0.003

Date	o-Xylene (mg/m <sup>3</sup> )	Styrene (mg/m <sup>3</sup> )	Chloroform (mg/m <sup>3</sup> )	Methylene Chloride (mg/m <sup>3</sup> )	Chloromethane (mg/m <sup>3</sup> )	Carbon Disulfide (mg/m <sup>3</sup> )	Bromomethane (mg/m <sup>3</sup> )	Chlorobenzene (mg/m <sup>3</sup> )	Ethylbenzene (mg/m <sup>3</sup> )	Total VOCs (mg/m <sup>3</sup> )
Allowable Conc.	NE	NE	2.1	NE	NE	NE	NE	NE	NE	NA
12/19/2003	0.002	0	0.001	0.022	0	0	0	0	0	0.082
1/9/2003	0	0	0	0.018	0	0	0	0	0	0.083
2/20/2003	0	0	0	0	0	0	0	0	0	0.015
3/12/2003	0	0	0.006	0	0	0.003	0.010	0	0	0.069
4/9/2003	0	0	0.009	0.023	0	0.019	0.017	0	0	0.122
6/5/2003	0	0	0.031	0.028	0	0.041	0.030	0	0	0.339
7/11/2003	0.002	0	0.007	0.008	0	0.04	0.016	0	0.002	0.129
8/20/2003	0.10	0	0	0.012	0	0.10	0.043	0	0.073	0.784
9/5/2003	0.001	0	0.006	0.028	0.004	0.038	0.029	0	0.0008	0.1628

- NE : Not Established for Site  
 - : Not Collected  
 0 : Less than the laboratory method detection limit.  
 NA : Not Applicable

**CALCULATION:**

$$VOC\ Emissions(lb/\ hr) = C \times Q \times \frac{60\ min}{hr} \times \frac{1\ m^3}{35.31\ ft^3} \times \frac{1\ lb}{453,600\ mg}$$

where, Q is the air flowrate in standard cubic feet per minute (scfm) and  
C is the VOC concentration in mg/m<sup>3</sup>

Date	Operating Time * (hours)	Vapor Flow Rate (scfm) **	VOC Vapor Conc. (mg/m <sup>3</sup> )	VOC Emissions (lb/hr)	VOC Emissions (lb)
12/17/2002	---	---	---	---	---
12/19/2002	48	3,359	0.082	0.0010	0.050
1/9/2003	504	3,532	0.083	0.0011	0.553
2/20/2003	1,008	3,415	0.015	0.00019	0.193
3/12/2003	480	3,447	0.069	0.00089	0.428
4/9/2003	672	3,490	0.122	0.00160	1.072
6/5/2003	1,368	3,427	0.339	0.00435	5.954
7/11/2003	864	3,371	0.129	0.00163	1.407
8/20/2003	960	3,230	0.784	0.00949	9.107
9/5/2003	384	3,305	0.163	0.00202	0.774
Total					19.538

\* : Operating time since last air sample collected

\*\* : Average vapor flow rate used.

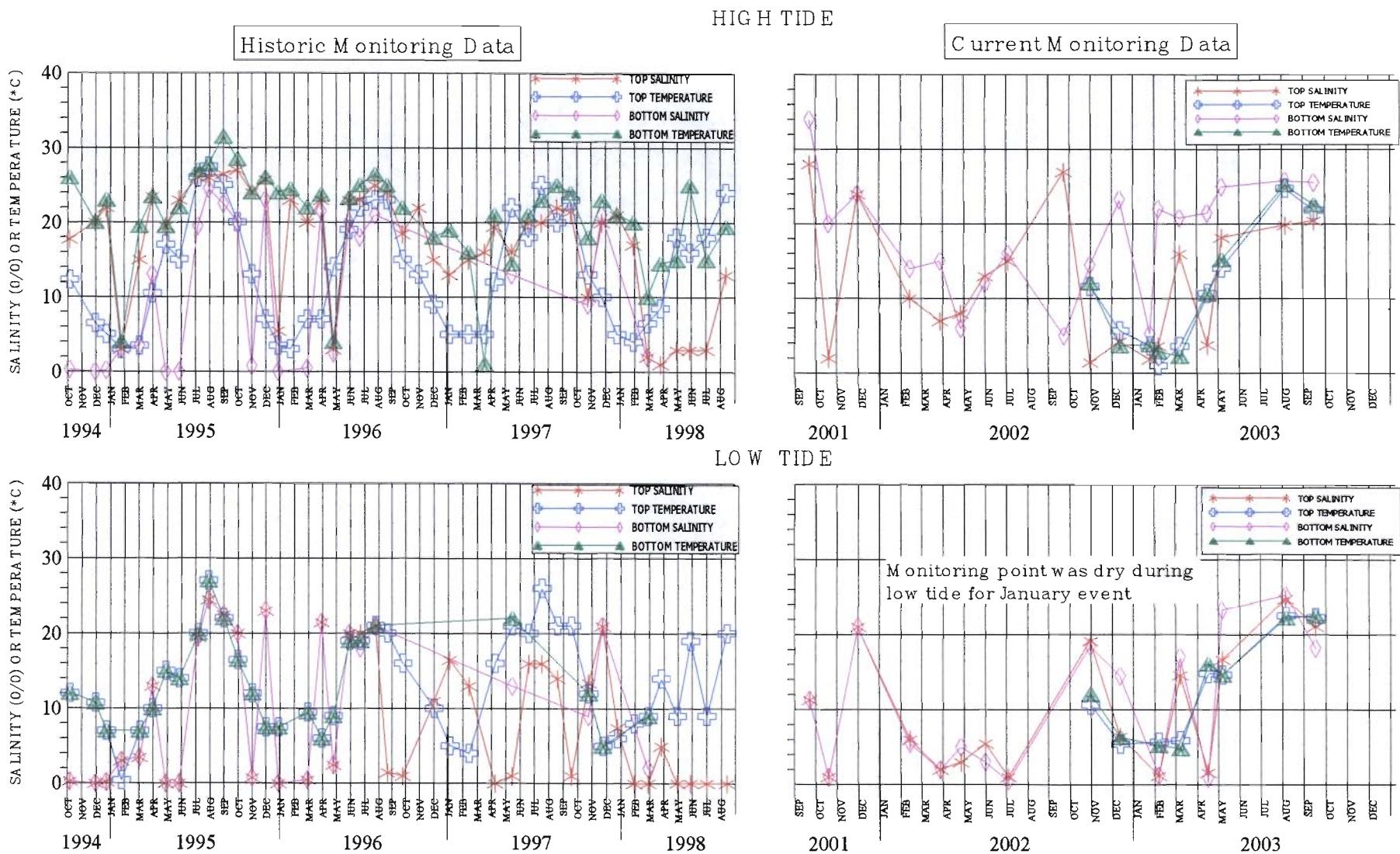
**CONCLUSIONS:**

Emissions from the carbon units were below the VOC emission limit of 0.022 lbs/hr.  
Concentrations of PCE,TCE and chloroform at the stack were also below the allowable emission rates of those compounds corresponding to the AgC at the property line.

**APPENDIX V**  
**TEMPERATURE AND SALINITY GRAPHS**

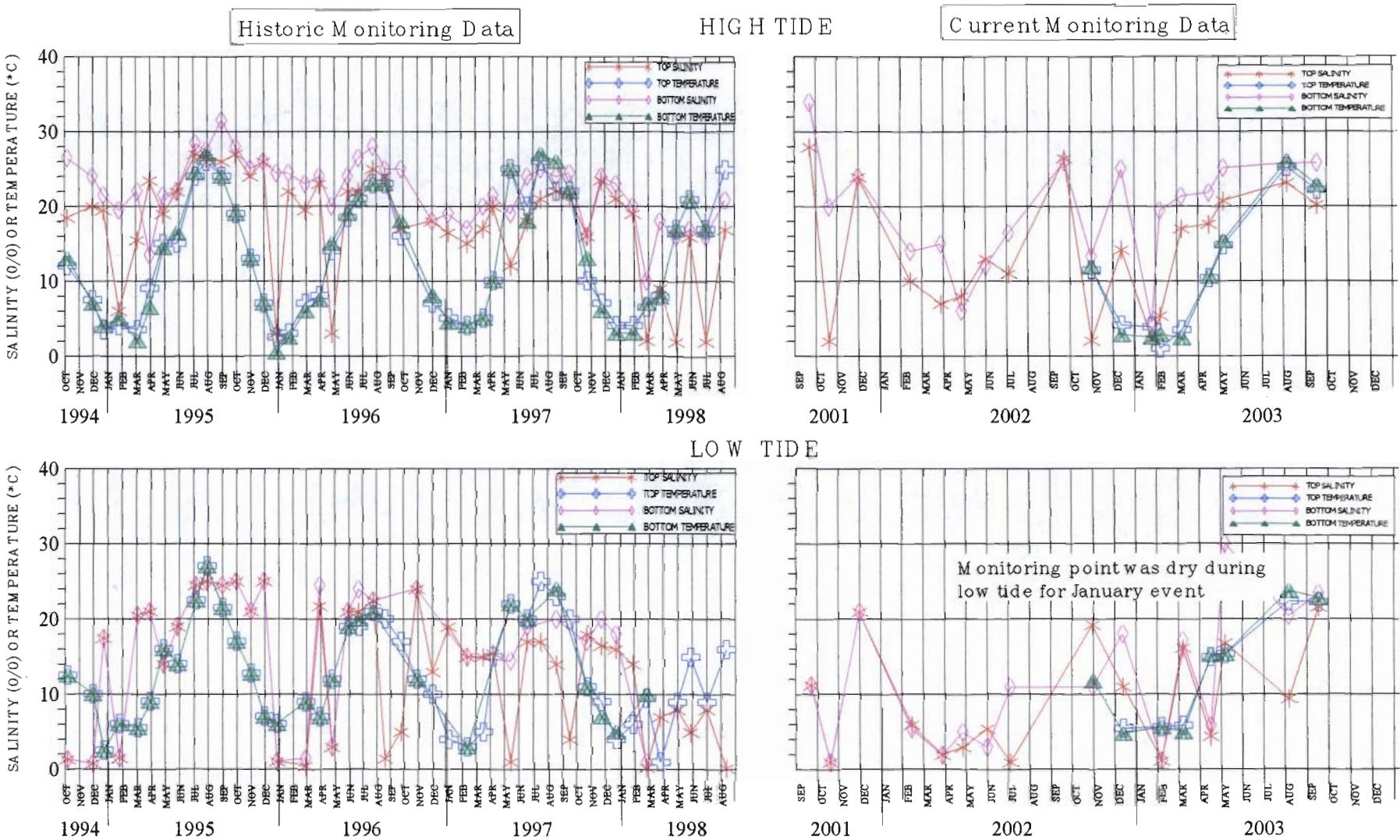
GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-1  
DURING HIGH AND LOW TIDES



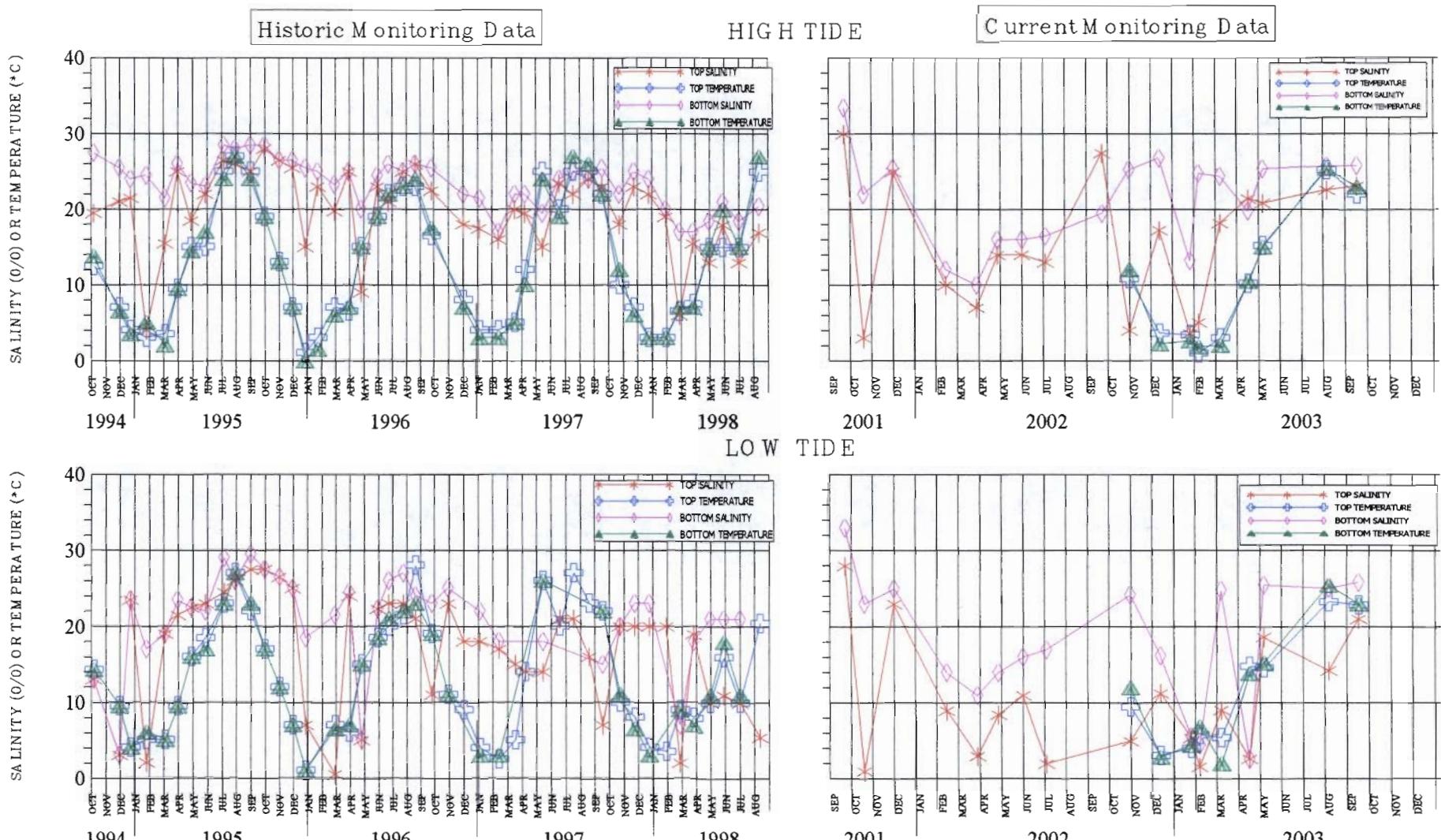
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SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-2  
DURING HIGH AND LOW TIDES



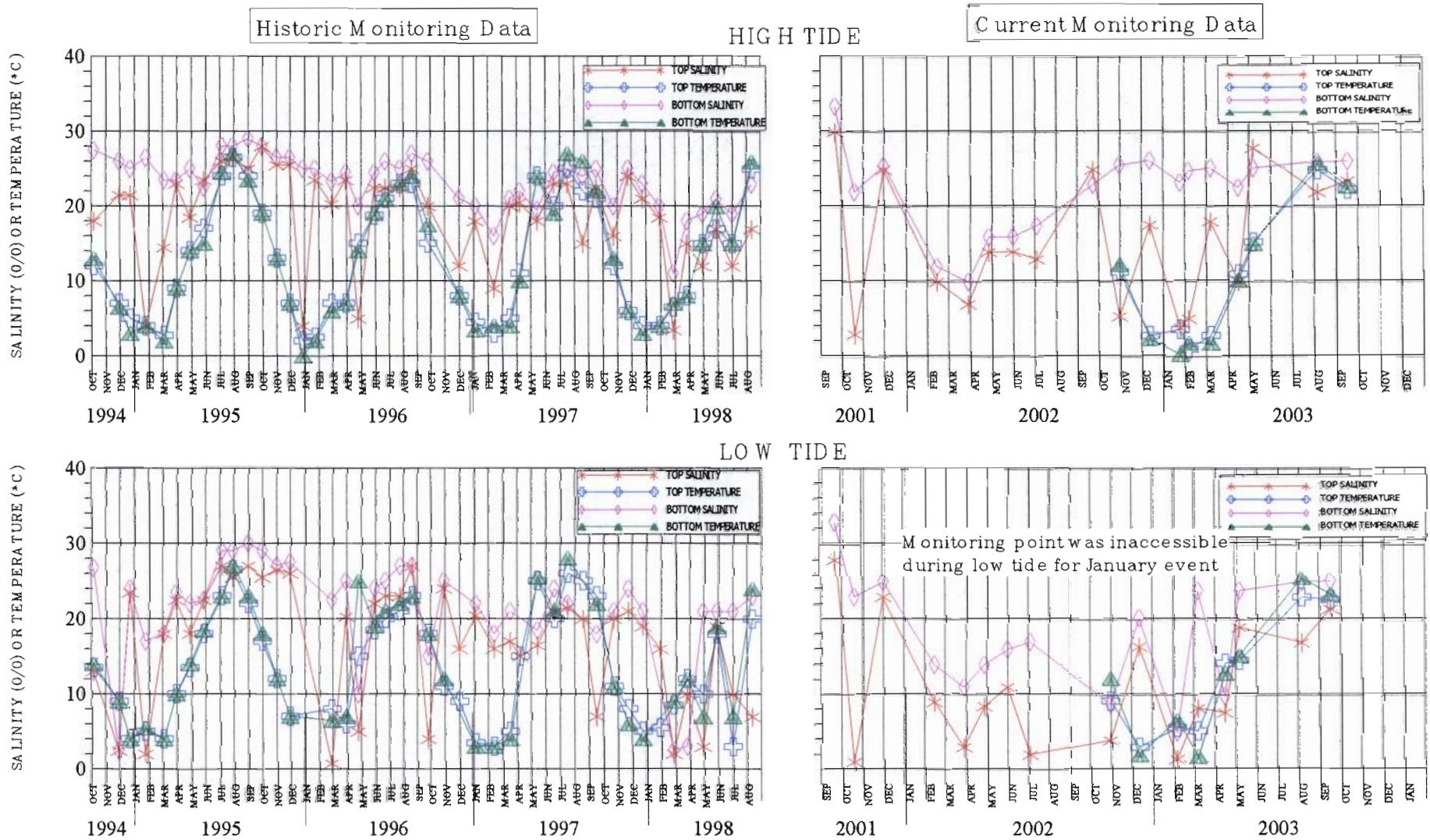
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ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-3  
DURING HIGH AND LOW TIDES



GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

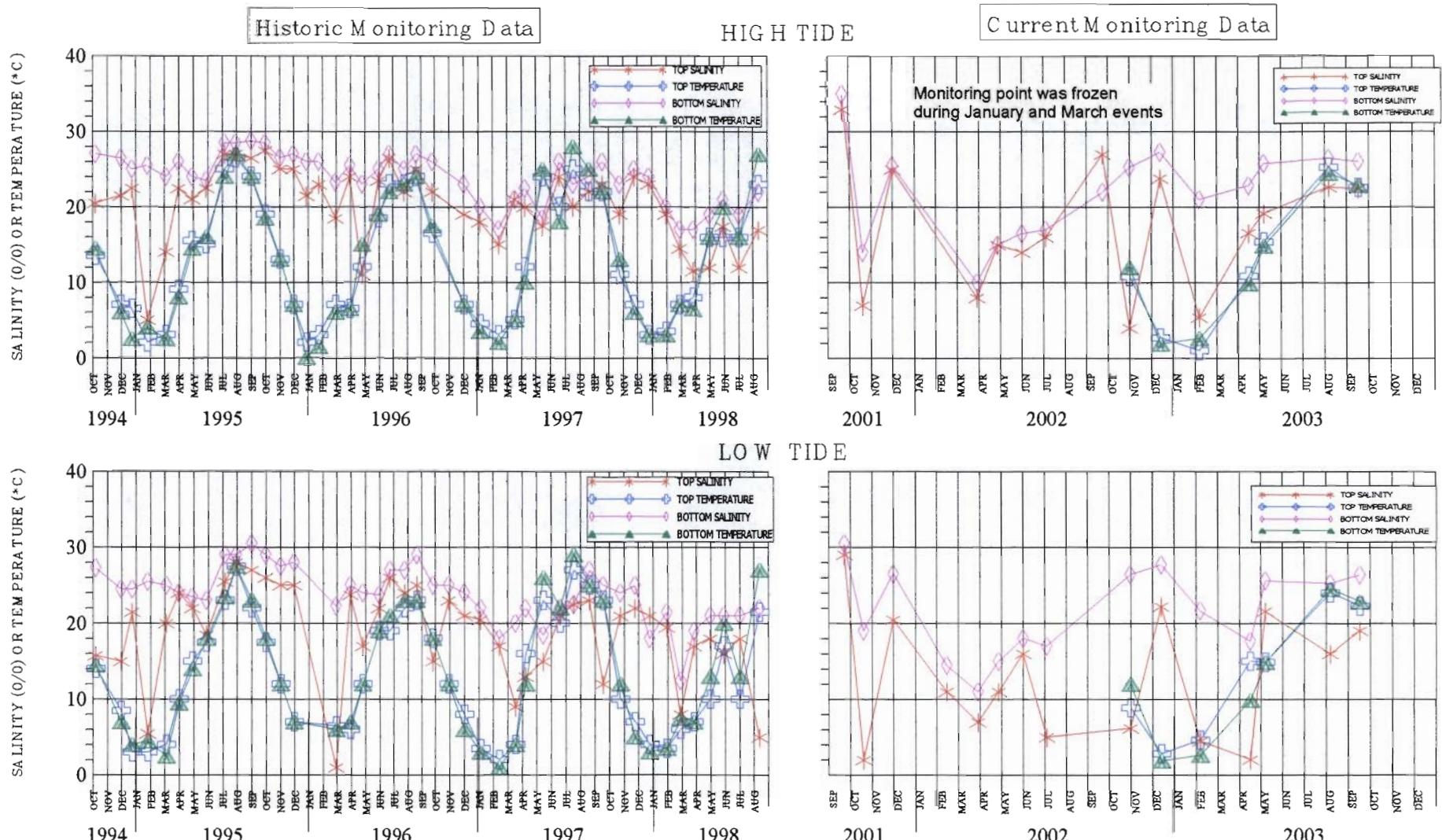
TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-4  
DURING HIGH AND LOW TIDES



Monitoring point was inaccessible during low tide for January event

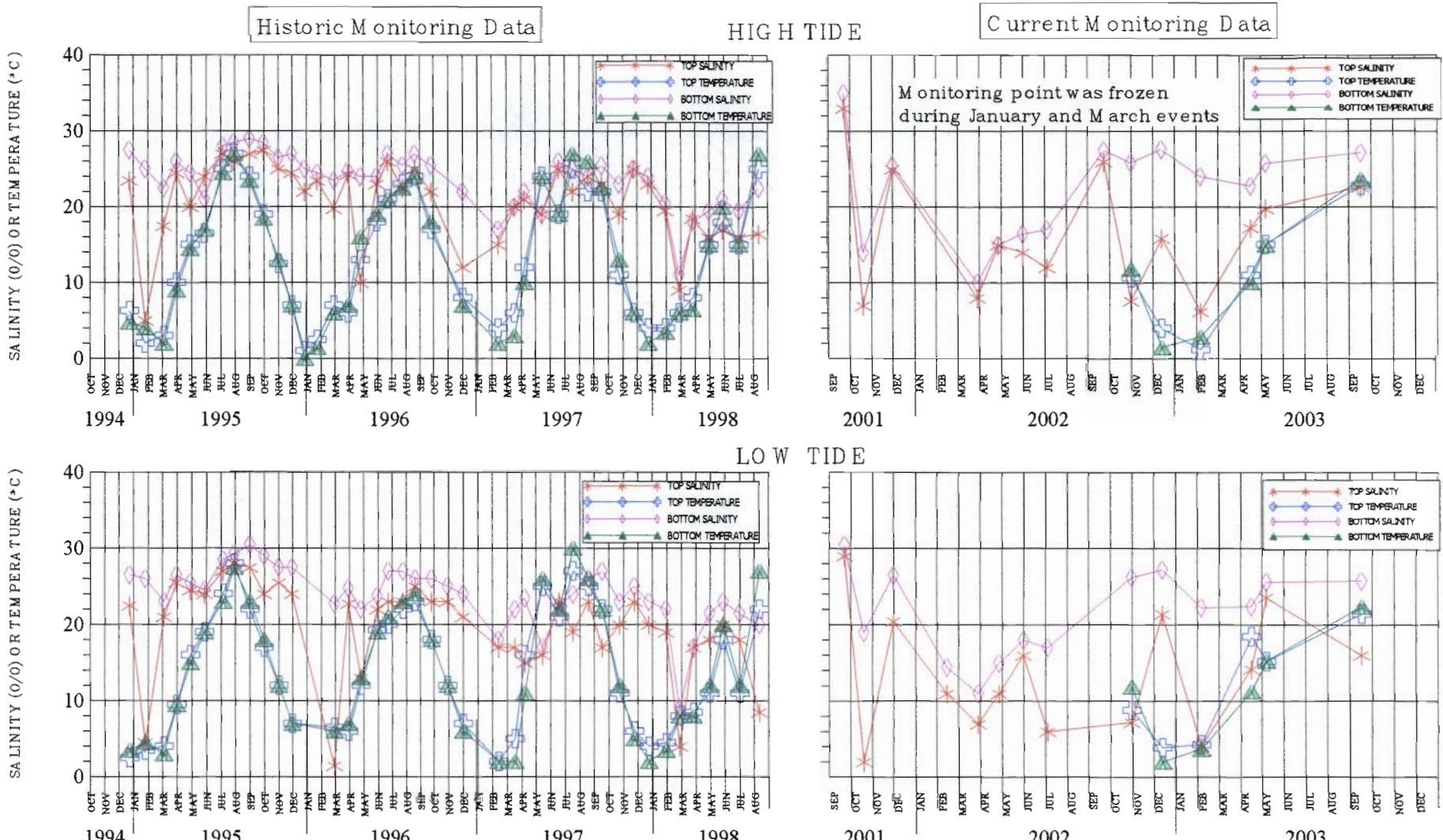
GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-5  
DURING HIGH AND LOW TIDES



GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

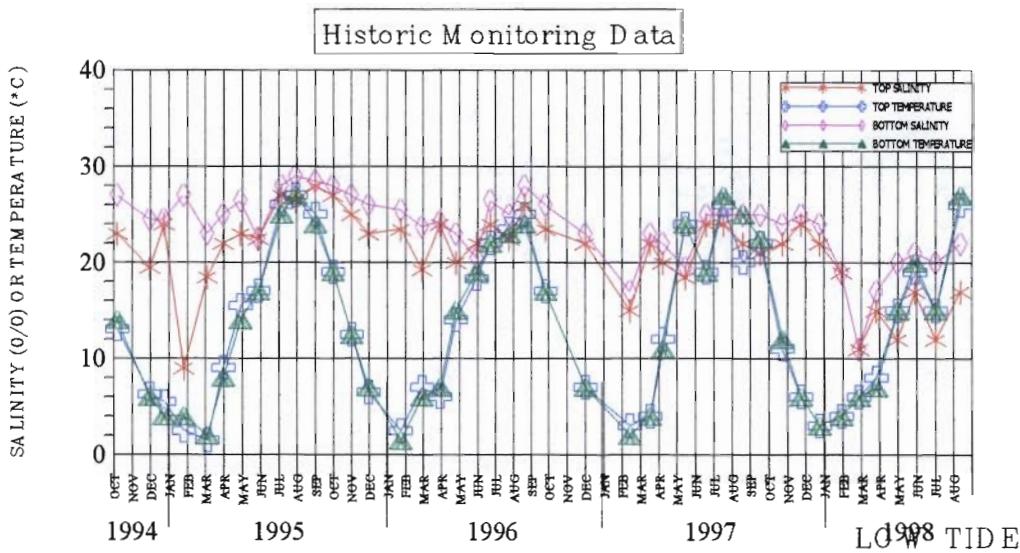
TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-6  
DURING HIGH AND LOW TIDES



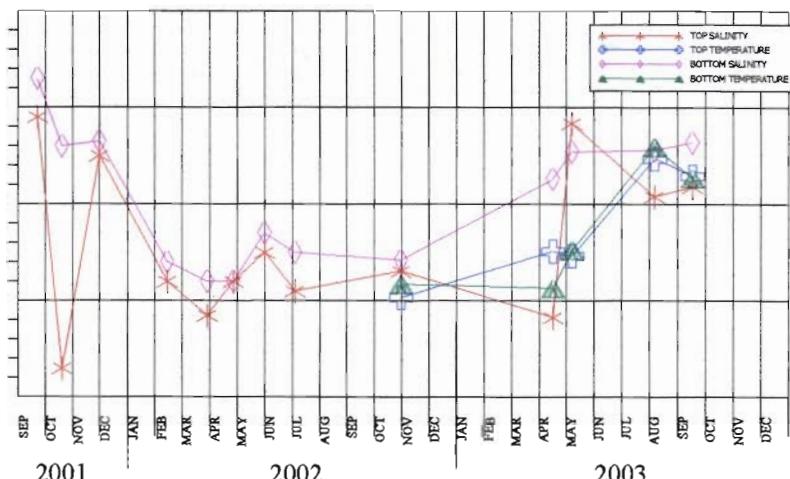
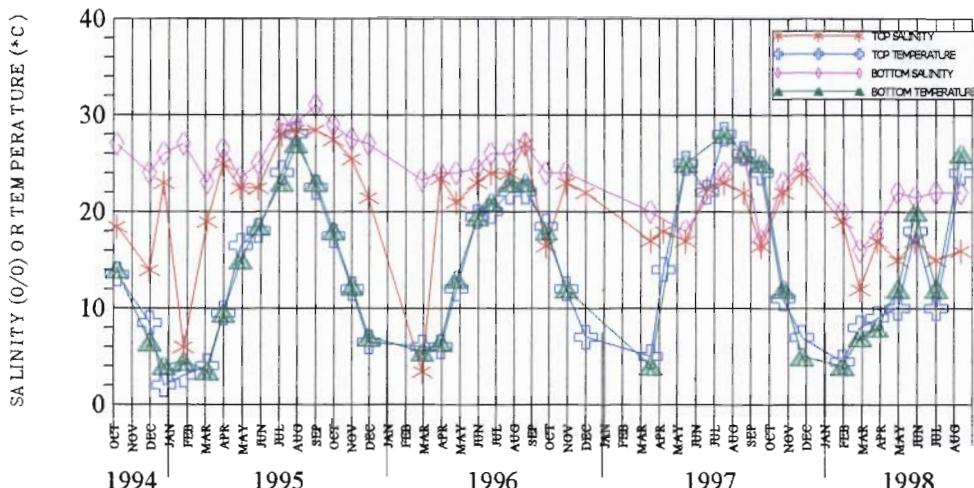
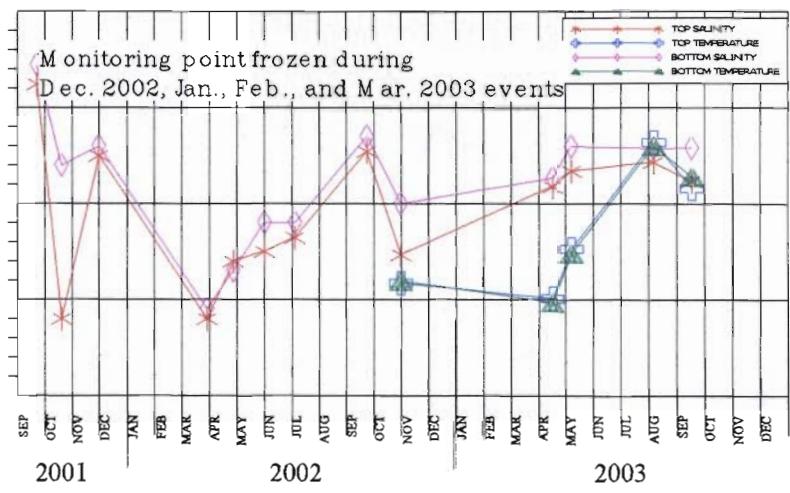
GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-7  
DURING HIGH AND LOW TIDES

HIGH TIDE

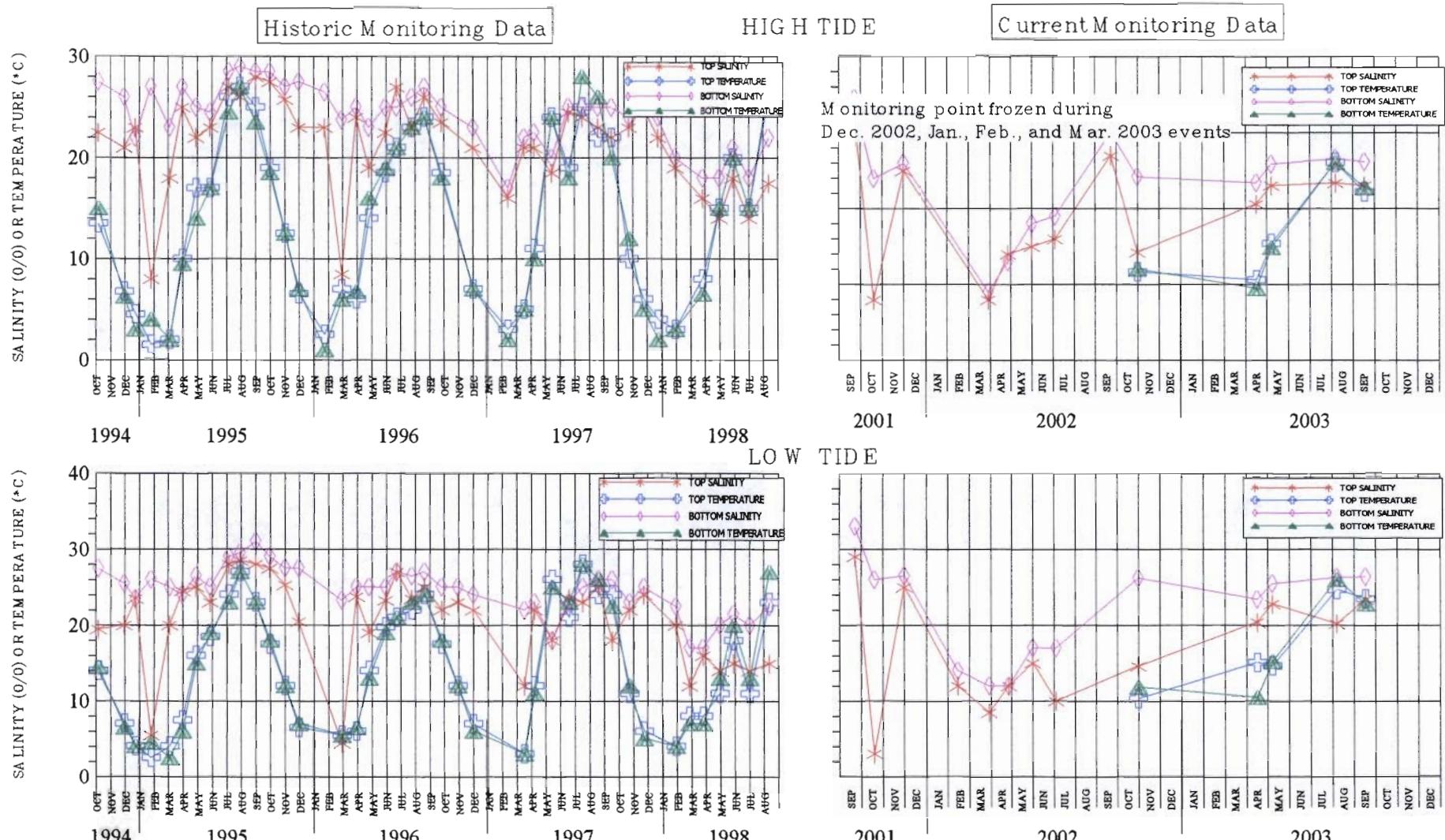


**Current Monitoring Data**



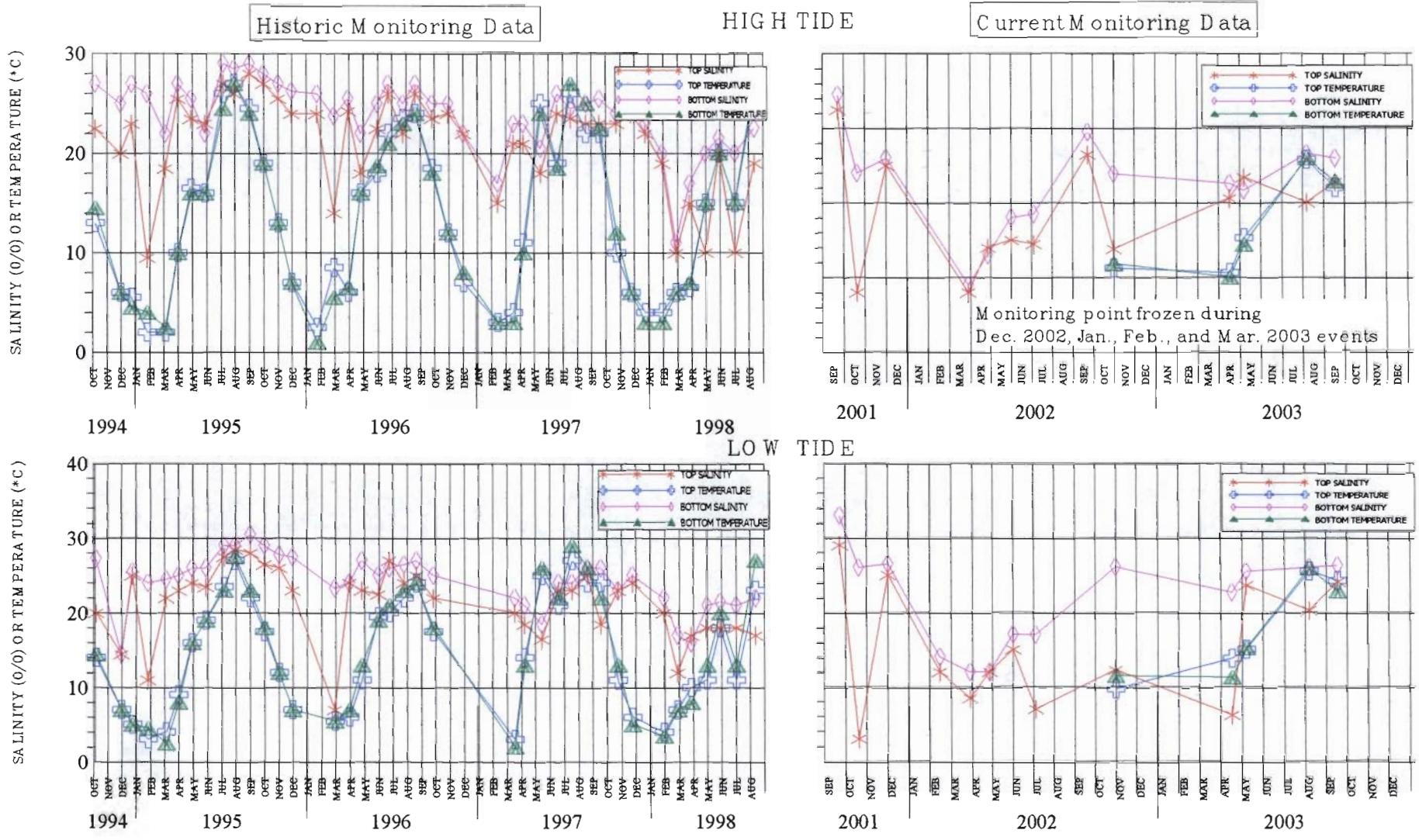
GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-8  
DURING HIGH AND LOW TIDES



GROUND-WATER REMEDIATION DESIGN  
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

TEMPERATURE AND SALINITY MEASUREMENTS  
FOR MONITORING POINT S-9  
DURING HIGH AND LOW TIDES



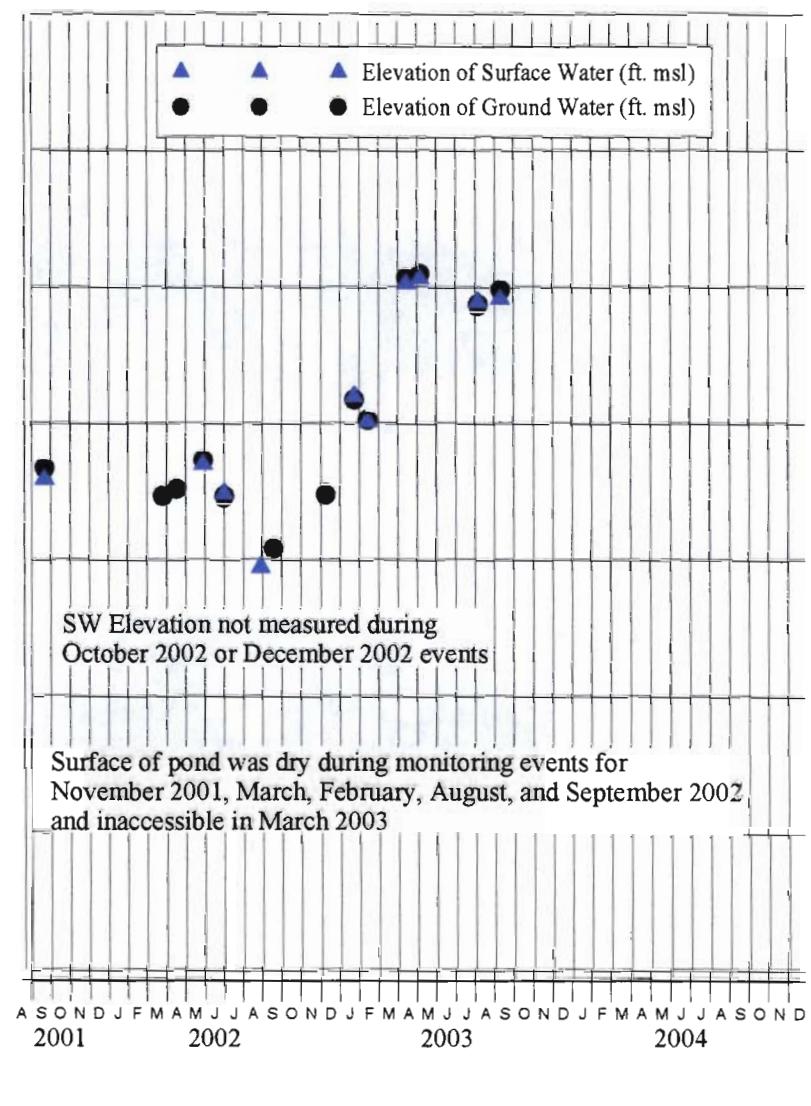
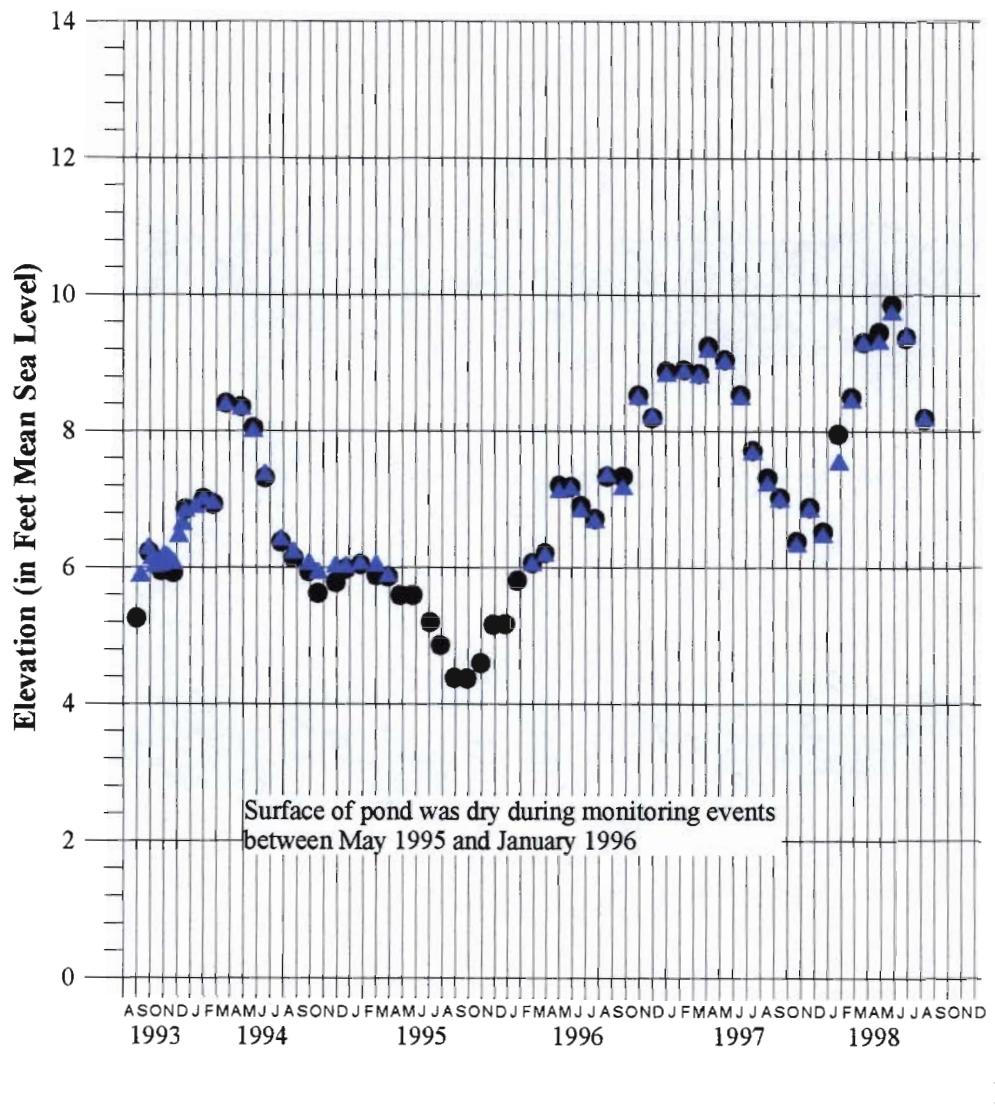
S:\ATECH\NABIS\NABSAG\SALINITY\CURRENT SALINITY\S-9

LBG ENGINEERING SERVICES, P.C.

**APPENDIX VI  
POND HYDROGRAPHS**

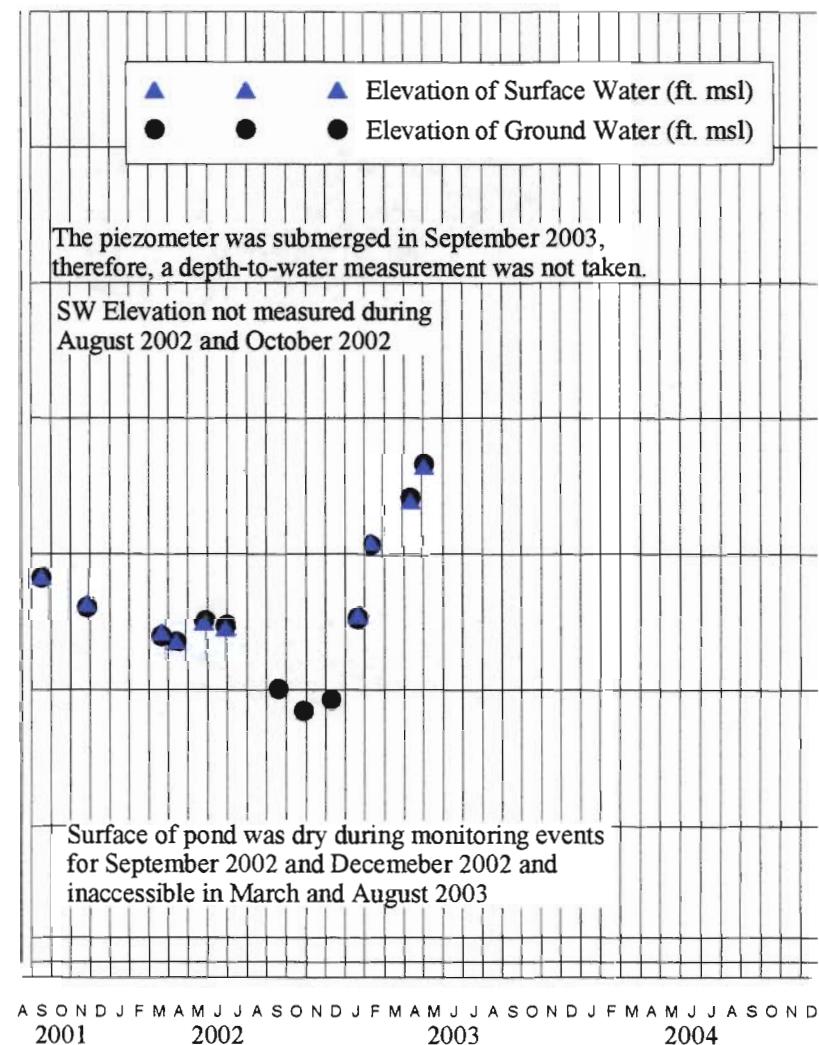
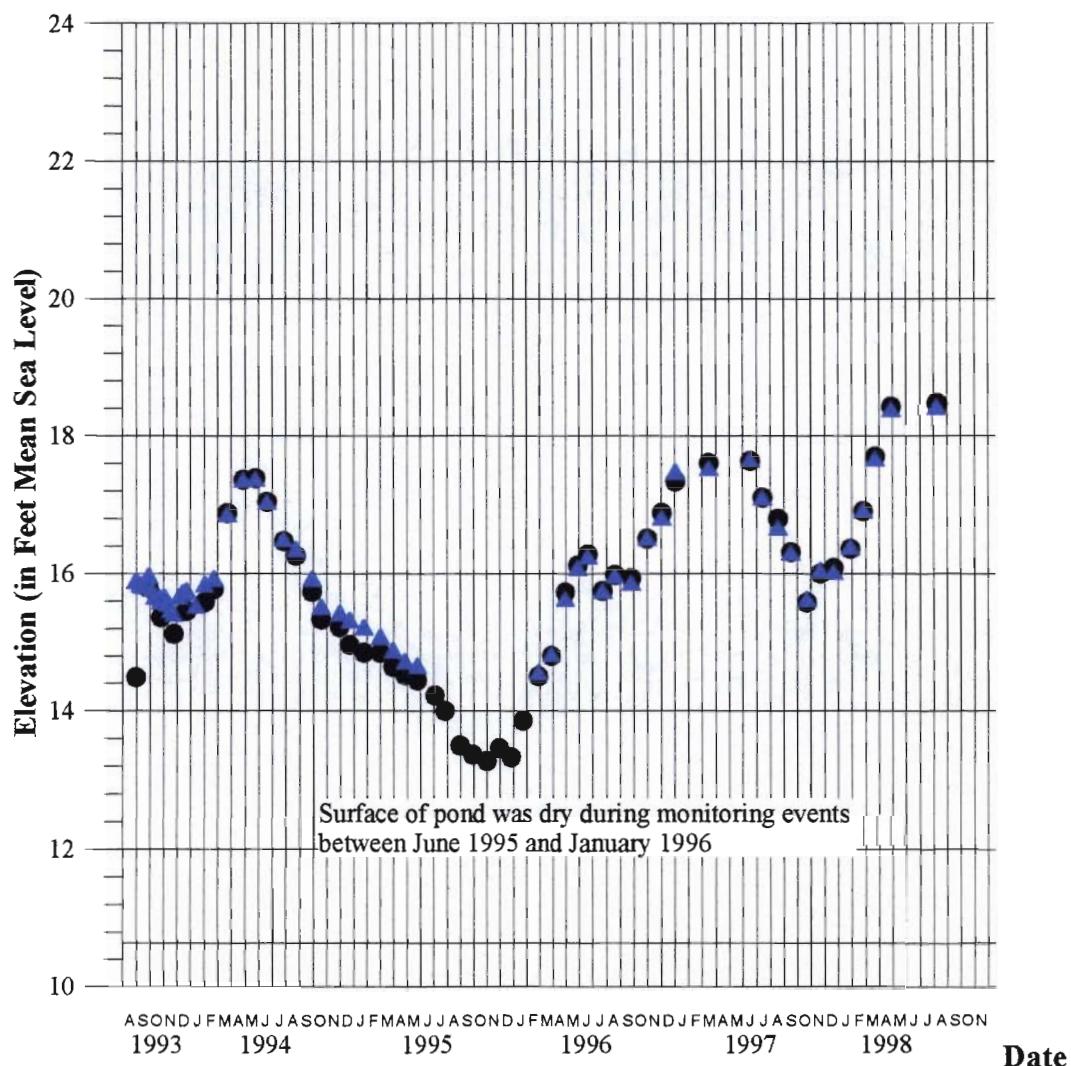
# ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Whaler's Pond Piezometer



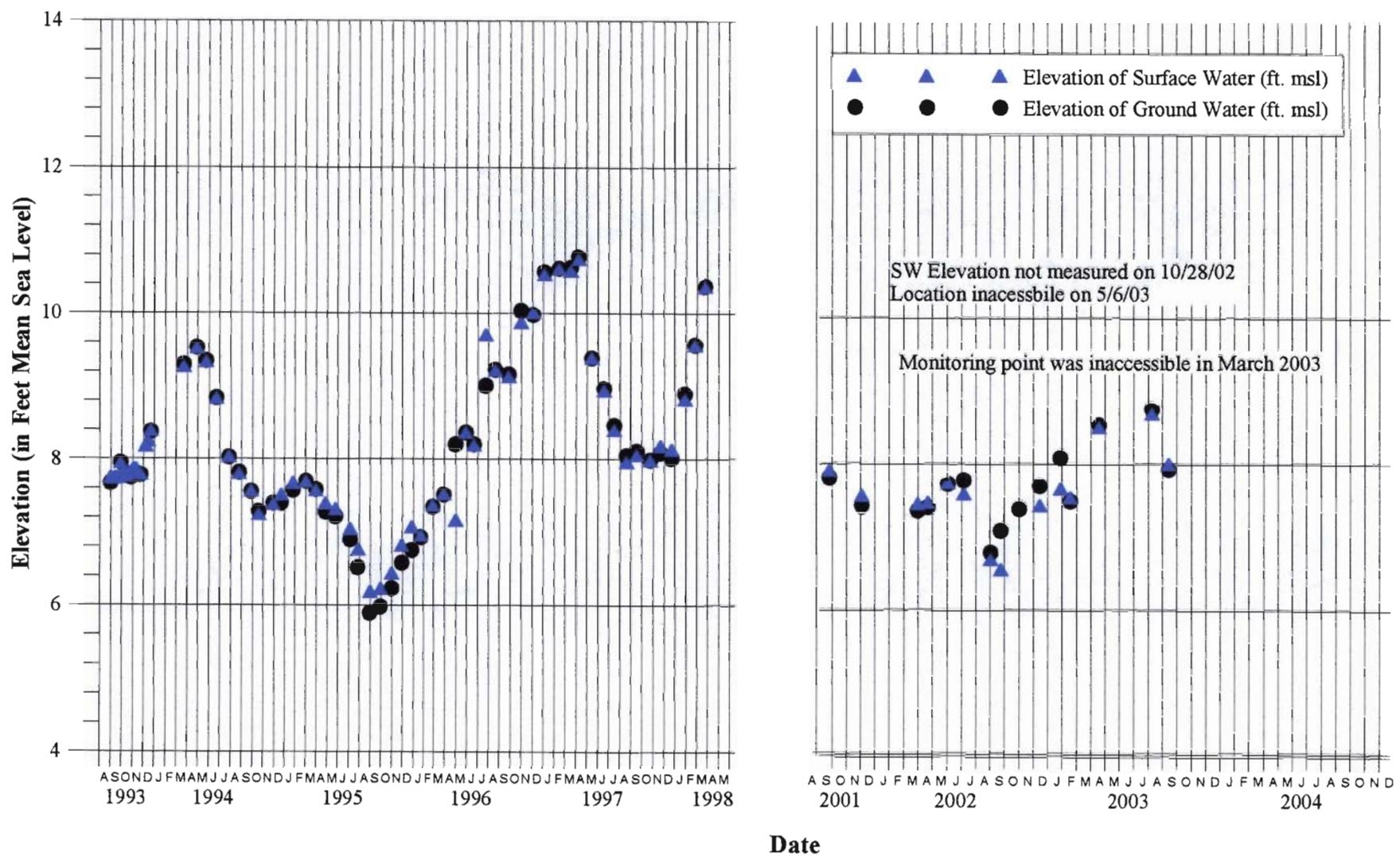
# ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Crooked Pond Piezometer



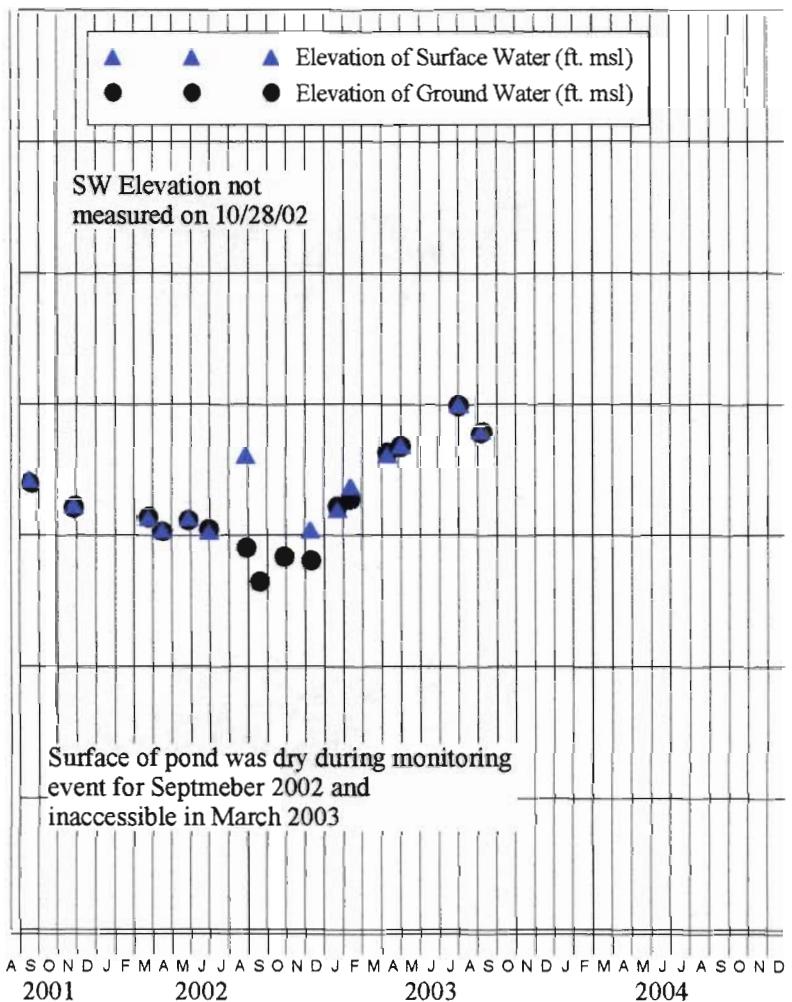
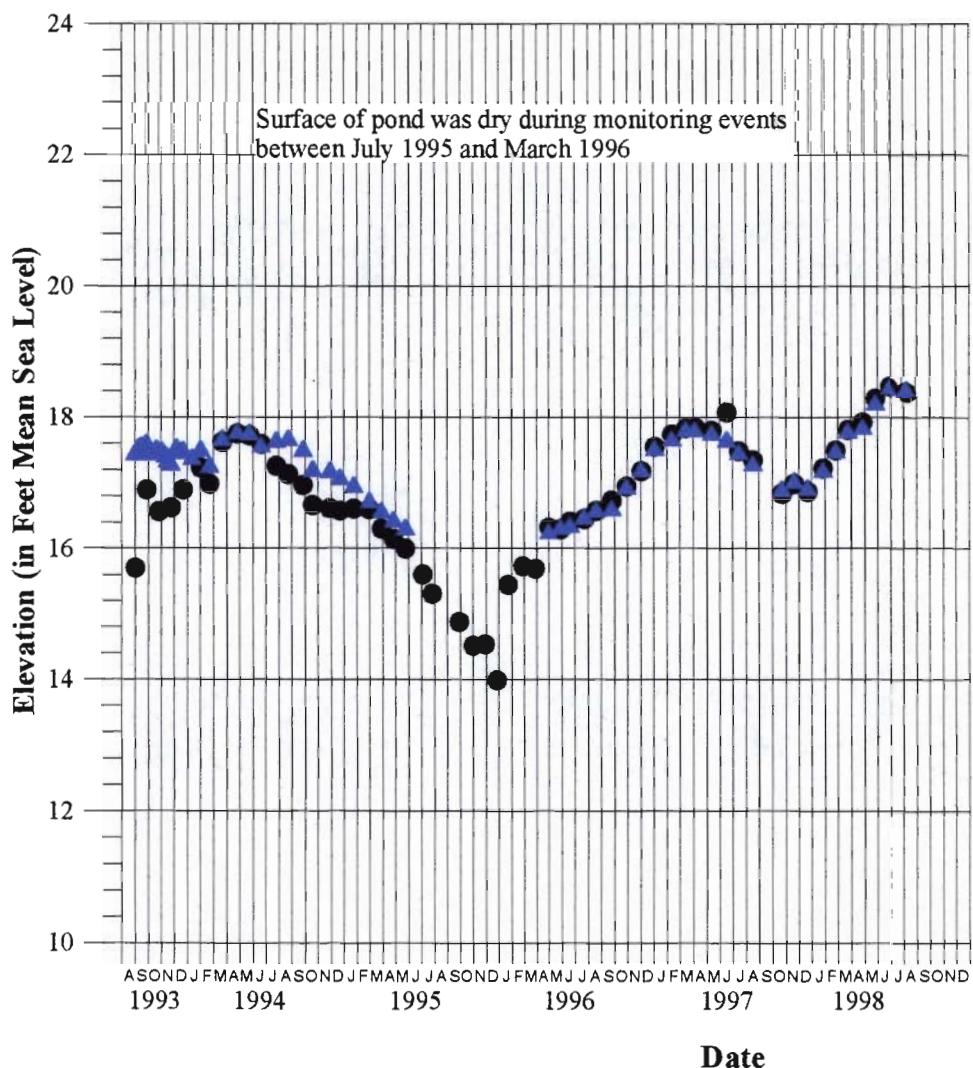
# ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Round Pond Piezometer

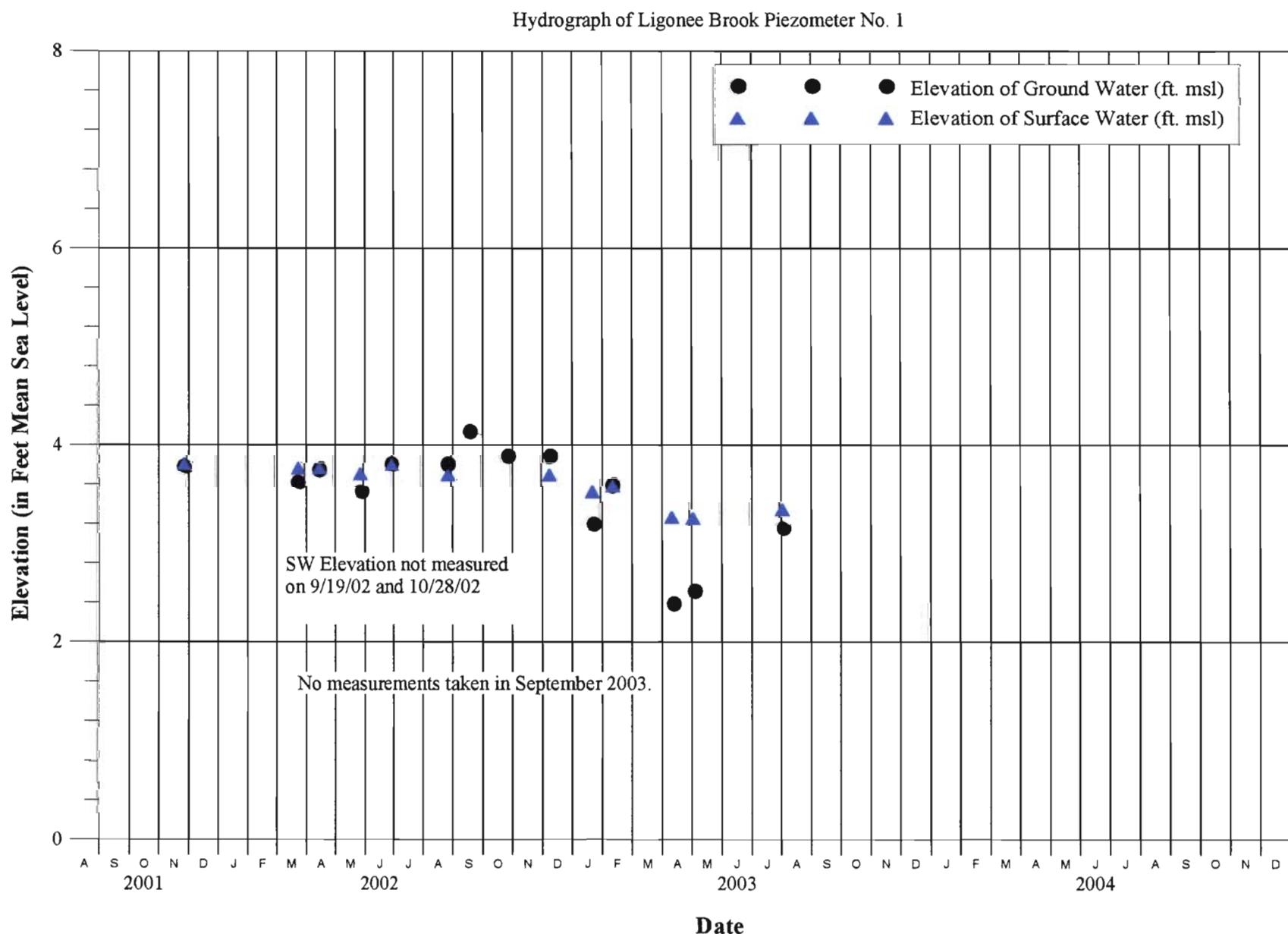


# ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

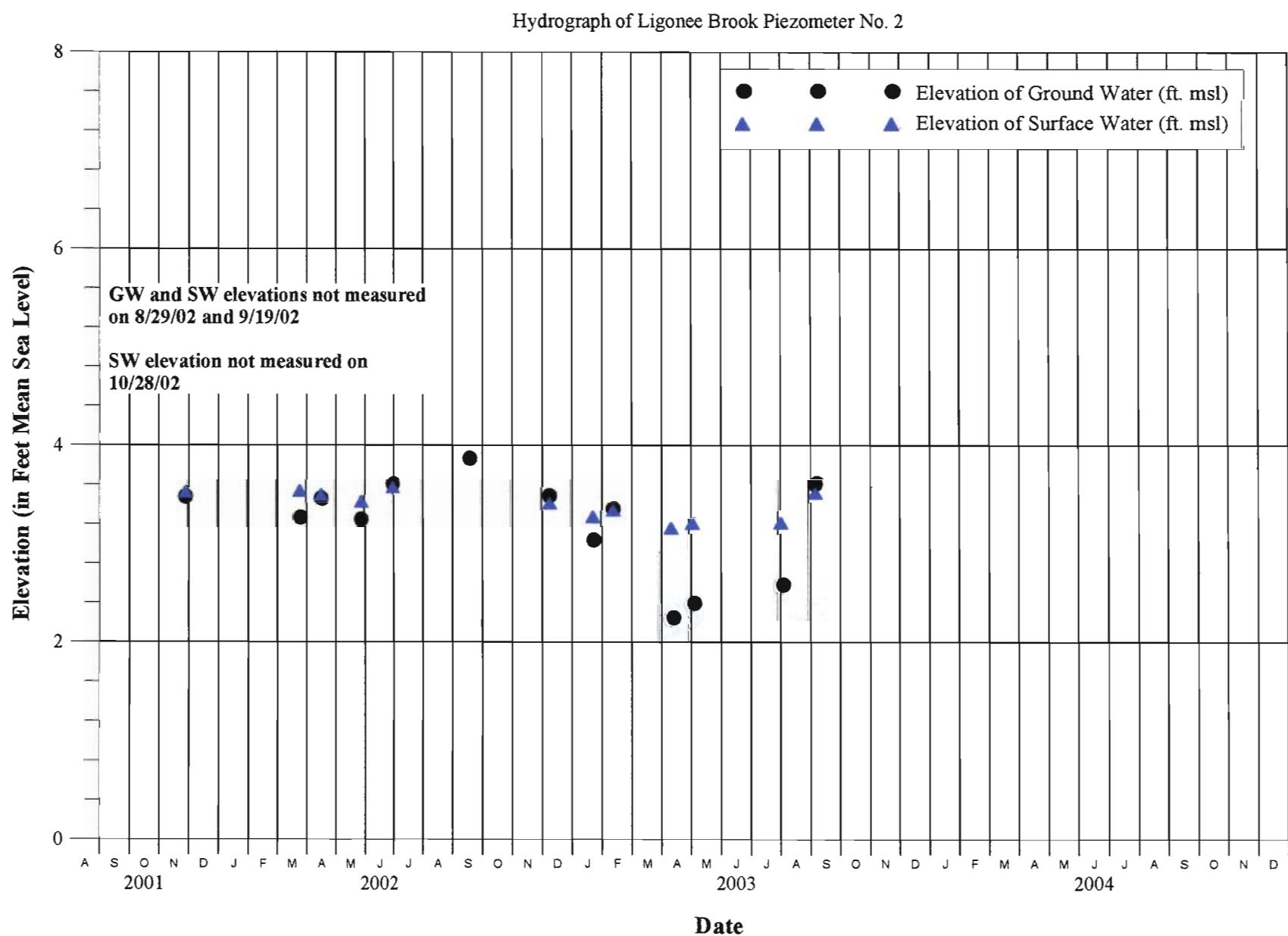
Hydrograph of Lily Pond Piezometer



ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK



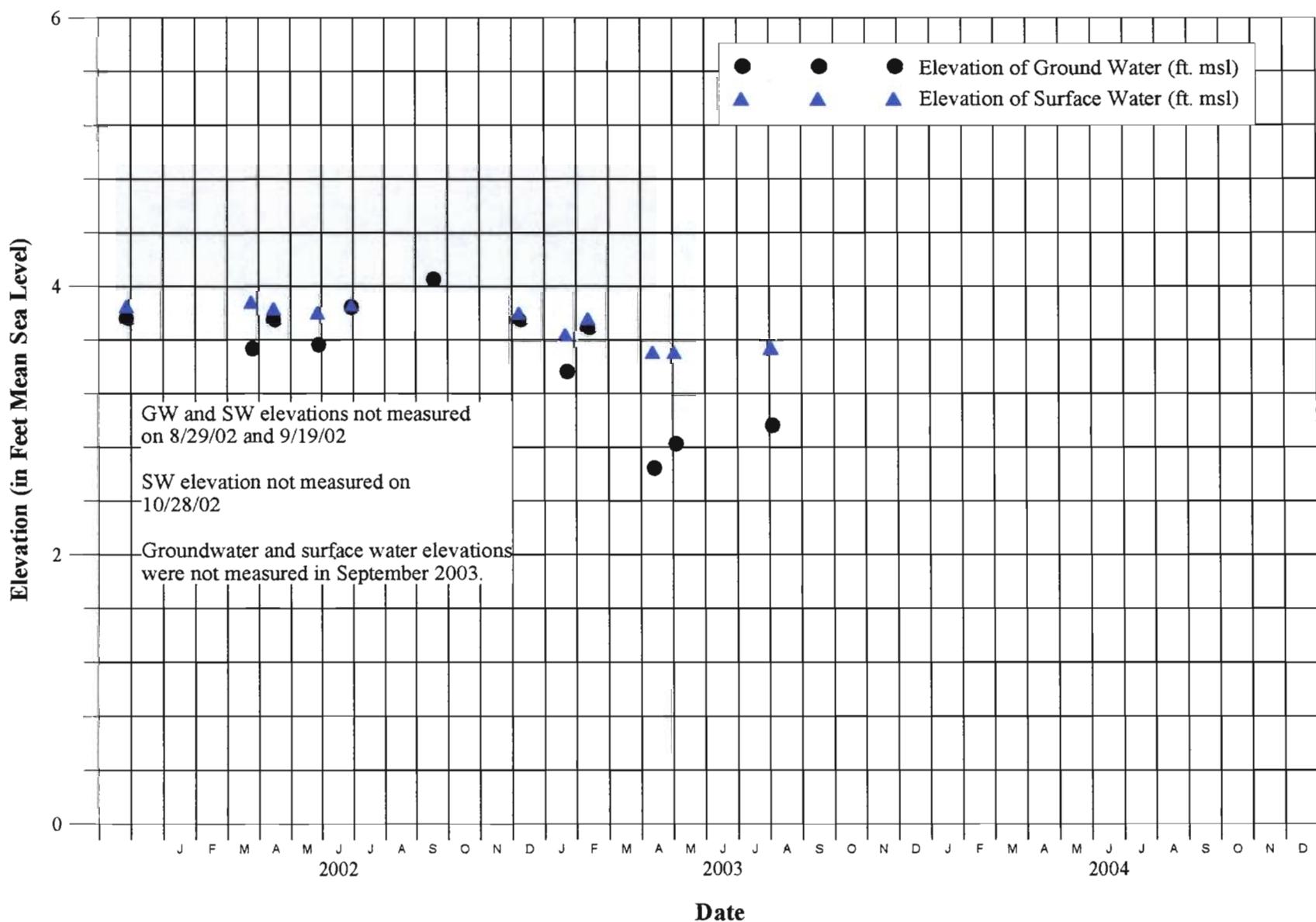
ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK



Leggette, Brashears & Graham, Inc.

# ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

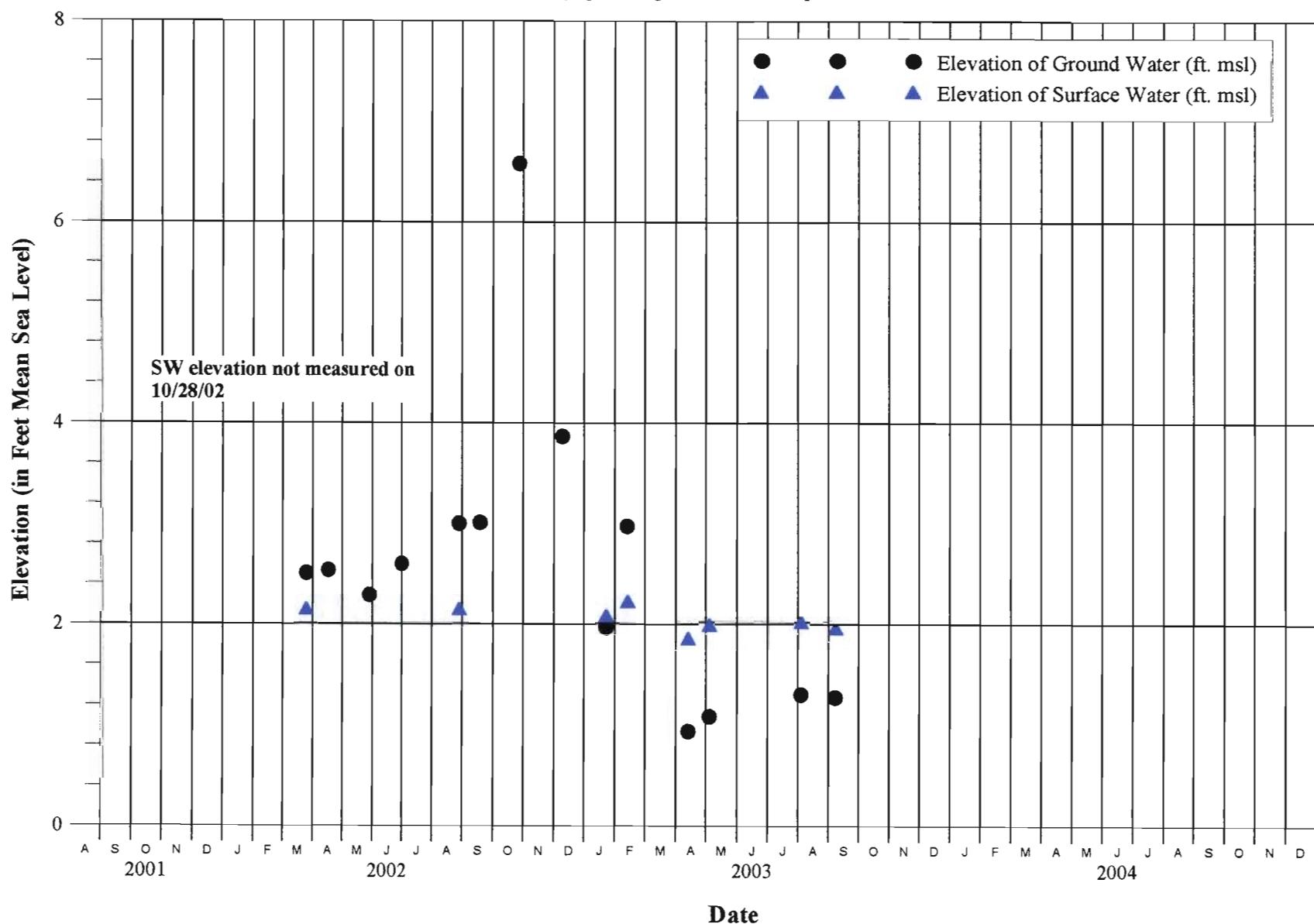
Hydrograph of Ligonee Brook Piezometer No. 3



Leggette, Brashears & Graham, Inc.

ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

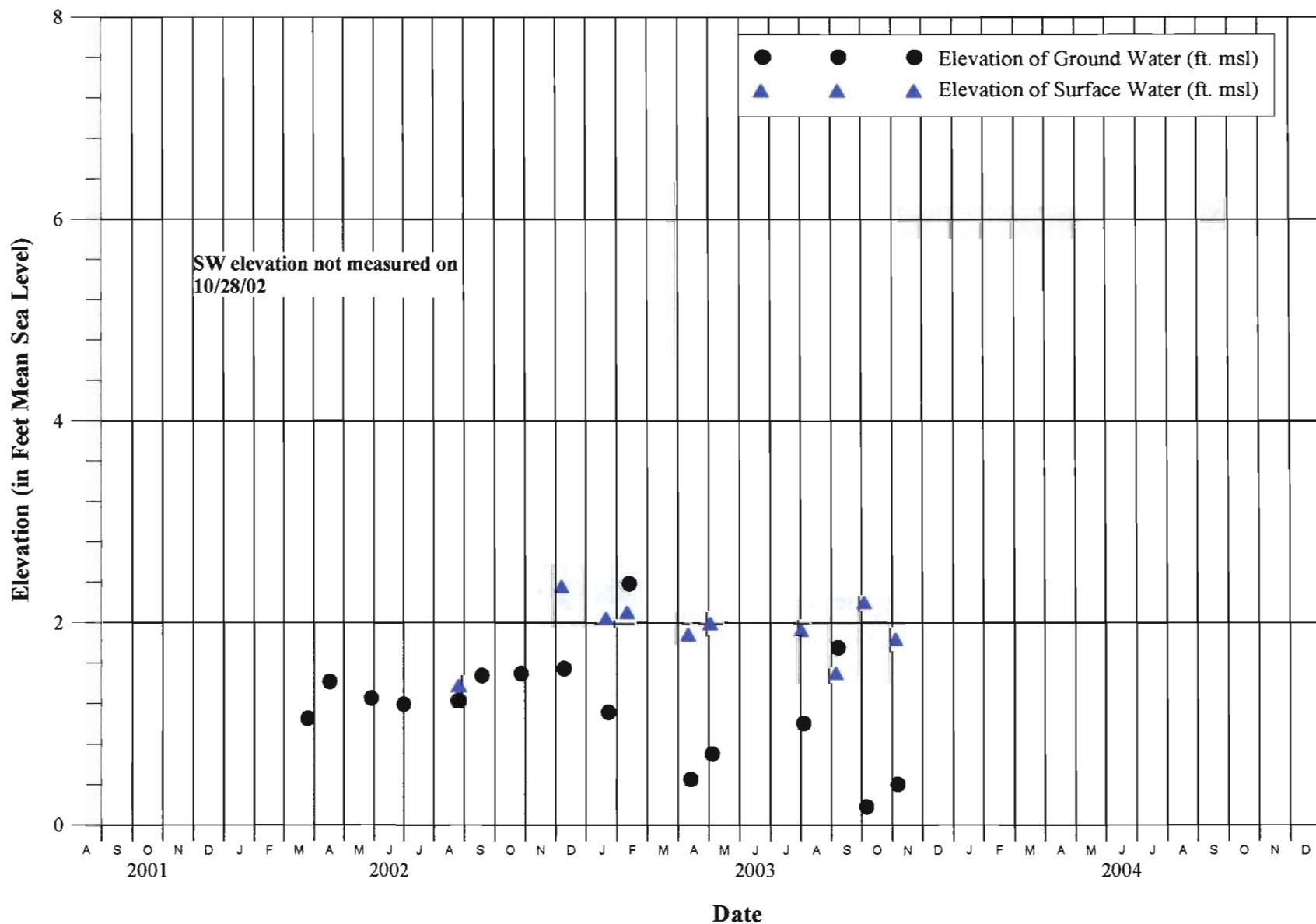
Hydrograph of Ligonee Brook Tumpike Piezometer



Leggette, Brashears & Graham, Inc.

ROWE INDUSTRIES SITE  
SAG HARBOR, NEW YORK

Hydrograph of Ligonee Brook Kiln Road Piezometer



Leggette, Brashears & Graham, Inc.