LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER AND ENVIRONMENTAL ENGINEERING SERVICES

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November 6, 2003

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

RE: August 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 or Al Kovalik at (203) 452-3100.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.

Paul Johmann etn

Paul Johmann
Senior Environmental Engineer

PJ:etn
Enclosures
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-DRAFT-

PROJECT STATUS MEMORANDUM NO. 03-08

TO: Pamela Tames, USEPA

FROM: Paul Jobmann,
Alfred N. Kovalik, P.E.

DATE: November 5, 2003

PROJECT: Rowe Industries Superfund Site
Ground-Water Recovery and Treatment System
August 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 August 1, 2003 through August 31, 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

(August 1, 2003 through August 31, 2003)

Reporting Period:	31 days
Total Flow During Period:	11,954,100 gallons
Average Effluent Flow:	382 gallons per minute (gpm) while operating
Mass of VOCs Recovered:	4.7 pounds
Cumulative VOCs Recovered:	72.7 pounds
Hours of Operation:	425 hours during reporting period (57 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 August 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;
- troubleshooting of air stripper blower air flow meter;
- troubleshooting of bag filter pressure sensors;
- 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-8 flowmeter totalizer;
- troubleshoot RW-6 and RW-7 pressure transducers;
- remove and send air stripper blower air flow meter to manufacturer for repair; and
- clean flowmeters and piping in recovery well vaults.

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. 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 is presented later in this report.

Based on analytical results for samples collected from the influent to the air stripper and water flow totalizer readings, approximately 4.7 pounds of volatile organic compounds (VOCs) were recovered by the system in August. The cumulative recovery of VOCs by the system since the start of operation is 72.7 pounds. The VOC recovery calculation for August is attached as Appendix II and is based on three sampling events. Laboratory analytical reports are attached as Appendix III.

Well	Volume Pumped (gal)	Average Flow (gpm)	Design Flow (gpm)	Total VOC Concentration (ug/L)***	VOC Recovery (lbs)
RW-1	748,487	27.6	35	9.5	0.06
RW-2	784,022	30.0	45	12.0	0.08
RW-3	748,665	30.0	30	10.3	0.06
RW-4*	1,128,000	50	50	207.2	1.95
RW-5	1,497,550	55.0	55	21.8	0.27
RW-6	1,497,373	35.0	50	150.6	1.88
RW-7	2,680,120	69.5	80	152.1	3.40
RW-8	1,459,262**	55.0	90	40.1	0.49
RW-9	2,994,920	72.3	100	17.2	0.43

*Estimated volume and flow due to sensor power supply malfunction.
** Volume estimated based on totalizer reading on 8/22 and calculated volume following 8/22 due to totalizer malfunction.
*** VOC concentrations from July 2003. No samples collected during August 2003 from RWs.

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 401 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 two times a 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 configuration reduced required change-outs of the filter bags from daily to approximately two times a week.

The average airflow rate through the air stripper during the reporting period was 3,230 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. Troubleshooting of the air stripper blower airflow meter is planned for September 2003. A graph of the air stripper blower air flow rate, 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. Water samples could not be collected during the week of August 11 due to the power blackout. 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 August 20th analytical data) was 0.00949 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

No ground-water samples were collected from the nine recovery wells during this reporting period. 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 levels 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 August 5, 2003. 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.

The drawdown in the recovery wells shown in Table 5 were calculated for August using manual water level measurements collected August 26 and drawdown calculated from remediation system data logs. 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 August. The calculated drawdowns in the recovery wells have remained stable throughout the period of operation. The decreasing trend and negative numbers observed in the graphs are a result of seasonal fluctuation of the water table. The static ground-water elevations, which are used to calculate the drawdown, are only updated periodically resulting in the negative drawdown values when the system is not recovering ground water.

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

PJ:etn
Attachments
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TABLES

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

MAINTENANCE LOG
(August 1, 2003 through August 31, 2003)

Date	Time	System Changes/Modifications	Personnel
8/2/2003	12:00 PM	Changed multi-bag filter bags (200 µm) in bank 2, seven of eight housings used. Used bank 3 during changeout, then shut off.	ASH
8/3/2003	4:04 AM	System leak alarm. Caused by storm water entering rear of remediation building. Water in secondary containment pumped out to discharge in catch basin.	
8/5/2003		Changed multi-bag filter bags (200 µm) in bank 2, seven of eight housings used.	MD
	5:05 PM	Restart system.	MD
	5:14 PM	Filter bank 1 high differential pressure warning.	
	5:17 PM	Filter bank 3 high differential pressure warning.	
	5:17 PM	Filter bank 3 high differential pressure alarm.	
	7:14 PM	Restart system.	MD
	7:19 PM	Filter bank 1 high differential pressure warning.	
	7:20 PM	Filter bank 1 high differential pressure alarm.	
8/7/2003	12:50 PM	Restart system.	MD
	1:07 PM	Control room low temperature alarm.	
	8:24 PM	Filter bank 1 high differential pressure warning.	ASH
	10:23 PM	Filter Bank 2 high differential pressure warning.	
8/8/2003	9:20 AM	Filter Bank 2 high differential pressure alarm.	ASH
	10:36 PM	Booster blower low pressure alarm.	
8/9/2003	4:07 AM	Low pH alarm	ASH
	11:22 AM	Filter bank 3 high differential pressure warning	
	11:22 AM	Filter bank 3 high differential pressure alarm	
	11:50 AM	Control room low temperature alarm.	
	1:24 PM	Restart system.	ASH
	1:33 PM	RW-1 low flow alarm	
	1:41 PM	Restart RW-1 pump.	ASH
		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used. Used bank 3 during changeout, then shut off.	
	3:58 PM	Filter bank 1 high differential pressure warning	
	4:28 PM	Filter bank 1 high differential pressure alarm.	
8/10/2003	11:39 AM	Control room low temperature alarm.	
		Open filter bank 2 influent and effluent valves.	ASH
	12:53 PM	Restart system.	ASH
	6:35 PM	Filter bank 1 high differential pressure warning.	
	7:09 PM	Filter bank 2 high differential pressure warning.	
8/11/2003	3:58 AM	Filter bank 2 high differential pressure alarm.	
	4:33 PM	Booster blower low pressure alarm.	
	4:34 PM	Low pH alarm.	
	9:42 PM	Air stripper blower low pressure alarm.	
8/12/2003		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used.	PC
	11:18 AM	Restart system.	PC
	4:24 PM	Booster blower low pressure	
	4:27 PM	Filter bank 3 high differential pressure warning	
	4:38 PM	Filter bank 3 high differential pressure alarm	
	6:14 PM	Low pH alarm	
	6:14 PM	Air stripper blower low pressure	

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

MAINTENANCE LOG
(August 1, 2003 through August 31, 2003)

Date	Time	System Changes/Modifications	Personnel
8/13/2003		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used.	PJ
		Tighten belt on air stripper blower. Input offsets for ASB and BB low pressure alarms in program to correct reading between local and PLC display.	PJ
	1:20 PM	Restart system	PJ
8/14/2003	4:12 PM	Power failure alarm (blackout)	
8/18/2003		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used.	PJ
		Changed lead and lag pumps for transfer pumps 1 and 2. Transfer pumps 1B and 2B now lead pumps.	
	10:15 AM	Restart system	PJ
8/19/2003	10:04 PM	Filter bank 2 high differential pressure warning	
		Filter bank 1 high differential pressure warning	
		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used. Used bank 3 during changeout, then shut off.	PJ
	11:04 AM	Reset alarms.	PJ
8/21/2003	11:48 AM	Filter bank 2 high differential pressure warning	
	11:04 PM	Filter bank 1 high differential pressure warning.	
8/23/2003		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used. Used bank 3 during changeout, then shut off.	ASH
	1:28 PM	Reset alarms.	ASH
8/24/2003	1:24 PM	Filter bank 2 high differential pressure warning.	
8/25/2003	9:31 AM	Filter bank 1 high differential pressure warning.	
8/26/2003	9:26 AM	Filter bank 1 high differential pressure alarm.	
		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used.	PH
	9:53 AM	Restart system.	PH
8/28/2003	2:12 PM	Filter bank 2 high differential pressure alarm	
8/29/2003		Changed multi-bag filter bags (200 µm) in bank 1 and 2, seven of eight housings used. Used bank 3 during changeout, then shut off.	MD
	12:47 PM	Restart system	MD

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)	Naph-thalene (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	---	---	---
7-Aug-03	6.85	91	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	18	0.547
20-Aug-03	6.6	70	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	0.871	NM
26-Aug-03	6.7	NM	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	3.73	NM

SPDES: State Polluntant 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-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
1,2-DCE: 1,2-Dichloroethene
MTBE: Methyl tert-butyl ether

Notes:
1. TDS & Freon 113 added to paramter 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. Discharge samples were not collected during the week of August 11th due to power blackout.

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/m3) 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	ND	ND	0.88	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

Midcarbon

Sample Name	Date	Time	Parameters (mg/m3) 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	ND	ND	ND	ND	ND	ND
Midcarbon 112002	11/20/2002	21:50	ND	ND	ND	ND	ND	ND	0.22	0.06	0.07	ND	ND	ND	0.19	0.77	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	ND	0.017	0.07	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	ND	0.03	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	ND	0.013	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	ND	0.011	ND	ND	ND	ND	ND	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	ND	0.002	0.009	0.001	0.002	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	ND	0.004	0.018	0.002	ND	0.021	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	ND	0.13	0.078	ND	0.1	ND

Postcarbon

Sample Name	Date	Time	Parameters (mg/m3) 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	ND	0.049	ND	0.016	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	0.004	0.002	ND	0.002	ND	0.021	ND	ND	ND	ND
Postcarbon 112002	11/20/2002	21:51	Sample lost due to lab error																		
Postcarbon 112602	11/26/2002	20:13	ND	ND	ND	ND	ND	ND	0.012	0.004	0.002	ND	ND	ND	0.017	0.087	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	ND	0.018	ND	ND	ND	ND	ND	ND
AQ0220030932NP4-3	2/20/2003	9:32	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ0312031132NP4-3	3/12/2003	11:32	ND	ND	0.008	0.01	0.018	ND	0.01	0.002	0.002	ND	ND	0.006	ND	ND	0.003	0.01	ND	ND	ND
AQ0409030944NP4-3	4/9/2003	9:44	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
AQ060503:1157NP4-3	6/5/2003	11:57	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
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	0.04	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	ND	0.012	ND	0.1	0.043	ND	0.073	0.002

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-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)
RW-1	5-Sep-02	ND<1	ND<1	ND<1	27	1.9	-	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	ND<1	ND<1	ND<1	ND<1	2.6	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	ND<1	ND<1	ND<1	ND<1	2.2	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	ND<1	ND<1	ND<1	ND<1	2.8	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02		-	-	-	-	-	0.032	ND<0.02	-	-	-	-
	3-Jan-03	ND<1	ND<1	ND<1	ND<1	2.4	16	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	ND<1	ND<1	ND<1	ND<1	2.0	9.8	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	ND<1	ND<1	ND<1	ND<1	1.4	4.3	0.566	ND<0.02	ND<1	ND<1	ND<1	10
	23-Apr-03	ND<1	ND<1	ND<1	ND<1	1.2	8.6	0.053	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	ND<1	ND<1	ND<1	ND<1	1.8	8.7	0.051	ND<0.02	ND<1	ND<1	ND<1	3.6
	11-Jun-03	ND<1	ND<1	ND<1	ND<1	ND<1	8.1	0.0290	ND<0.02	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	ND<1	ND<1	ND<1	ND<1	2.9	6.6	0.0100	0.03	ND<1	ND<1	ND<1	ND<1
RW-2	5-Sep-02	190	2.9	ND<1	ND<1	ND<1	21	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	120	1.4	ND<1	ND<1	ND<1	18	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	140	2	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	110	1.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	6.6
	26-Nov-02		-	-	-	-	-	50.9	0.188	-	-	-	-
	3-Jan-03	38	1.3	ND<1	ND<1	ND<1	7.5	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	31	ND<1	ND<1	ND<1	ND<1	6.7	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	26	1.8	ND<1	ND<1	ND<1	ND<1	11.4	0.059	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	14	1.3	ND<1	ND<1	ND<1	ND<1	6.31	0.212	ND<1	ND<1	ND<1	ND<1
	13-May-03	21	2	ND<1	ND<1	ND<1	3.8	5.51	0.052	ND<1	ND<1	ND<1	3.7
	11-Jun-03	15	0.6	ND<1	ND<1	ND<1	ND<1	3.01	0.885	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	12	ND<1	ND<1	ND<1	ND<1	ND<1	5.34	0.438	ND<1	ND<1	ND<1	ND<1
RW-3	5-Sep-02	23	1.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	5-Sep-02	30	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	18	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	19	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02		-	-	-	-	-	2.23	2.34	-	-	-	-
	3-Jan-03	2.8	8.5	4.8	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	2.7	5.8	2.4	ND<1	ND<1	1.8	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	2.4	3.6	1.1	ND<1	ND<1	ND<1	1.84	0.013	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	1.1	1.2	ND<1	ND<1	ND<1	ND<1	1.81	0.395	ND<1	ND<1	ND<1	ND<1
	13-May-03	2.2	2.5	1.1	ND<1	ND<1	ND<1	1.68	0.166	ND<1	ND<1	ND<1	3.7
	11-Jun-03	2.4	3.4	1.8	ND<1	ND<1	ND<1	2.37	0.517	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	2.3	5.7	2.3	ND<1	ND<1	ND<1	1.77	0.636	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

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-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)
RW-4	23-Sep-02	550	8.5	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	23-Sep-02	590	9.5	1.6	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	670	11	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	450	9.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02		-	-	-	-	-	11	2.41	-	-	-	-
	3-Jan-03	190	3.8	7.1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	130	6.5	0.7	ND<1	ND<1	4.3	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	150	3.6	ND<1	ND<1	ND<1	ND<1	1.36	0.041	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	110	3.1	ND<1	ND<1	ND<1	ND<1	3.18	0.136	ND<1	ND<1	ND<1	ND<1
	13-May-03	170	5.4	1.0	ND<1	ND<1	3.4	2.38	0.023	ND<1	ND<1	ND<1	3.3
	11-Jun-03	170	4.8	ND<1	ND<1	ND<1	ND<1	1.03	0.572	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	200	5.9	1.3	ND<1	ND<1	ND<1	2.67	0.292	ND<1	ND<1	ND<1	ND<1
RW-5	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		-	-	-	-	-	ND<0.02	ND<0.02	-	-	-	-
	3-Jan-03	5.5	ND<1	ND<1	ND<1	1.9	1.5	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	5.8	ND<1	ND<1	ND<1	1.1	3.5	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	19	ND<1	ND<1	ND<1	ND<1	ND<1	0.489	0.013	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	12	ND<1	ND<1	ND<1	ND<1	ND<1	0.068	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	21	ND<1	ND<1	ND<1	0.8	6.7	0.146	ND<0.02	ND<1	ND<1	ND<1	3.6
	11-Jun-03	21	ND<1	ND<1	ND<1	ND<1	6.2	0.76	0.0356	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	11	ND<1	ND<1	ND<1	1.1	9.7	6.47	0.068	ND<1	ND<1	ND<1	ND<1
RW-6	12-Sep-02	69	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	12-Sep-02	140	1.1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	8-Oct-02	120	1.7	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	9-Oct-02	130	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
	26-Nov-02		-	-	-	-	-	0.37	ND<0.02	-	-	-	-
	3-Jan-03	110	1.1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	23-Jan-03	97	1.6	ND<1	ND<1	0.6	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
	21-Mar-03	130	1.0	ND<1	ND<1	ND<1	ND<1	3.05	ND<0.02	ND<1	ND<1	ND<1	ND<1
	23-Apr-03	79	1.0	ND<1	ND<1	ND<1	ND<1	0.028	ND<0.02	ND<1	ND<1	ND<1	ND<1
	13-May-03	120	1.8	ND<1	ND<1	0.6	ND<1	0.068	ND<0.02	ND<1	ND<1	ND<1	3.5
	11-Jun-03	120	0.7	ND<1	ND<1	ND<1	ND<1	0.0097	0.011	ND<1	ND<1	ND<1	ND<1
	23-Jul-03	150	0.6	ND<1	ND<1	ND<1	ND<1	0.186	0.034	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

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-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)
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
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
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

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed

PCE: Tetrachloroethylene
TCE: Trichloroethene
TCA: 1,1,1-Trichloroethane
1,1-DCA: 1,1-Dichlorothane

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	-	-	0.51
MW-43B	-	-	0.52
MW-43C	-	-	0.35
MW-45A	-	-	0.02
MW-46A	-	-	0.01
MW-46B	-	-	0.01
MW-48A	-	-	0
MW-48B	-	-	0
MW-49A	-	-	0.71
MW-49B	-	-	0.68
MW-49C	-	-	0.56
MW-50A	-	-	0.16
MW-50B	-	-	0.16
MW-50C	-	-	0.16
RW-1	25.39	1.33	1.28
RW-2	16.57	9.70	1.95
RW-3	3.69	1.96	0.98
RW-4	11.83	0.93	1.57
RW-5	18.79	1.94	1.51
RW-6	16.36	24.35	0.96
RW-7	13.51	0.65	1.05
RW-8	6.93	2.03	1.18
RW-9	3.79	9.10	1.34

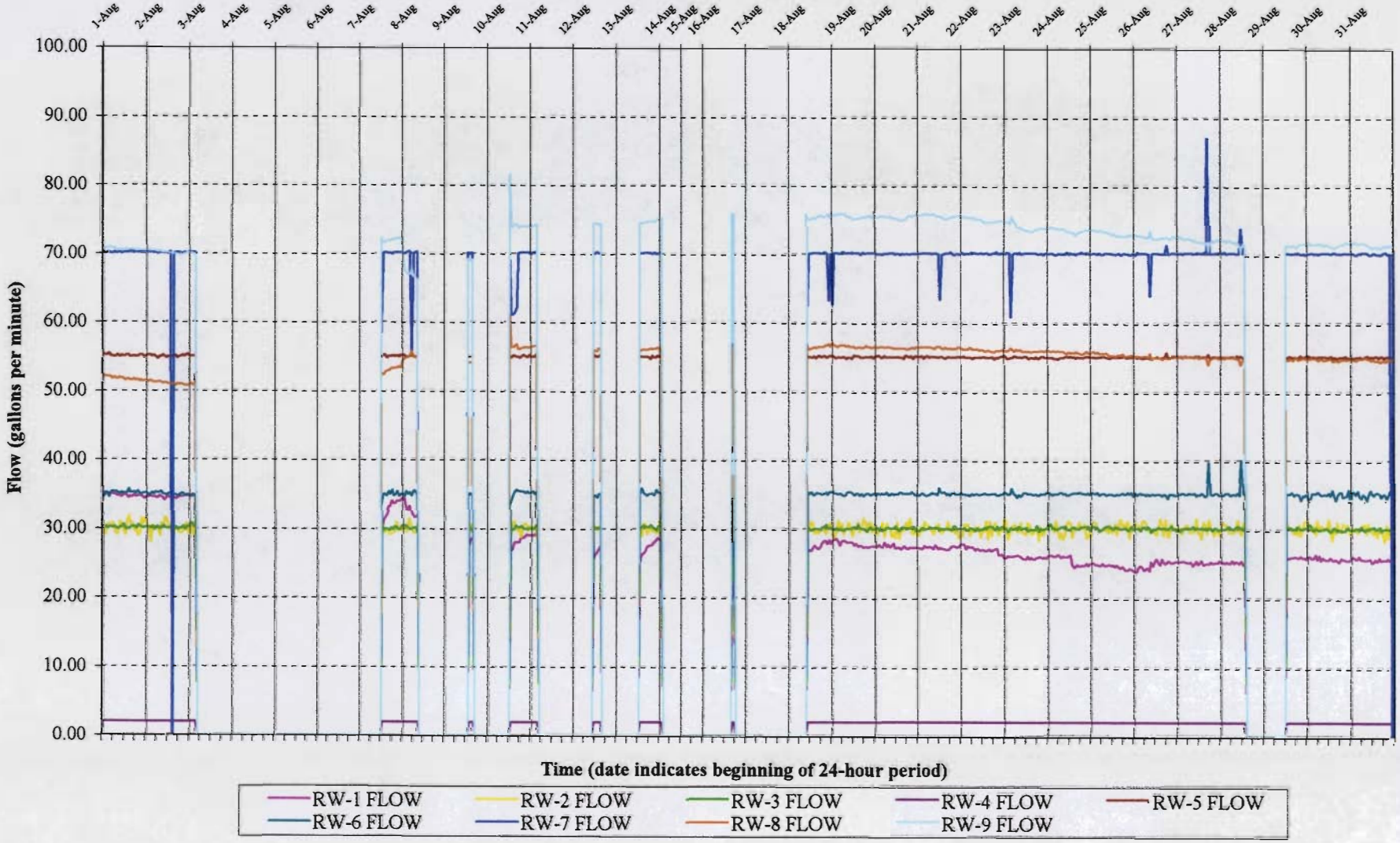
* Drawdown for recovery wells calculated from DTW measured on 8/26/03 and datalog drawdown values.

** Drawdown based on model simulation.

GRAPHS

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

RECOVERY WELL FLOW DATA
(August 1, 2003 through August 31, 2003)



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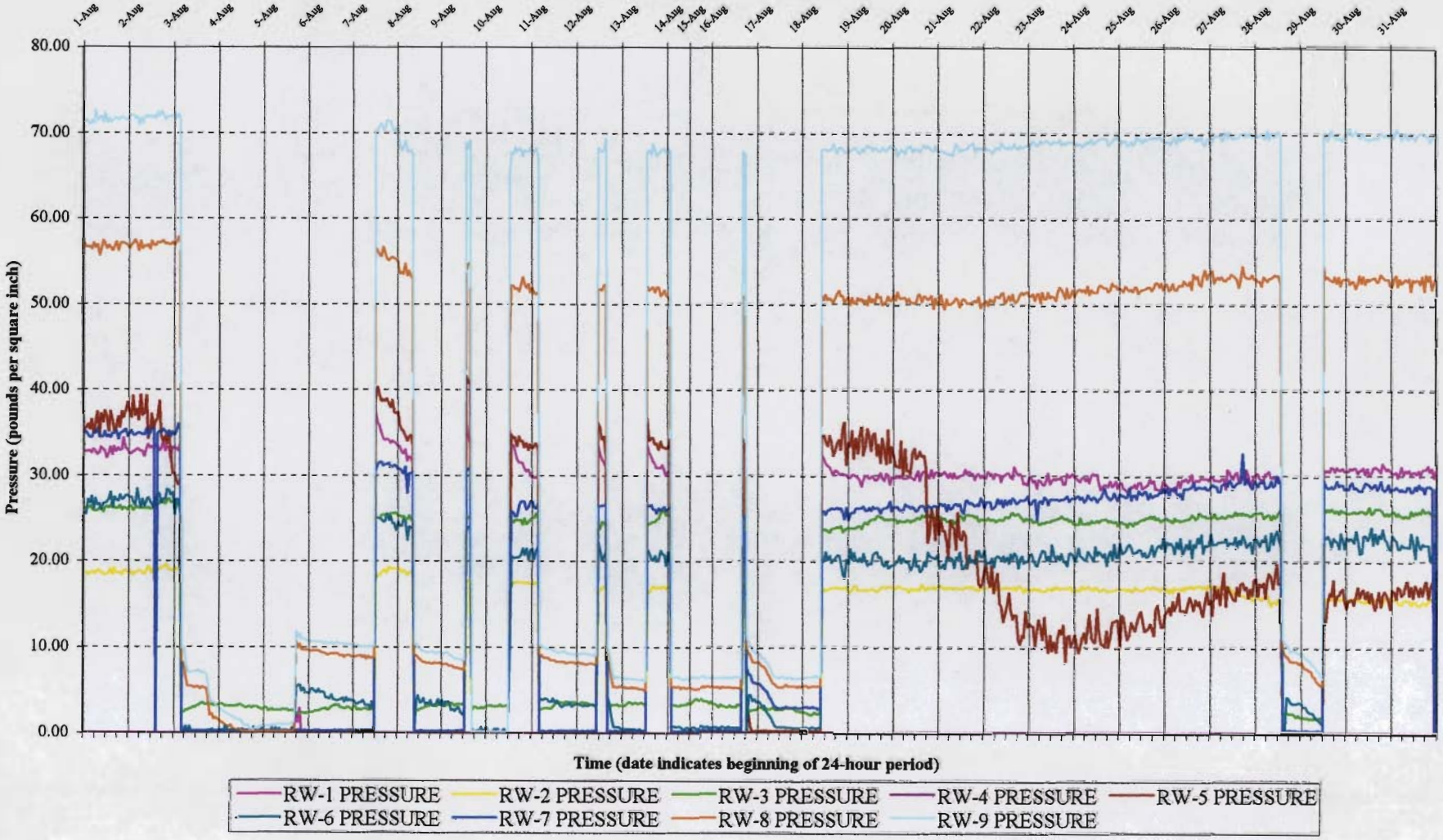
GRAPH 2

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

RECOVERY WELL PRESSURE DATA
(August 1, 2003 through August 31, 2003)

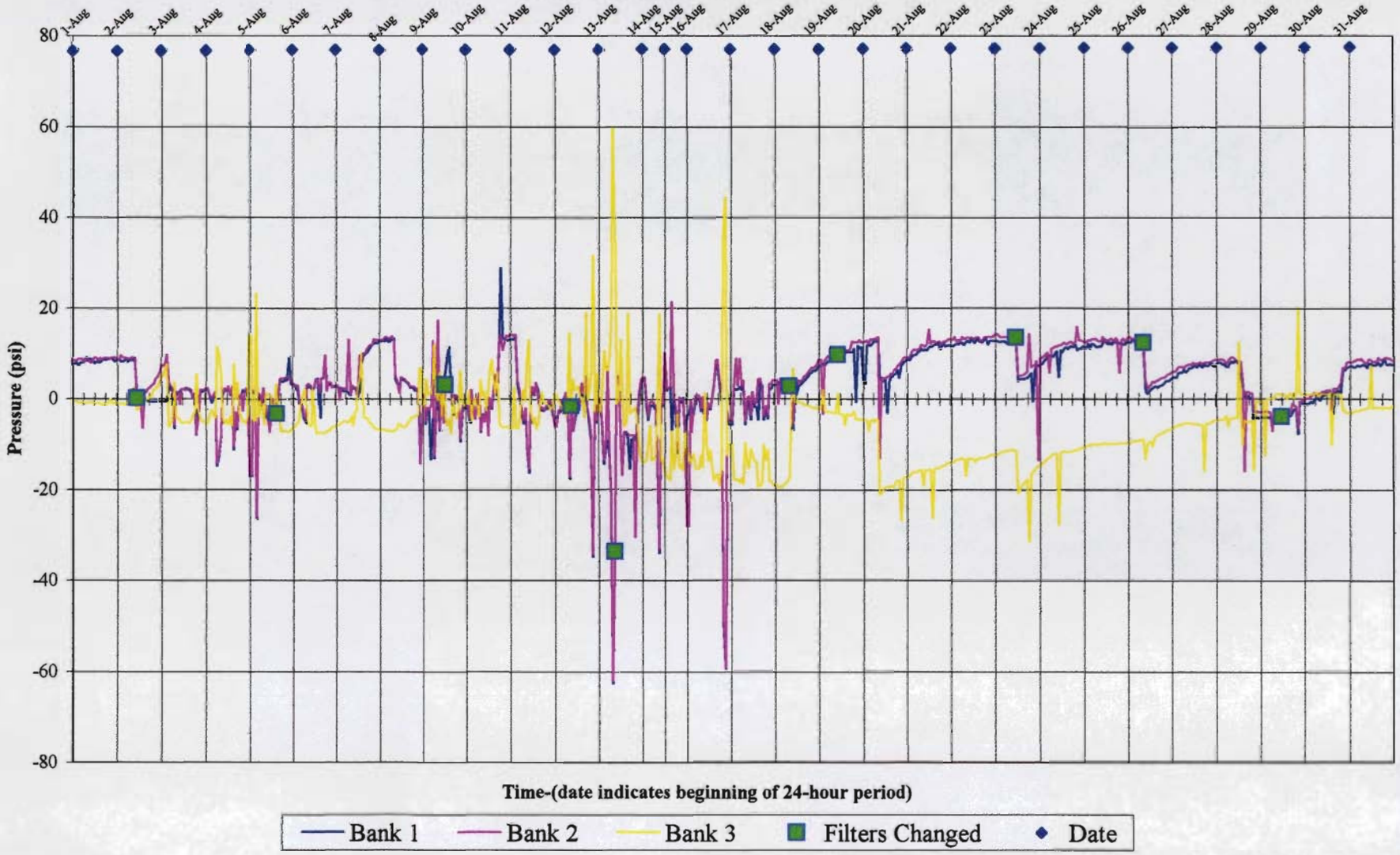


LBG ENGINEERING SERVICES, P.C.

GRAPH 3

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

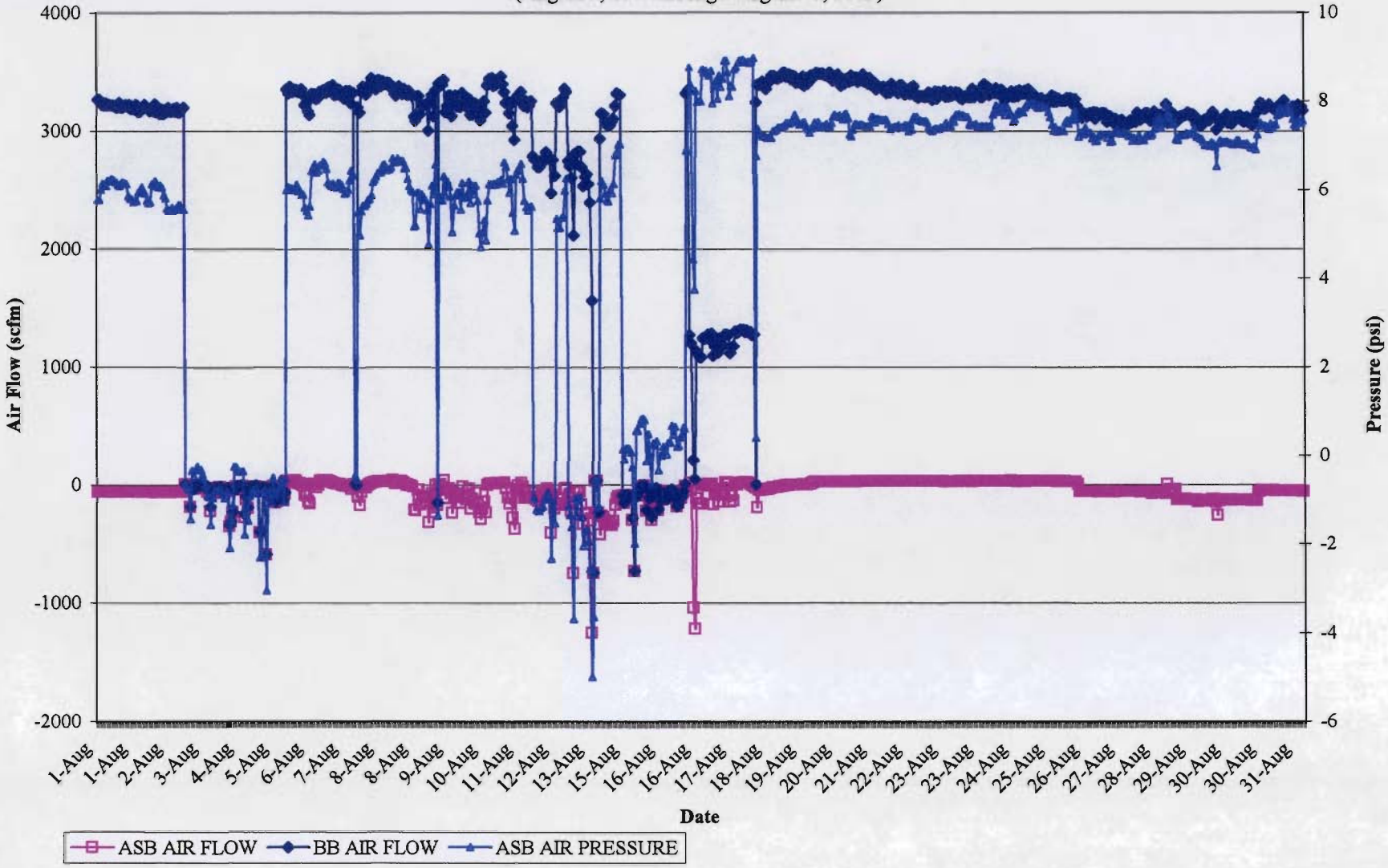
FILTER BANK DIFFERENTIAL PRESSURE
(August 1, 2003 through August 31, 2003)



GRAPH 4

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

AIR STRIPPING TOWER: FLOW AND PRESSURE
(August 1, 2003 through August 31, 2003)



S:\Tech\Jobfiles\M-N\Nabisom\Monthly Reports GWRS\August 2003\Air Stripper Log Summary Aug ASB Press and Flow, 11/4/2003

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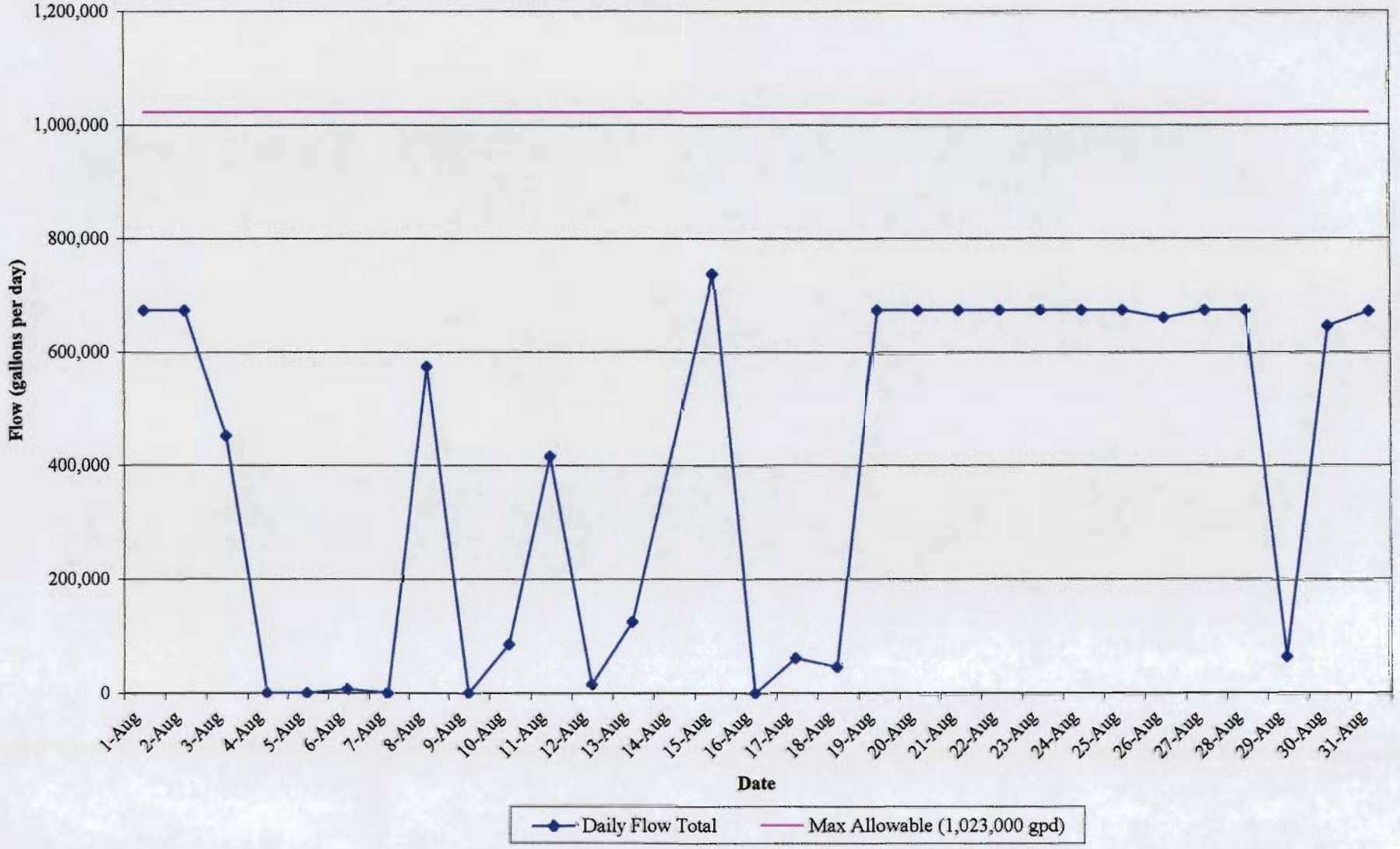
GRAPH 5
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

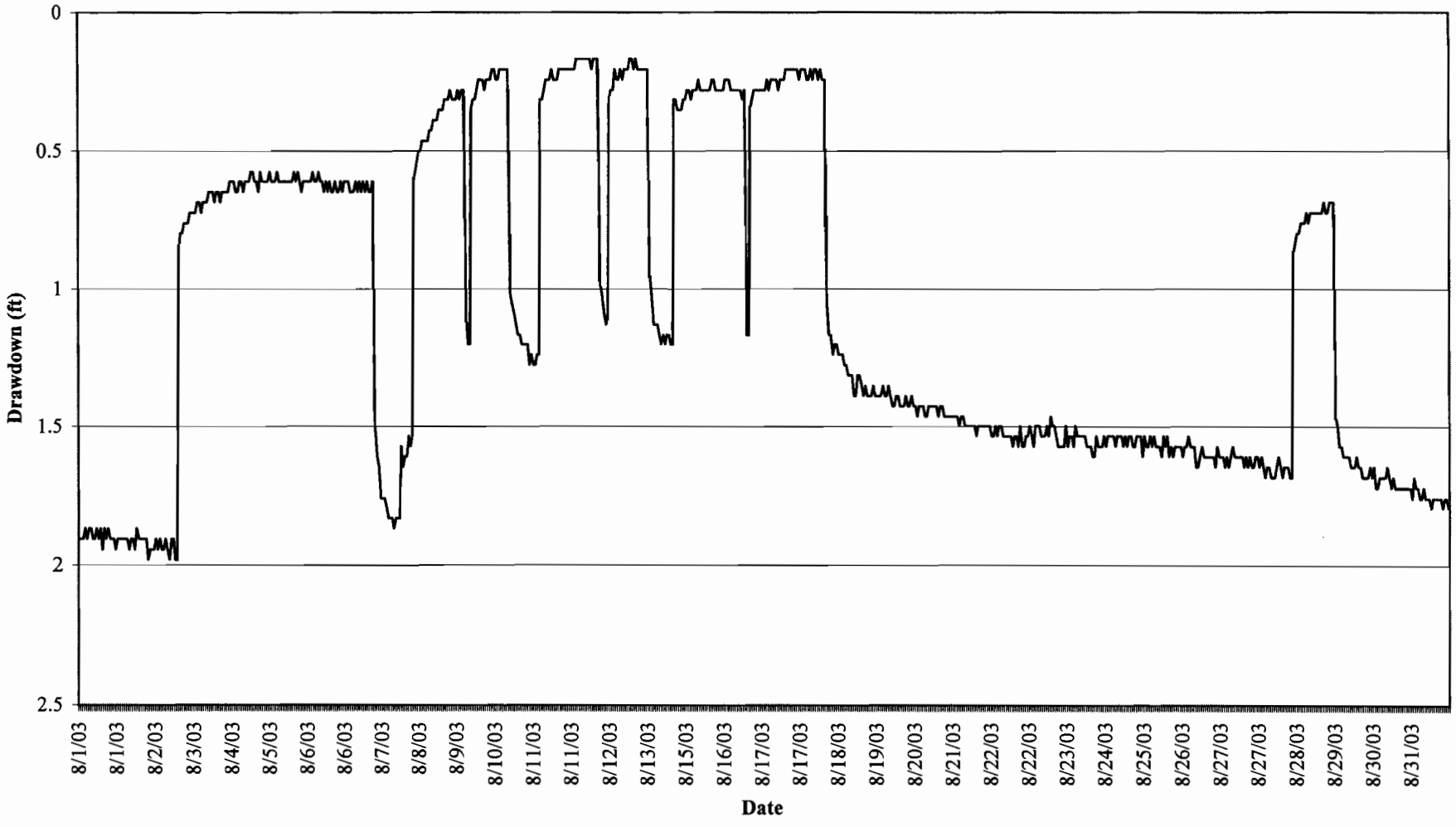
EFFLUENT FLOW DATA
(August 1, 2003 through August 31, 2003)



LBG ENGINEERING SERVICES, P.C.

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

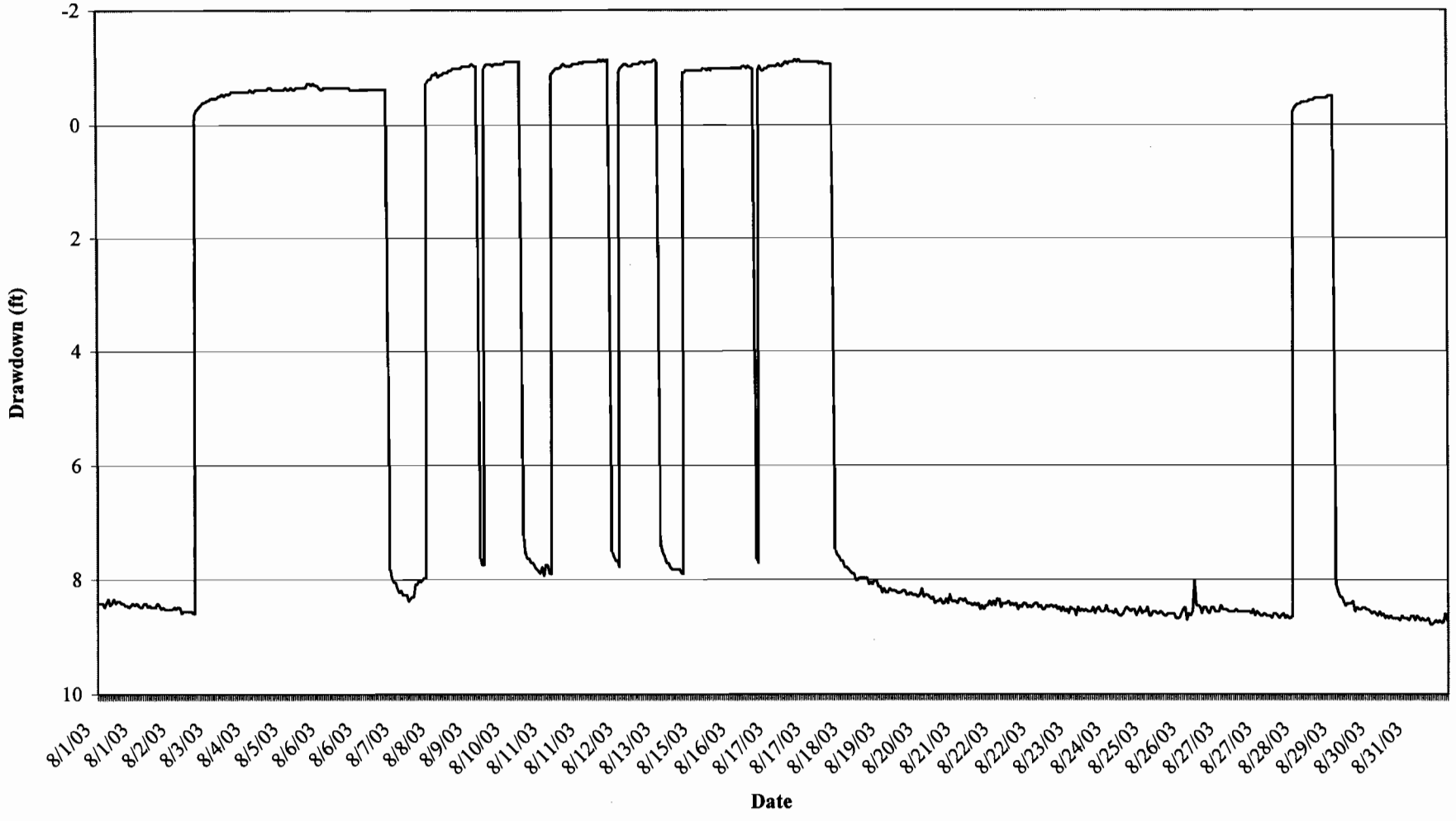
RW-1 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



GRAPH 7

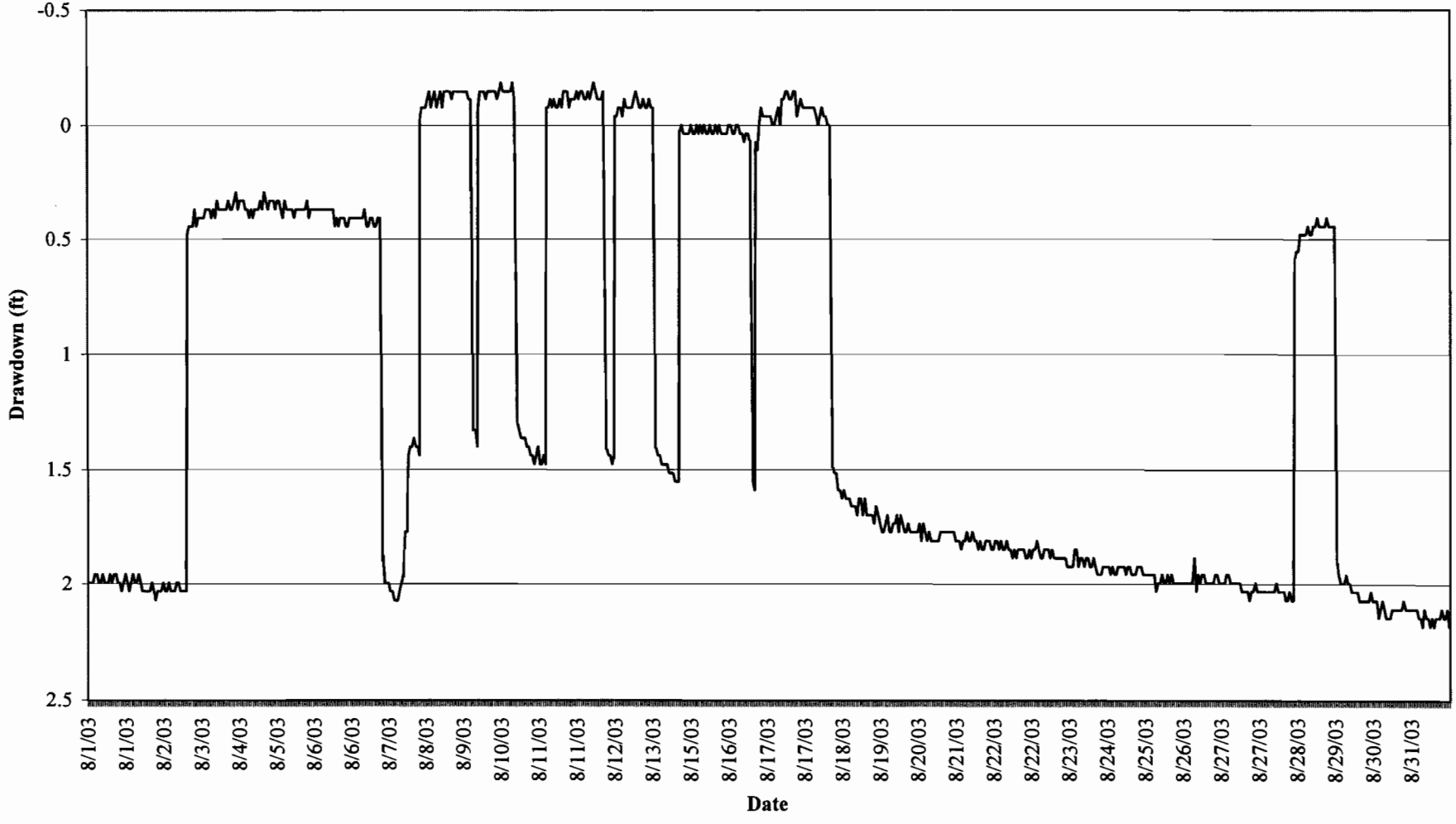
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-2 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



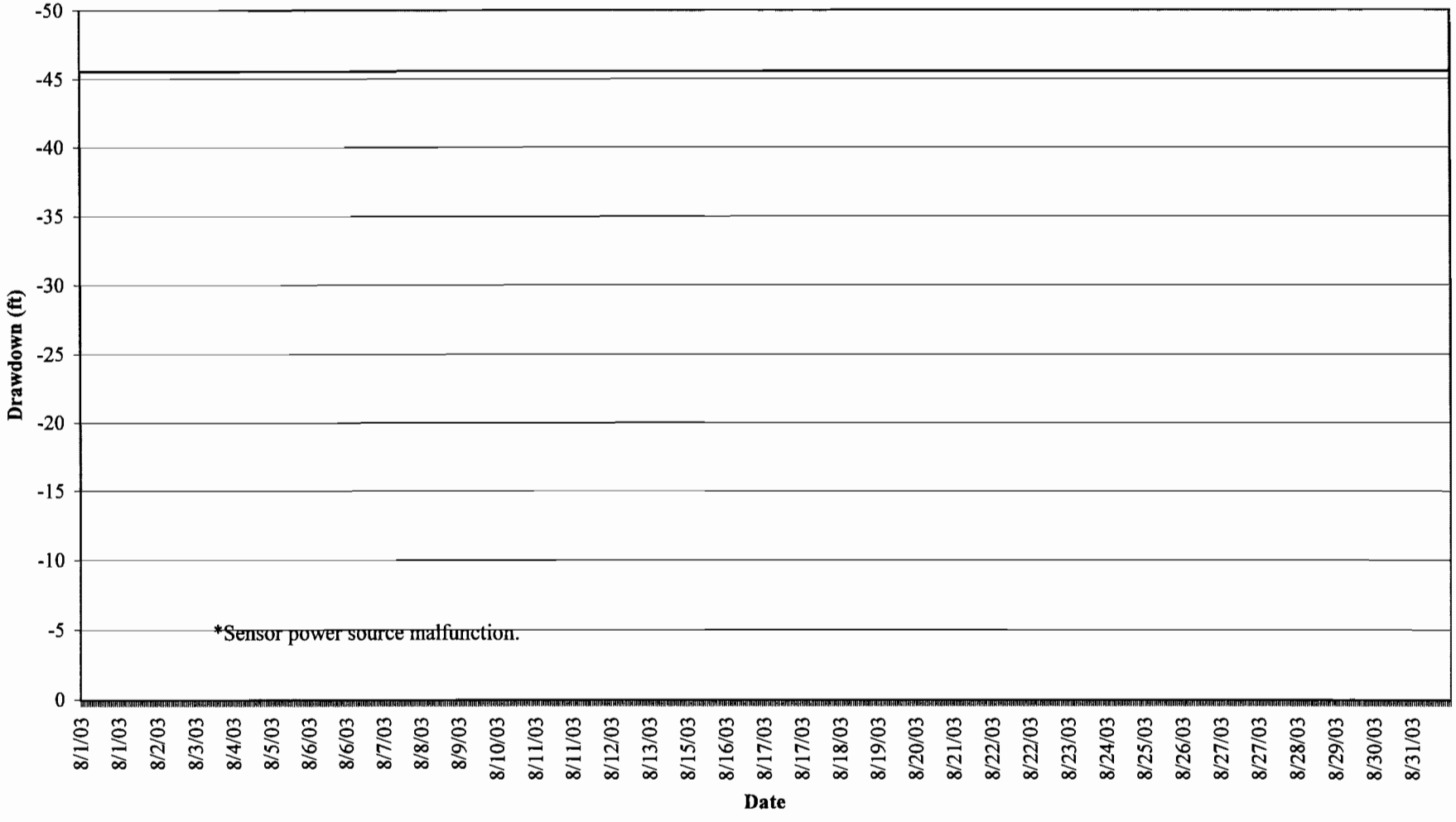
GRAPH 8
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-3 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



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

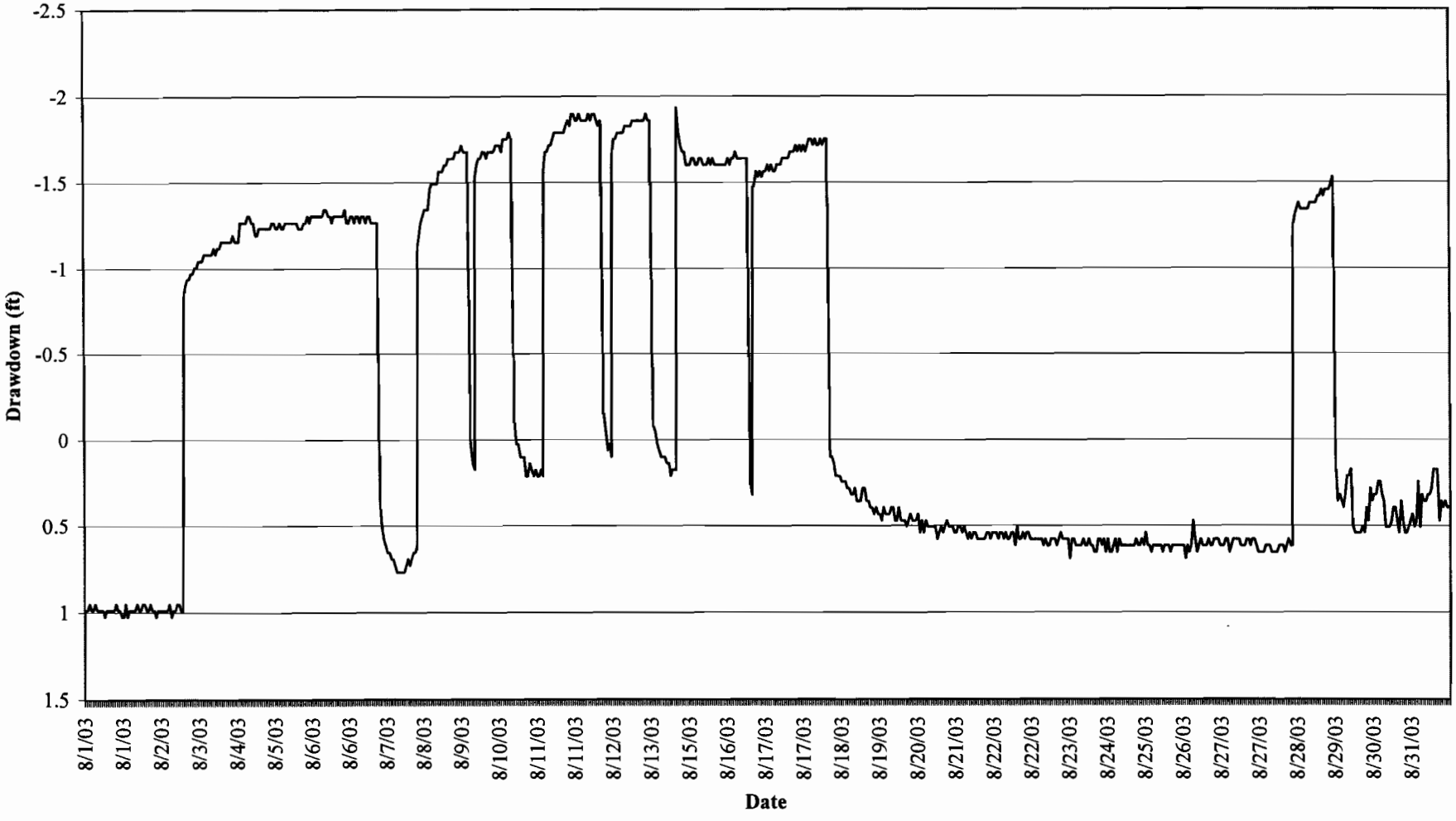
RW-4 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



GRAPH 10

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

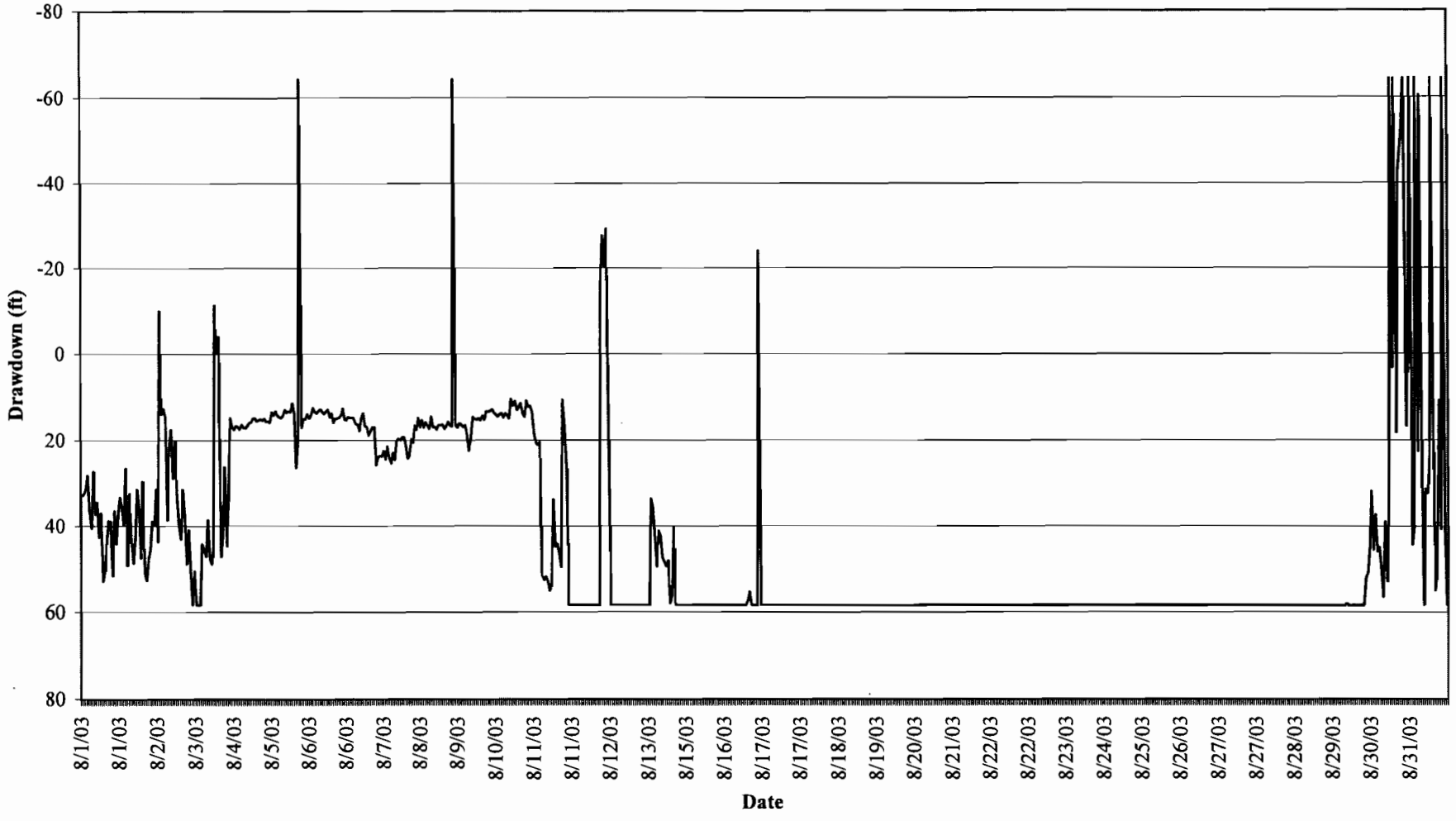
RW-5 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



GRAPH 11

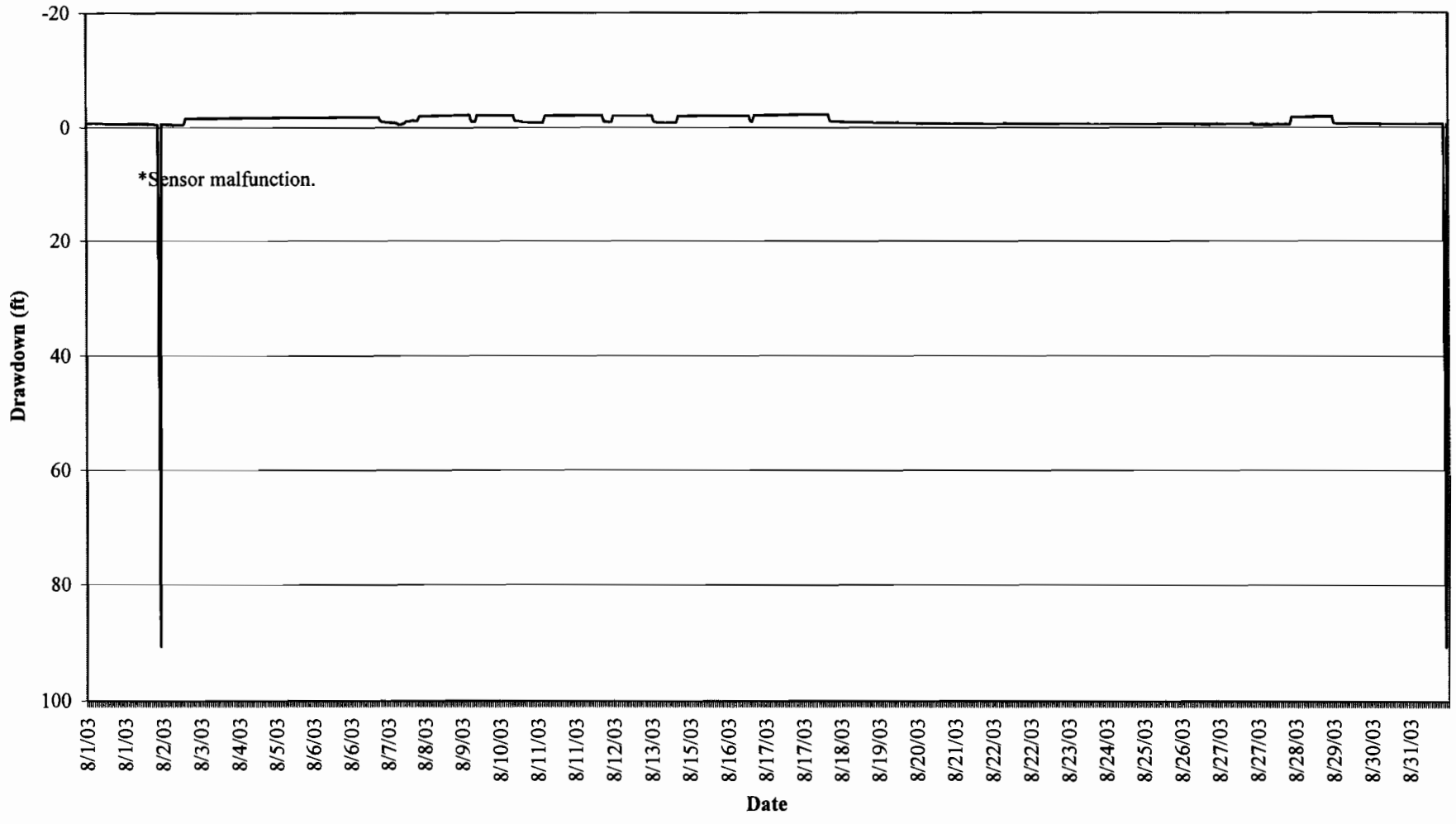
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-6 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



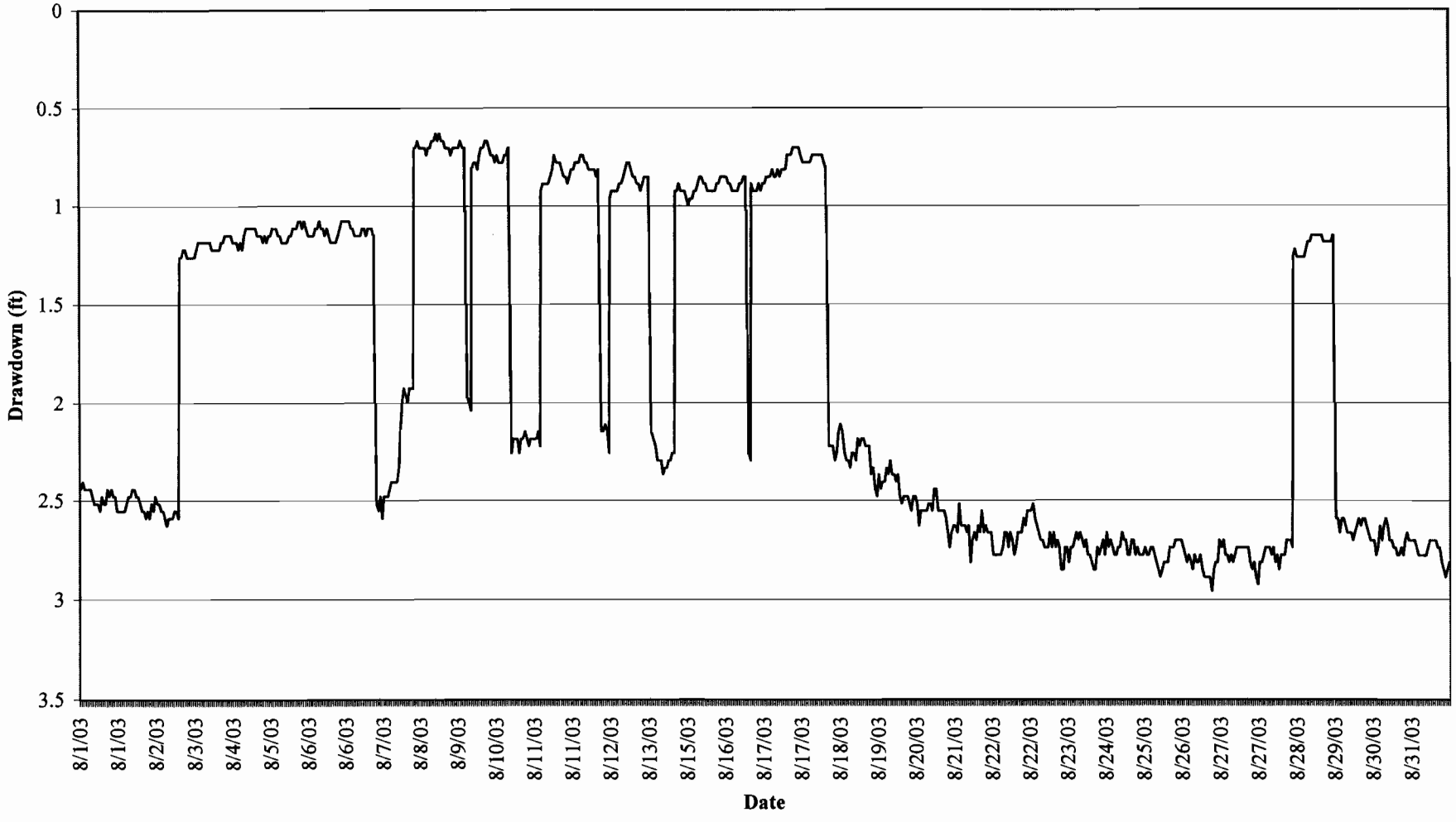
GRAPH 12
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-7 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



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

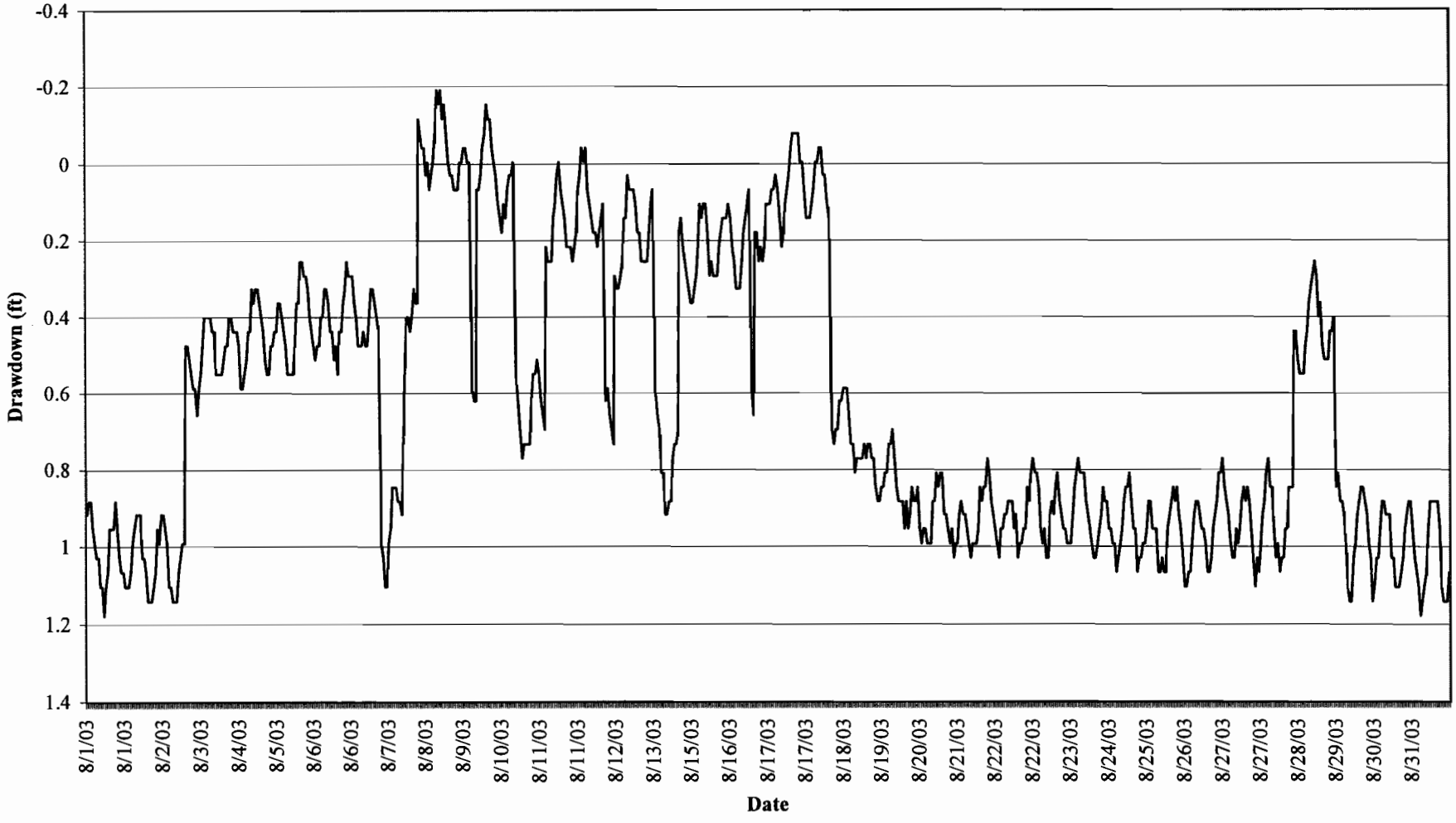
RW-8 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



GRAPH 14

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

RW-9 GROUND-WATER DRAWDOWN
(August 1, 2003 through August 31, 2003)



APPENDIX I

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: 8/4/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4	RW5	RW6	RW7	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Speed	rpm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Discharge Pressure	psi	0.10	0.10	3.06	0.00	0.18	0.33	0.18	0.90	1.94
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	0.65	-0.58	0.29	-45.58	-1.20	14.88	-1.69	1.15	0.44

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	Off	Off	Off
Run Time	hours	2411	2123	2655	1505
Motor Speed	rpm	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00
Flow	gpm	0.00		0.00	
Discharge Pressure	psi				
Equalization Tank Level	inches	55.11			
Transfer Tank Level	inches			50.42	
Transfer Tank pH				4.93	
Transfer Tank Conductivity	uS			-30666.42	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	2.71	-0.42	12.04
Outlet Pressure	psi	17.47	13.78	0.65
Differential Pressure	psi	-14.76	-14.20	11.39

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	-348.24	-336.95
Discharge Pressure	in WC	-2.09	-7.92
Motor Current	amps	0.00	0.00
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	6.40	0.00
Basin Level	inches	-0.61	-0.37
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	0.65	

Notes:
System down when data log generated.

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

WEEKLY OPERATIONS REPORT

Report Generated Sunday - Date: 8/11/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4	RW5	RW6	RW7	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Speed	rpm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Discharge Pressure	psi	0.10	0.10	2.89	0.00	0.10	3.86	0.26	8.82	9.87
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	0.28	-0.95	-0.11	-45.58	-1.67	51.81	-2.03	0.89	0.25

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	Off	Off	Off
Run Time	hours	2451	2123	2693	1505
Motor Speed	rpm	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00
Flow	gpm	0.00		0.00	
Discharge Pressure	psi				
Equalization Tank Level	inches	29.48			
Transfer Tank Level	inches			41.51	
Transfer Tank pH				5.56	
Transfer Tank Conductivity	uS			-11667.08	

Mukti - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	11.42	11.89	12.37
Outlet Pressure	psi	14.61	14.24	12.81
Differential Pressure	psi	-3.19	-2.35	-0.45

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	-101.60	3246.15
Discharge Pressure	in WC	6.25	20.95
Motor Current	amps	7.96	22.63
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	6.53	0.00
Basin Level	inches	-0.21	-0.19
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	1.88	

Note:
System down when data log was generated.

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

WEEKLY OPERATIONS REPORT

Report Generated Sunday - Date: 8/18/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4	RW5	RW6	RW7	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Speed	rpm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Discharge Pressure	psi	0.10	0.10	2.33	0.00	0.18	0.49	2.82	5.30	6.26
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	0.24	-1.06	-0.04	-45.58	-1.75	58.37	-2.28	0.74	0.07

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	Off	Off	Off
Run Time	hours	2485	2123	2727	1505
Motor Speed	rpm	0.00	0.00	0.00	0.00
Percent Speed	%	0.00	0.00	0.00	0.00
Motor Current	amps	0.00	0.00	0.00	0.00
Flow	gpm	0.00		0.00	
Discharge Pressure	psi				
Equalization Tank Level	inches	53.56			
Transfer Tank Level	inches			37.51	
Transfer Tank pH				5.87	
Transfer Tank Conductivity	uS			-2500.92	

Mukti - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	17.09	17.73	-0.01
Outlet Pressure	psi	14.60	14.04	18.45
Differential Pressure	psi	2.49	3.69	-18.46

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	9.90	1299.63
Discharge Pressure	in WC	8.87	10.38
Motor Current	amps	7.00	0.00
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	6.56	0.00
Basin Level	inches	-0.37	0.27
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	0.42	

Notes:
System down when data log was generated.

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

WEEKLY OPERATIONS REPORT

Report Generated Sunday - Date: 8/25/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 1/	RW5	RW6	RW7	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	24.96	29.97	29.97	1.92	55.08	35.09	69.90	55.52	73.38
Motor Speed	rpm	1740.00	1624.00	1624.00	1305.00	1508.00	1624.00	1450.00	1740.00	1740.00
Percent Speed	%	99.96	93.30	93.30	74.97	86.63	93.30	83.30	99.96	99.96
Motor Current	amps	1.70	2.50	1.70	2.30	2.70	2.90	5.70	5.90	8.80
Discharge Pressure	psi	28.77	16.51	24.37	0.00	12.83	21.48	27.09	51.77	68.98
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	1.53	8.56	1.96	-45.58	0.58	58.37	-0.55	2.78	0.99

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	2288	2727	1669
Motor Speed	rpm	0.00	1537.00	0.00	1102.00
Percent Speed	%	0.00	88.30	0.00	63.31
Motor Current	amps	0.00	17.30	0.00	15.50
Flow	gpm	422.65		401.88	
Discharge Pressure	psi				
Equalization Tank Level	inches	54.11			
Transfer Tank Level	inches			41.49	
Transfer Tank pH				5.92	
Transfer Tank Conductivity	uS			-1056.94	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	27.92	28.58	-0.01
Outlet Pressure	psi	15.71	15.65	9.99
Differential Pressure	psi	12.20	12.93	-10.00

Air Stripper Blowers			
Process Value	Units	AS. Blower 2/	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	30.02	3328.99
Discharge Pressure	in WC	7.95	30.66
Motor Current	amps	8.13	23.50
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	379.36	0.00
Basin Level	inches	13.64	-0.23
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.44	

Notes:

1/ RW-4 flow and drawdown incorrect due to sensor malfunction.

2/ AS. Blower airflow incorrect due to flow meter malfunction.

APPENDIX II

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: Paul Jobmann
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:

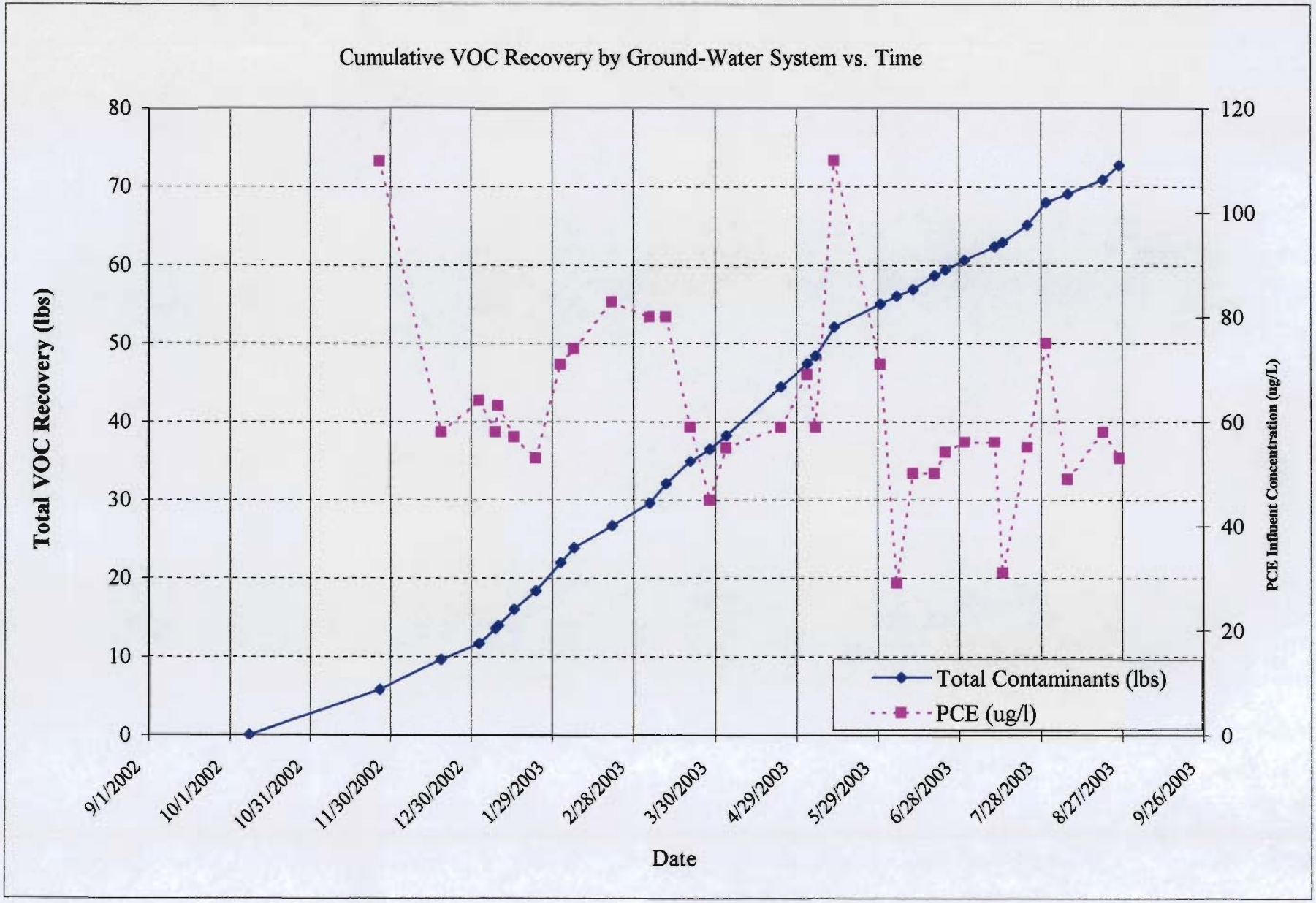
Date	PCE (ug/l)	TCE (ug/l)	TCA (ug/l)	cis-1,2-dichloroethene (ug/l)	Isopropyl benzene (ug/l)	Chloroform (ug/l)	Toluene (ug/l)
11/26/02 - 7/30/03	1,834	52.4	54	1.1	0	1.5	0
8/7/2003	49	0	3.4	0	0	0	0
8/20/2003	58	2.2	2	0	0	0	0
8/26/2003	53	0	2	0	0	0	0

CALCULATION:

Recovery (lbs) = Concentration (ug/l) x Volume Pumped (gal) x 1 lb/453,590,000 ug x 3.785 l/gal

Date	Volume Pumped (gal)	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 - 7/30/03	119,457,900	57.4	1.7	1.5	0.05	0.0	0.04	0.0	68.0	68.0
8/7/03	2,450,100	1.0	0.0	0.1	0.0	0.0	0.0	0.0	1.1	69.1
8/20/03	3,445,300	1.7	0.1	0.1	0.0	0.0	0.0	0.0	1.8	70.8
8/26/03	4,031,700	1.8	0.0	0.1	0.0	0.0	0.0	0.0	1.9	72.7
Totals:	129,385,000	61.8	1.8	1.7	0.05	0.0	0.04	0.0	72.7	72.7

Note: Equalization tank totalizer meter reading recorded on 11/26/02 includes groundwater pumped during the Initial Testing Program.


Cumulative VOC Recovery by Ground-Water System vs. Time
Total VOC Recovery (lbs)
PCE Influent Concentration (ug/L)
Date
Total Contaminants (lbs)
PCE (ug/l)
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100
120
9/1/2002
10/1/2002
10/31/2002
11/30/2002
12/30/2002
1/29/2003
2/28/2003
3/30/2003
4/29/2003
5/29/2003
6/28/2003
7/28/2003
8/27/2003
9/26/2003

APPENDIX III

AUGUST 2003 LABORATORY ANALYTICAL REPORTS

American Analytical Laboratories, Inc.

Date: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1333NP2-6
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1,1-Trichloroethane	3.4	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
2-Butanone	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
2-Hexanone	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Acetone	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Benzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Bromobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Bromochloromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Bromodichloromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Bromoform	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Bromomethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Carbon disulfide	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Chlorobenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Chloroethane	U	1.0		µg/L	1	8/20/2003 10:11:00 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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1333NP2-6
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: LDS
Chloroform	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Chloromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Dibromochloromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Dibromomethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Ethylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Isopropylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
m,p-Xylene	U	2.0		µg/L	1	8/20/2003 10:11:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Methylene chloride	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Naphthalene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
n-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
n-Propylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
o-Xylene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Styrene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Tetrachloroethene	49	1.0		µg/L	1	8/20/2003 10:11:00 PM
Toluene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Trichloroethene	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Vinyl acetate	U	1.0		µg/L	1	8/20/2003 10:11:00 PM
Vinyl chloride	U	1.0		µg/L	1	8/20/2003 10:11:00 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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1333NP2-6
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	8.64	0.0200		mg/L	1	8/26/2003 9:26:19 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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1333NP2-6
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-01C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		**E200.7**		**(SW3005A)**		Analyst: JP
Iron	0.232	0.0200		mg/L	1	8/26/2003 9:24:03 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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1340NP2-7
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
2-Butanone	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
2-Hexanone	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Acetone	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Benzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Bromobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Bromochloromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Bromodichloromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Bromoform	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Bromomethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Carbon disulfide	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Chlorobenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Chloroethane	U	1.0		µg/L	1	8/20/2003 10:49:00 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

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1340NP2-7
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Chloromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Dibromochloromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Dibromomethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Ethylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Isopropylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
m,p-Xylene	U	2.0		µg/L	1	8/20/2003 10:49:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Methylene chloride	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Naphthalene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
n-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
n-Propylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
o-Xylene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Styrene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Tetrachloroethene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Toluene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Trichloroethene	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Vinyl acetate	U	1.0		µg/L	1	8/20/2003 10:49:00 PM
Vinyl chloride	U	1.0		µg/L	1	8/20/2003 10:49:00 PM

American Analytical Laboratories, Inc.

Date: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1340NP2-7
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	24.4	0.0200		mg/L	1	8/26/2003 9:48:47 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

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1340NP2-7
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-02C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		**E200.7**		**(SW3005A)**		Analyst: **JP**
Iron	1.71	0.0200		mg/L	1	8/26/2003 9:28:31 AM
TOTAL DISSOLVED SOLIDS		**E160.1**				Analyst: **BK**
Total Dissolved Solids (Residue, Filterable)	91	1.0	H	mg/L	1	8/21/2003

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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1323NP2-10
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
2-Butanone	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
2-Hexanone	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Acetone	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Benzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Bromobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Bromochloromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Bromodichloromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Bromoform	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Bromomethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Carbon disulfide	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Chlorobenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Chloroethane	U	1.0		µg/L	1	8/20/2003 11:27:00 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

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1323NP2-10
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Chloromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Dibromochloromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Dibromomethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Ethylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Isopropylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
m,p-Xylene	U	2.0		µg/L	1	8/20/2003 11:27:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Methylene chloride	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Naphthalene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
n-Butylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
n-Propylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
o-Xylene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Styrene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Tetrachloroethene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Toluene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Trichloroethene	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Vinyl acetate	U	1.0		µg/L	1	8/20/2003 11:27:00 PM
Vinyl chloride	U	1.0		µg/L	1	8/20/2003 11:27:00 PM

American Analytical Laboratories, Inc.

Date: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1323NP2-10
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-03B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	18.0	0.0200		mg/L	1	8/26/2003 9:57:19 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: *26-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ080703:1323NP2-10
Lab Order:	0308070	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/7/2003
Lab ID:	0308070-03C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		**E200.7**		**(SW3005A)**		Analyst: **JP**
Iron	0.547	0.0200		mg/L	1	8/26/2003 9:55:08 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
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NY [illegible] 418
AIHA PAT, LPAT 102391
CTDOH PH-0205

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: LBG, 126 Monroe Turnpike, Trumbull, CT 06611
CONTACT: Paul Johnson
SAMPLER (SIGNATURE)
DATE
TIME
SAMPLER NAME (PRINT): Megan Dunsmore
SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO
PROJECT LOCATION: Rowe Industries

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	ANALYSIS REQUIRED: 8260+MTBE	+freon 113	Total Iron	Dissolved Iron	TDS	P.O.#
0308070-01A 01B 01C				WQ080703:1333 NP2-6	X	X	X	X		One vial rec'd broken (KW)
0308070-02A 02B 02C				WQ080703:1340 NP2-7	X	X	X	X		
0308070-03A 03B 03C				WQ080703:1323 NP2-10	X	X	X	X	X	One vial rec'd broken (KW)

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 ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	8/19/03 14:53	Paul Johnson		08-20-03 10:14	J. GRAY
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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

American Analytical Laboratories, Inc.

Date: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003:1150 NP2-6
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1,1-Trichloroethane	2.0	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
2-Butanone	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
2-Hexanone	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Acetone	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Benzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Bromobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Bromochloromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Bromodichloromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Bromoform	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Bromomethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Carbon disulfide	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Chlorobenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Chloroethane	U	1.0		µg/L	1	8/26/2003 7:32:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003:1150 NP2-6
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Chloromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Dibromochloromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Dibromomethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Ethylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Isopropylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
m,p-Xylene	U	2.0		µg/L	1	8/26/2003 7:32:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Methylene chloride	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Naphthalene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
n-Butylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
n-Propylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
o-Xylene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Styrene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Tetrachloroethene	53	1.0		µg/L	1	8/26/2003 7:32:00 AM
Toluene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Trichloroethene	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Vinyl acetate	U	1.0		µg/L	1	8/26/2003 7:32:00 AM
Vinyl chloride	U	1.0		µg/L	1	8/26/2003 7:32:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003:1150 NP2-6
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	1.58	0.0200		mg/L	1	8/26/2003 10:13:31 AM

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

American Analytical Laboratories, Inc.

Date: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003:1150 NP2-6
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-01C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		**E200.7**		**(SW3005A)**		Analyst: **JP**
Iron	0.0840	0.0200		mg/L	1	8/26/2003 10:11:15 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1155 NP2-7
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
2-Butanone	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
2-Hexanone	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Acetone	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Benzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Bromobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Bromochloromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Bromodichloromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Bromoform	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Bromomethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Carbon disulfide	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Chlorobenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Chloroethane	U	1.0		µg/L	1	8/26/2003 8:11:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1155 NP2-7
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Chloromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Dibromochloromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Dibromomethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Ethylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Isopropylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
m,p-Xylene	U	2.0		µg/L	1	8/26/2003 8:11:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Methylene chloride	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Naphthalene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
n-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
n-Propylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
o-Xylene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Styrene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Tetrachloroethene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Toluene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Trichloroethene	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Vinyl acetate	U	1.0		µg/L	1	8/26/2003 8:11:00 AM
Vinyl chloride	U	1.0		µg/L	1	8/26/2003 8:11:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1155 NP2-7
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	0.437	0.0200		mg/L	1	8/26/2003 10:15:57 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1155 NP2-7
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-02C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		**E200.7**		**(SW3005A)**		Analyst: **JP**
Iron	0.0460	0.0200		mg/L	1	8/26/2003 10:18:34 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1159 NP2-10
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
2-Butanone	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
2-Hexanone	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Acetone	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Benzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Bromobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Bromochloromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Bromodichloromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Bromoform	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Bromomethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Carbon disulfide	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Chlorobenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Chloroethane	U	1.0		µg/L	1	8/26/2003 8:49:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1159 NP2-10
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Chloromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Dibromochloromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Dibromomethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Ethylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Isopropylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
m,p-Xylene	U	2.0		µg/L	1	8/26/2003 8:49:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Methylene chloride	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Naphthalene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
n-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
n-Propylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
o-Xylene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Styrene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Tetrachloroethene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Toluene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Trichloroethene	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Vinyl acetate	U	1.0		µg/L	1	8/26/2003 8:49:00 AM
Vinyl chloride	U	1.0		µg/L	1	8/26/2003 8:49:00 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1159 NP2-10
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-03B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	0.871	0.0200		mg/L	1	8/26/2003 10:24:08 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: *27-Aug-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ082003: 1159 NP2-10
Lab Order:	0308076	**Tag Number:**	
Project:		**Collection Date:**	8/20/2003
Lab ID:	0308076-03C	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		**E160.1**				Analyst: **BK**
Total Dissolved Solids (Residue, Filterable)	70	1.0		mg/L	1	8/25/2003

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

AMERICAN ANALYTICAL LABORATORIES, INC.
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NY[illegible]H [illegible]P 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
LBG
126 Monroe Turnpike
Trumbull, CT 06611

CONTACT: Paul Jobmann

SAMPLER (SIGNATURE) [signature] DATE 8/30/03 TIME 11:50

SAMPLER NAME (PRINT) Paul Jobmann

SAMPLE(S) SEALED YES / NO

CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION: Rowe Industries

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	ANALYSIS REQUIRED: 8260 + MTBE	freon 113	Total Iron	Dissolved Iron	TDS	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0308076-01	A,B,C			WQ082003: 1150 NP2-6	X	X	X	X		
0308076-02	A,B,C			WQ082003: 1155 NP2-7	X	X	X	X		
0308076-03	A,B,C			WQ082003: 1159 NP2-10	X	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 ☒ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	8/2/03 16:40	Paul Jobmann	[signature]	8/4/03 10:30	[signature]
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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

American Analytical Laboratories, Inc.

Date: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031030 NP2-7
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
2-Butanone	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
2-Hexanone	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Acetone	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Benzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Bromobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Bromoform	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Bromomethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Chloroethane	U	1.0		µg/L	1	9/5/2003 6:19:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031030 NP2-7
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Chloromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Dibromomethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/5/2003 6:19:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Methylene chloride	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Naphthalene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
o-Xylene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Styrene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Toluene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Trichloroethene	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/5/2003 6:19:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/5/2003 6:19:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031030 NP2-7
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	1.87	0.0200		mg/L	1	8/29/2003 11:23:10 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031025 NP-6
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1,1-Trichloroethane	2.0	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
2-Butanone	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
2-Hexanone	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Acetone	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Benzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Bromobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Bromoform	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Bromomethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Chloroethane	U	1.0		µg/L	1	9/5/2003 6:57:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031025 NP-6
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Chloromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Dibromomethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/5/2003 6:57:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Methylene chloride	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Naphthalene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
o-Xylene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Styrene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Tetrachloroethene	58	1.0		µg/L	1	9/5/2003 6:57:00 PM
Toluene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Trichloroethene	2.2	1.0		µg/L	1	9/5/2003 6:57:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/5/2003 6:57:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/5/2003 6:57:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031025 NP-6
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	2.01	0.0200		mg/L	1	8/29/2003 11:25:56 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: *08-Sep-03*

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0308107
Project: Rowe Industries
Lab ID: 0308107-03A

Client Sample ID: WQ0826031023 NP-10
Tag Number:
Collection Date: 8/26/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1,2-Trichloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1-Dichloroethene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,1-Dichloropropene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2,3-Trichloropropane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2-Dibromoethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2-Dichloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,3-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,3-dichloropropane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
1,4-Dichlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
2,2-Dichloropropane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
2-Butanone	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
2-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
2-Hexanone	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
4-Chlorotoluene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
4-Isopropyltoluene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
4-Methyl-2-pentanone	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Acetone	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Benzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Bromobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Bromochloromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Bromodichloromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Bromoform	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Bromomethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Carbon disulfide	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Chlorobenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Chloroethane	U	1.0		µg/L	1	9/5/2003 7:37:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031023 NP-10
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		**SW8260B**				Analyst: **LDS**
Chloroform	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Chloromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Dibromochloromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Dibromomethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Dichlorodifluoromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Ethylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Hexachlorobutadiene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Isopropylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
m,p-Xylene	U	2.0		µg/L	1	9/5/2003 7:37:00 PM
Methyl tert-butyl ether	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Methylene chloride	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Naphthalene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
n-Butylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
n-Propylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
o-Xylene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
sec-Butylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Styrene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
tert-Butylbenzene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Tetrachloroethene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Toluene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Trichloroethene	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Trichlorofluoromethane	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Vinyl acetate	U	1.0		µg/L	1	9/5/2003 7:37:00 PM
Vinyl chloride	U	1.0		µg/L	1	9/5/2003 7:37:00 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: *08-Sep-03*

CLIENT:	Legette Brashears & Graham Inc.	**Client Sample ID:**	WQ0826031023 NP-10
Lab Order:	0308107	**Tag Number:**	
Project:	Rowe Industries	**Collection Date:**	8/26/2003
Lab ID:	0308107-03B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		**E200.7**		**(SW3010A)**		Analyst: **JP**
Iron	3.73	0.0200		mg/L	1	8/29/2003 11:27:54 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
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027 • email: AAL20000@aol.com

NYS ELAP 10418
AIHA PAT, LPAT 102391
CTDOH PH-0205

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: LBG

CONTACT: Paul Jobmann

SAMPLER (SIGNATURE): Peter Heidl

DATE: 08-26-03

TIME:

SAMPLER NAME (PRINT): Peter Heidl

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Rowe Ind.

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	ANALYSIS REQUIRED: 8260	MTBE	Freon 113	Total Iron	P.O.#
0308107-01A B	L	G		WQ082603 1030 NP2-7	X	X	X	X	
-02A B	L	G		WQ082603 1025 NP2-6	X	X	X	X	
-03A B	L	G		WQ082603 1023 NP2-10	X	X	X	X	

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 ☑ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Peter Heidl	08-26-03 9:30	Peter Heidl	Karen Kelly	8/29/03 10:45	KAREN KELLY

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

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 Qualifers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	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.
J	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	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	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".
N	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.

Form 1

STL Connecticut		Client Sample ID	**NP4-1**
Method: T017		Lab Sample ID	204525-1
Sample Volume (L)	0.100	Date Sampled	8/20/2003
Temp (C)	25	Date Analyzed	8/27/2003

Compound	nL/L (ppbv/v)	Qualifier	RL	mg/M3	Qualifier	RL
Chloromethane	24.2	J	96.8	0.050	J	0.200
Vinyl Chloride	78.3	U	78.3	0.200	U	0.200
Bromomethane	59.2	B	51.5	0.230	B	0.200
Chloroethane	75.8	U	75.8	0.200	U	0.200
1,1-Dichloroethene	25.2	U	25.2	0.100	U	0.100
Carbon Disulfide	83.5		32.1	0.260		0.100
Methylene Chloride	74.9	B	28.8	0.260	B	0.100
trans-1,2-Dichloroethene	25.5	U	25.5	0.100	U	0.100
1,1-Dichloroethane	24.7	U	24.7	0.100	U	0.100
cis-1,2-Dichloroethene	25.5	U	25.5	0.100	U	0.100
Chloroform	20.5	U	20.5	0.100	U	0.100
1,1,1-Trichloroethane	18.4	U	18.4	0.100	U	0.100
Carbon Tetrachloride	15.9	U	15.9	0.100	U	0.100
Benzene	6.3	J	31.3	0.020	J	0.100
1,2-Dichloroethane	24.7	U	24.7	0.100	U	0.100
Trichloroethene	9.3	J	18.7	0.050	J	0.100
1,2-Dichloropropane	21.6	U	21.6	0.100	U	0.100
Bromodichloromethane	14.9	U	14.9	0.100	U	0.100
cis-1,3-Dichloropropene	22.0	U	22.0	0.100	U	0.100
Toluene	13.3	J	26.6	0.050	J	0.100
trans-1,3-Dichloropropene	22.0	U	22.0	0.100	U	0.100
1,1,2-Trichloroethane	18.4	U	18.4	0.100	U	0.100
Tetrachloroethene	162.0		14.7	1.100		0.100
Dibromochloromethane	11.8	U	11.8	0.100	U	0.100
Chlorobenzene	21.6	U	21.6	0.100	U	0.100
Ethylbenzene	23.1	U	23.1	0.100	U	0.100
m&p-Xylenes	23.1	U	23.1	0.100	U	0.100
o-Xylene	23.1	U	23.1	0.100	U	0.100
Styrene	23.5	U	23.5	0.100	U	0.100
Bromoform	9.7	U	9.7	0.100	U	0.100
1,1,2,2-Tetrachloroethane	14.6	U	14.6	0.100	U	0.100

Form 1

STL Connecticut		Client Sample ID	**NP4-2**
Method: T017		Lab Sample ID	204525-2
Sample Volume (L)	1.000	Date Sampled	8/20/2003
Temp (C)	25	Date Analyzed	8/26/2003

Compound	nL/L (ppbv/v)	Qualifier	RL	mg/M3	Qualifier	RL
Chloromethane	9.7	U	9.7	0.020	U	0.020
Vinyl Chloride	7.8	U	7.8	0.020	U	0.020
Bromomethane	20.1	B	5.1	0.078	B	0.020
Chloroethane	7.6	U	7.6	0.020	U	0.020
1,1-Dichloroethene	1.8	J	2.5	0.007	J	0.010
Carbon Disulfide	41.8		3.2	0.130		0.010
Methylene Chloride	3.7	B	2.9	0.013	B	0.010
trans-1,2-Dichloroethene	2.5	U	2.5	0.010	U	0.010
1,1-Dichloroethane	2.5	U	2.5	0.010	U	0.010
cis-1,2-Dichloroethene	1.0	J	2.5	0.004	J	0.010
Chloroform	1.8	J	2.1	0.009	J	0.010
1,1,1-Trichloroethane	9.0		1.8	0.049		0.010
Carbon Tetrachloride	1.6	U	1.6	0.010	U	0.010
Benzene	3.8		3.1	0.012		0.010
1,2-Dichloroethane	2.5	U	2.5	0.010	U	0.010
Trichloroethene	3.0		1.9	0.016		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	34.5		2.7	0.130		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	3.5		1.5	0.024		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	23.1		2.3	0.100		0.010
m&p-Xylenes	78.4		2.3	0.340		0.010
o-Xylene	32.3		2.3	0.140		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

Form 1

STL Connecticut		Client Sample ID	**NP4-3**
Method: T017		Lab Sample ID	204525-3
Sample Volume (L)	1.000	Date Sampled	8/20/2003
Temp (C)	25	Date Analyzed	8/26/2003

Compound	nL/L (ppbv/v)	Qualifier	RL	mg/M3	Qualifier	RL
Chloromethane	9.7	U	9.7	0.020	U	0.020
Vinyl Chloride	0.8	J	7.8	0.002	J	0.020
Bromomethane	11.1	B	5.1	0.043	B	0.020
Chloroethane	7.6	U	7.6	0.020	U	0.020
1,1-Dichloroethene	2.8		2.5	0.011		0.010
Carbon Disulfide	32.1		3.2	0.100		0.010
Methylene Chloride	3.5	B	2.9	0.012	B	0.010
trans-1,2-Dichloroethene	2.5	U	2.5	0.010	U	0.010
1,1-Dichloroethane	5.4		2.5	0.022		0.010
cis-1,2-Dichloroethene	1.5	J	2.5	0.006	J	0.010
Chloroform	2.1	U	2.1	0.010	U	0.010
1,1,1-Trichloroethane	6.4		1.8	0.035		0.010
Carbon Tetrachloride	1.6	U	1.6	0.010	U	0.010
Benzene	5.3		3.1	0.017		0.010
1,2-Dichloroethane	2.5	U	2.5	0.010	U	0.010
Trichloroethene	0.4	J	1.9	0.002	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	26.6		2.7	0.100		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	1.6		1.5	0.011		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	16.8		2.3	0.073		0.010
m&p-Xylenes	57.7		2.3	0.250		0.010
o-Xylene	23.1		2.3	0.100		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

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%.

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.

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^3)	TCE (mg/m^3)	TCA (mg/m^3)	DCE (mg/m^3)	DCA (mg/m^3)	cis-DCE (mg/m^3)	Vinyl Chloride (mg/m^3)	Toluene (mg/m^3)	Benzene (mg/m^3)	m&p-Xylenes (mg/m^3)
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

Date	o-Xylene (mg/m^3)	Styrene (mg/m^3)	Chloroform (mg/m^3)	Methylene Chloride (mg/m^3)	Chloromethane (mg/m^3)	Carbon Disulfide (mg/m^3)	Bromomethane (mg/m^3)	Chlorobenzene (mg/m^3)	Ethylbenzene (mg/m^3)	Total VOCs (mg/m^3)
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

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

CALCULATION:

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

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

Date	Operating Time * (hours)	Vapor Flow Rate (scfm) **	VOC Vapor Conc. (mg/m^3)	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
				Total	18.764

* : 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.

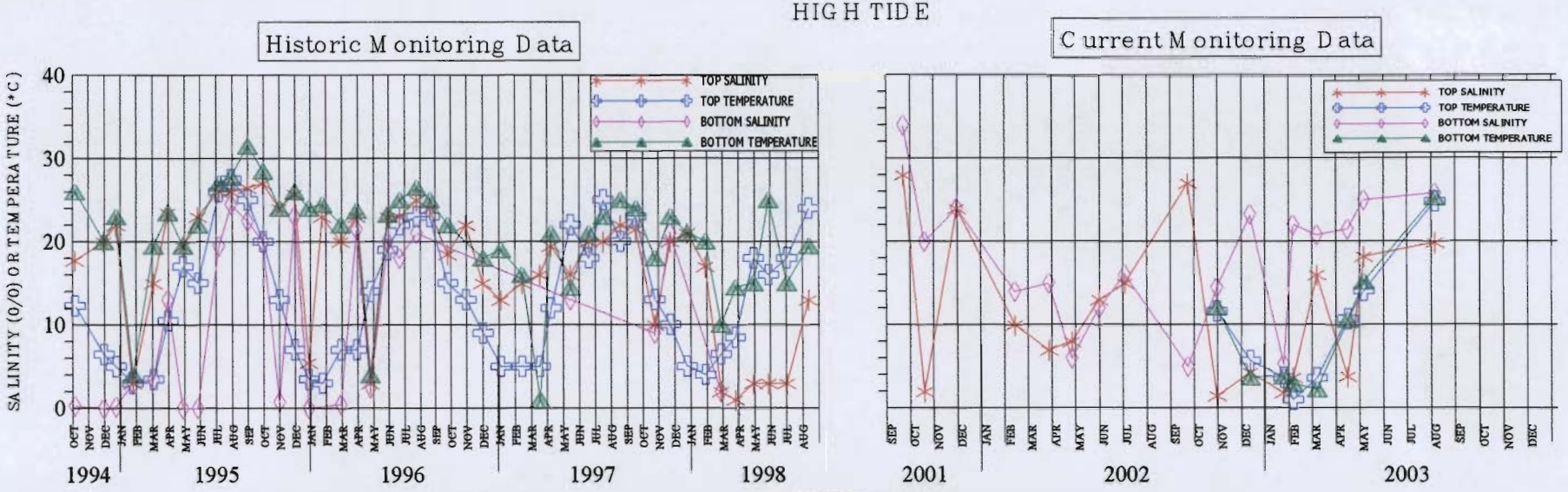
APPENDIX V

TEMPERATURE AND SALINITY GRAPHS

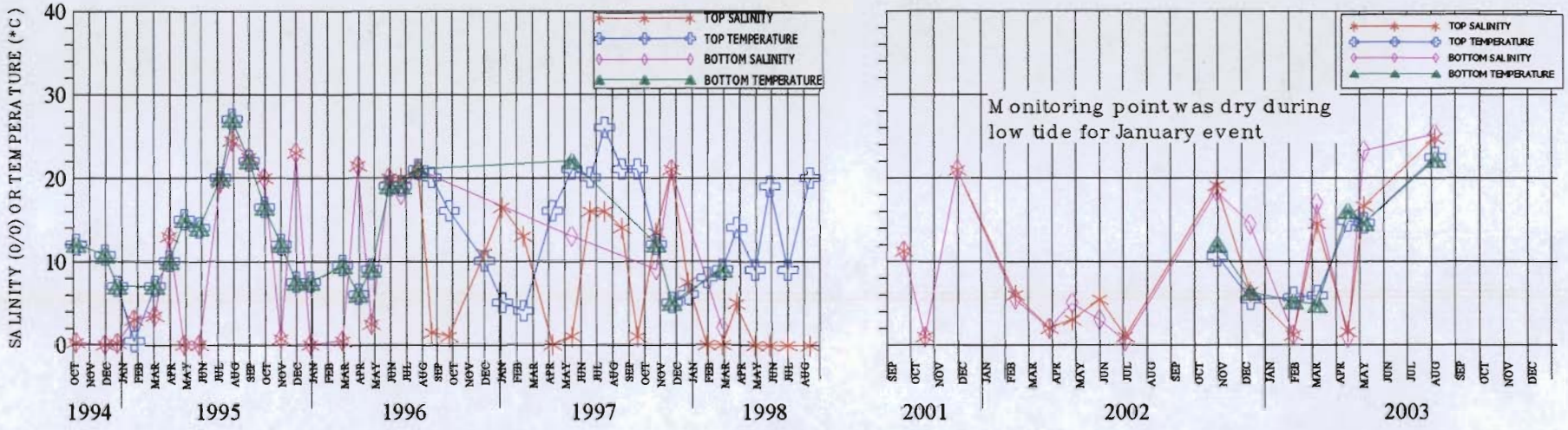
GROUND–WATER REMEDIATION DESIGN
ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

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

HIGH TIDE



LOW TIDE



H:\TECH\NABIS\NABSAG\CURRENT SALINITY\S-1

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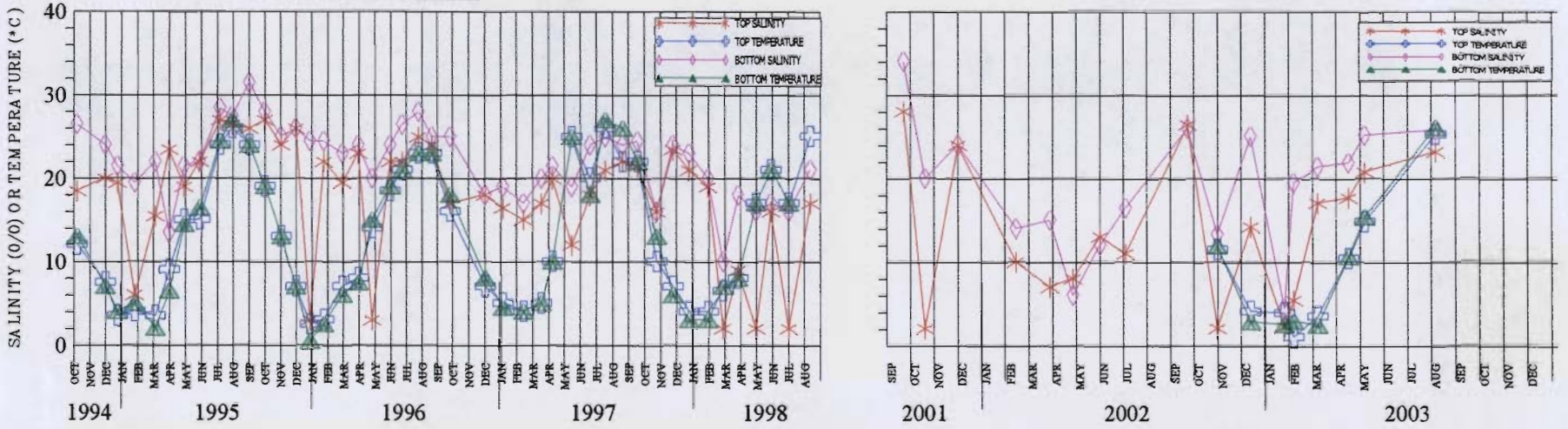
GROUND–WATER REMEDIATION DESIGN
ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

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

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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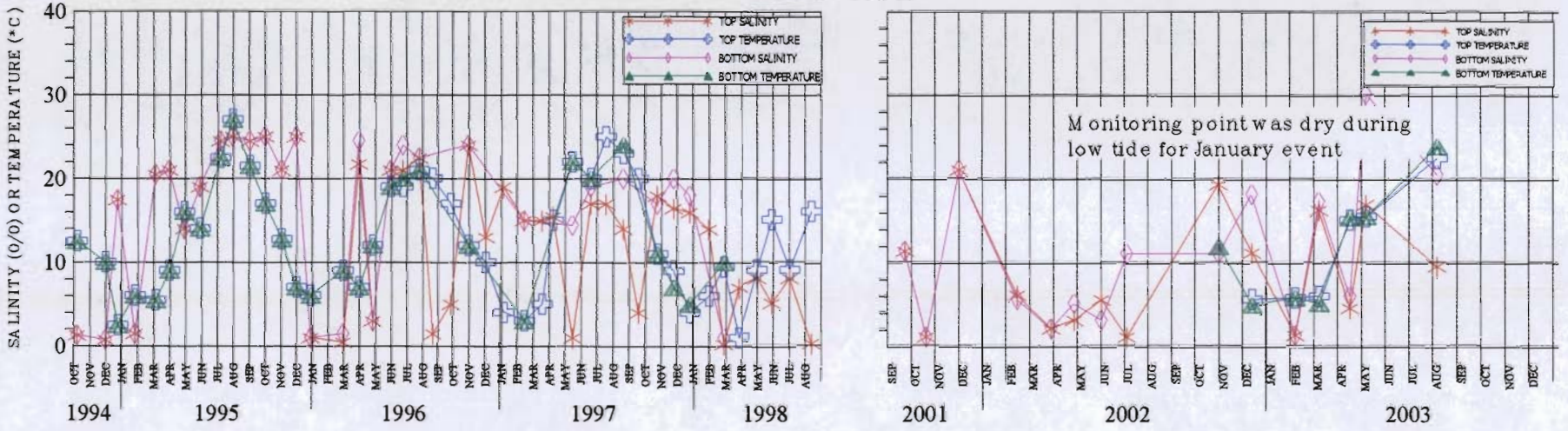

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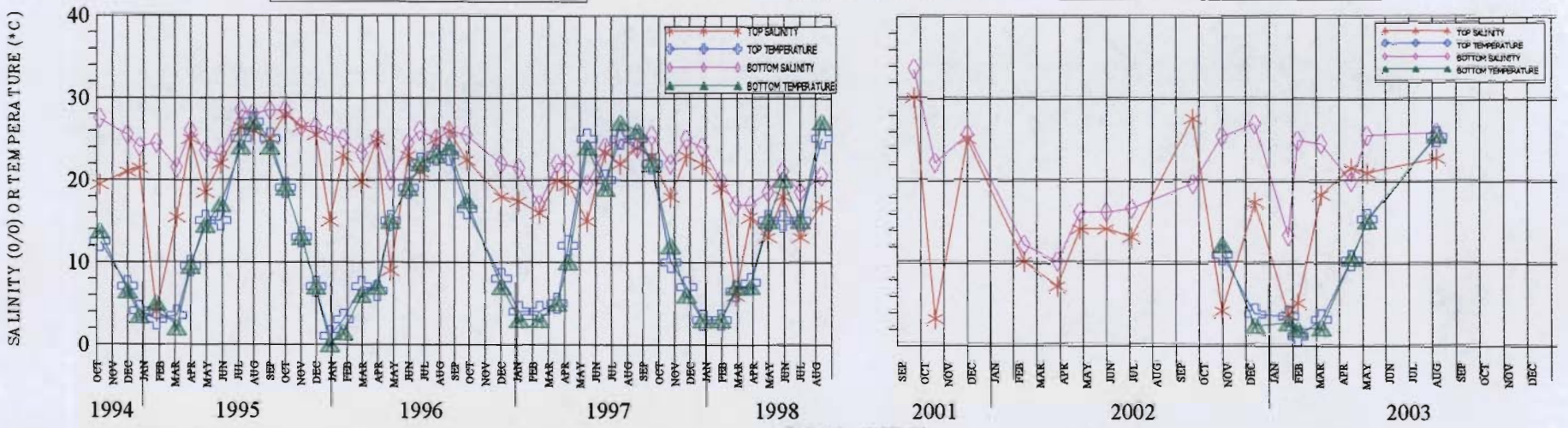
ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

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

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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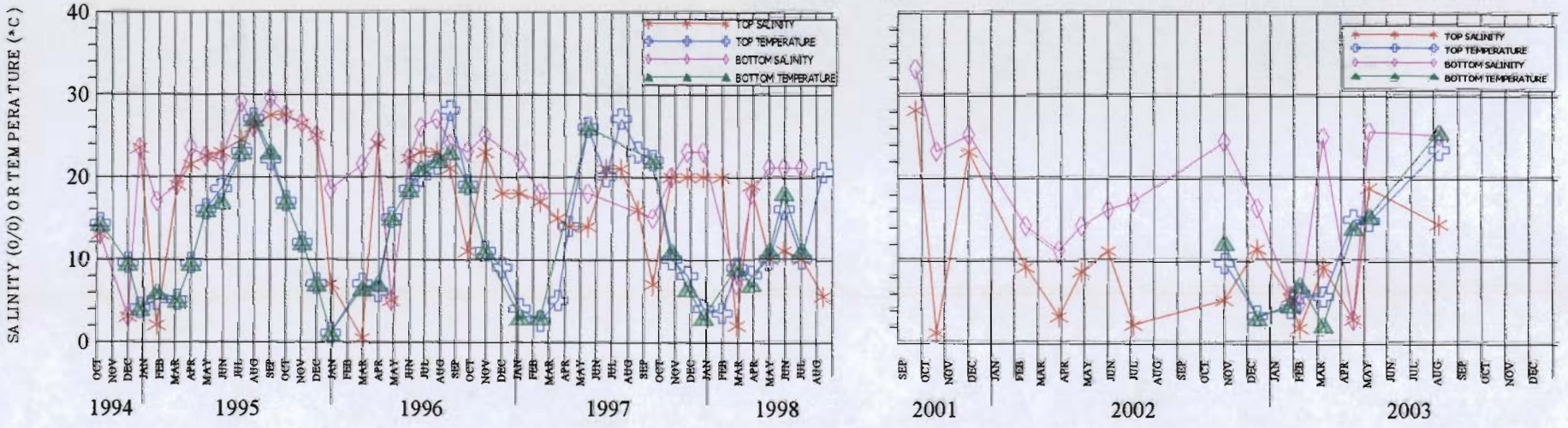

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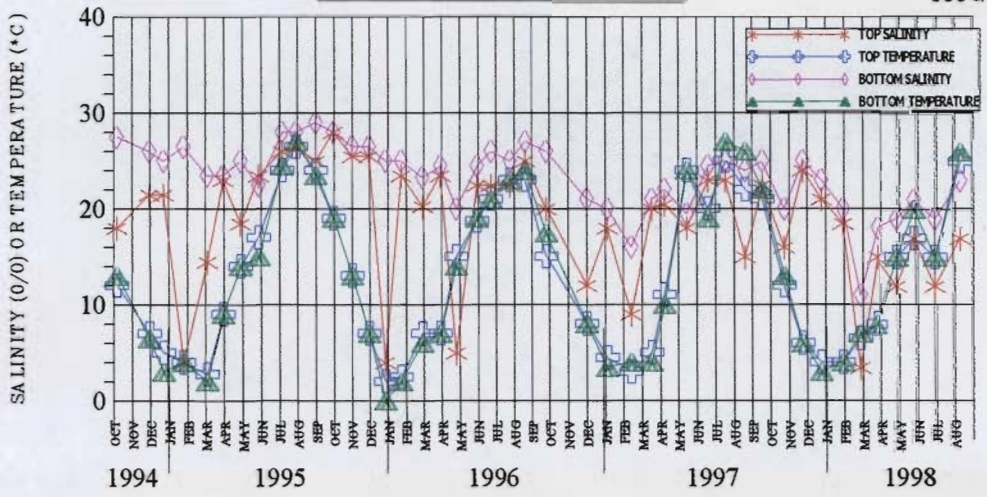
SAG HARBOR, NEW YORK

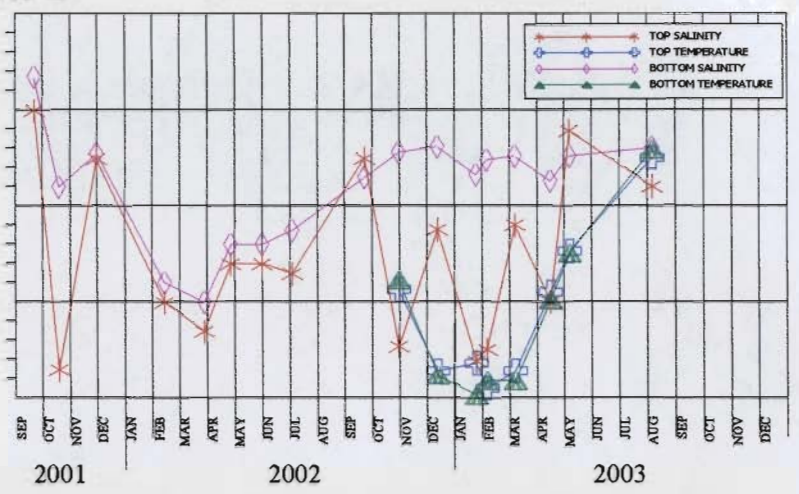
TEMPERATURE AND SALINITY MEASUREMENTS FOR MONITORING POINT S–4 DURING HIGH AND LOW TIDES

Historic Monitoring Data

HIGH TIDE



Current Monitoring Data



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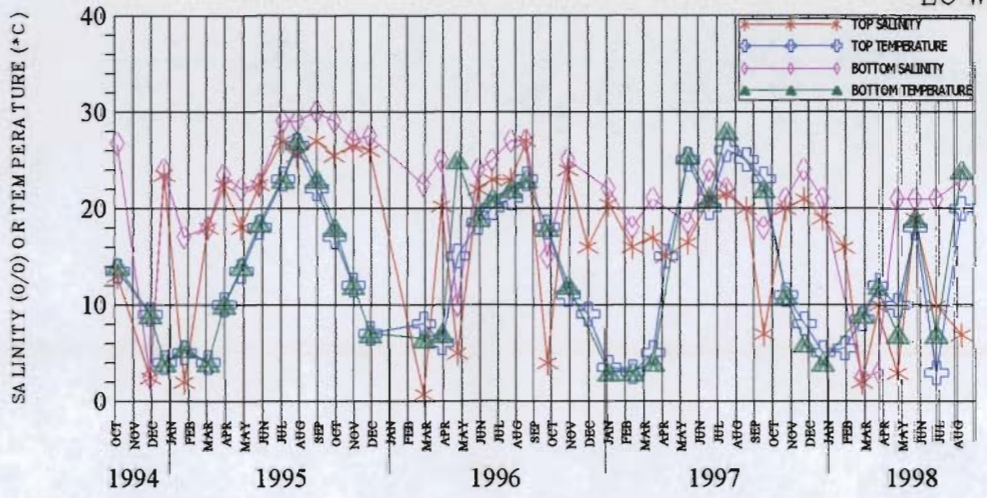

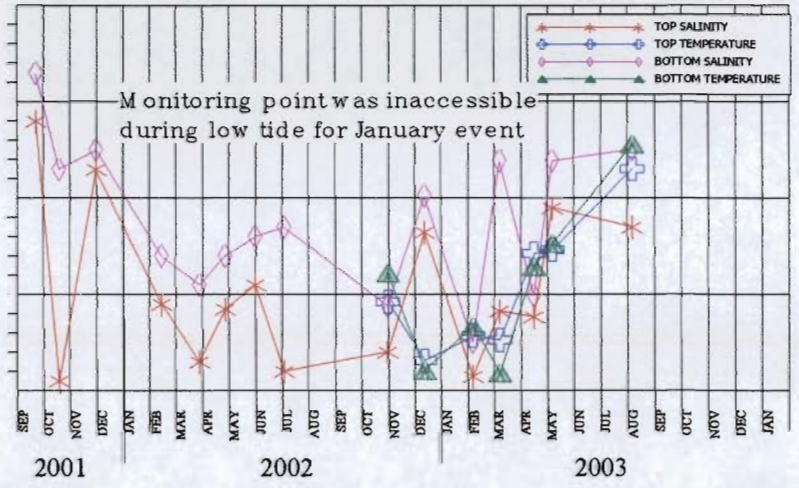

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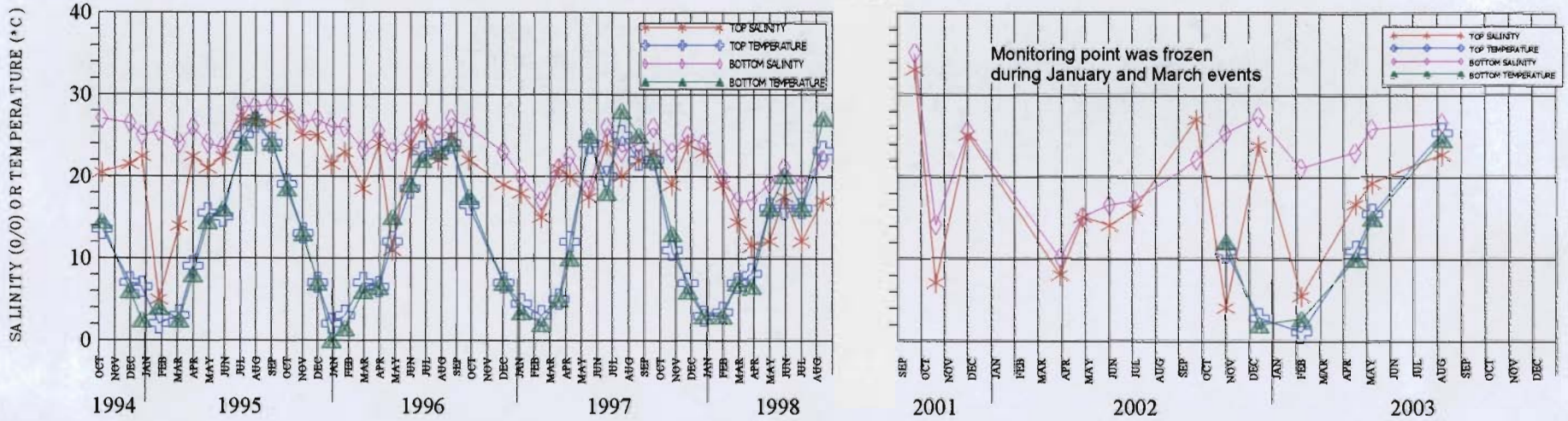
GROUND–WATER REMEDIATION DESIGN
ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

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

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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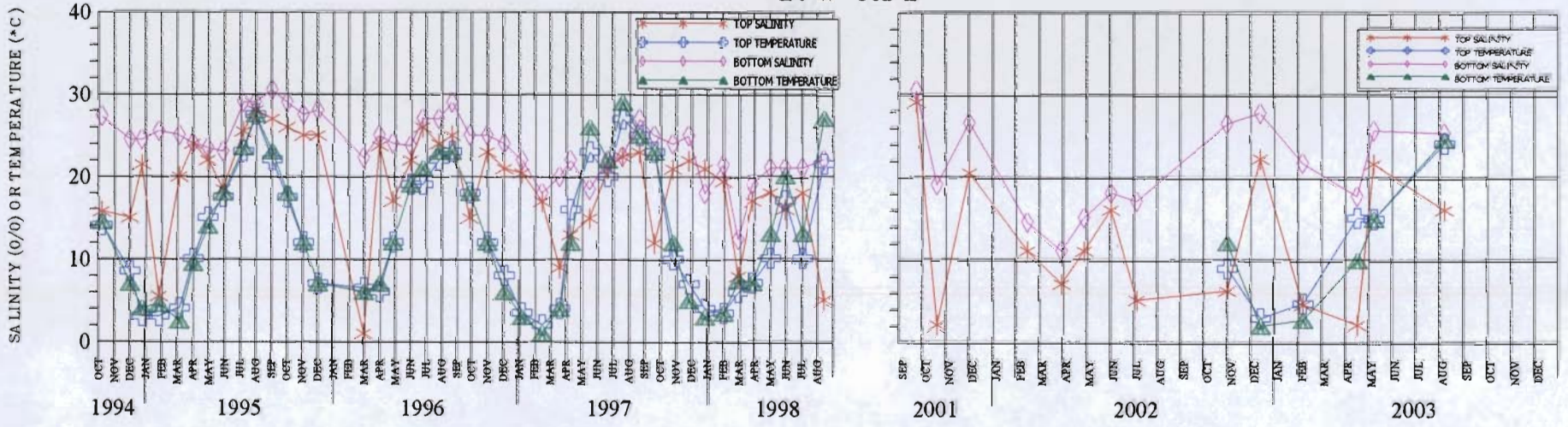

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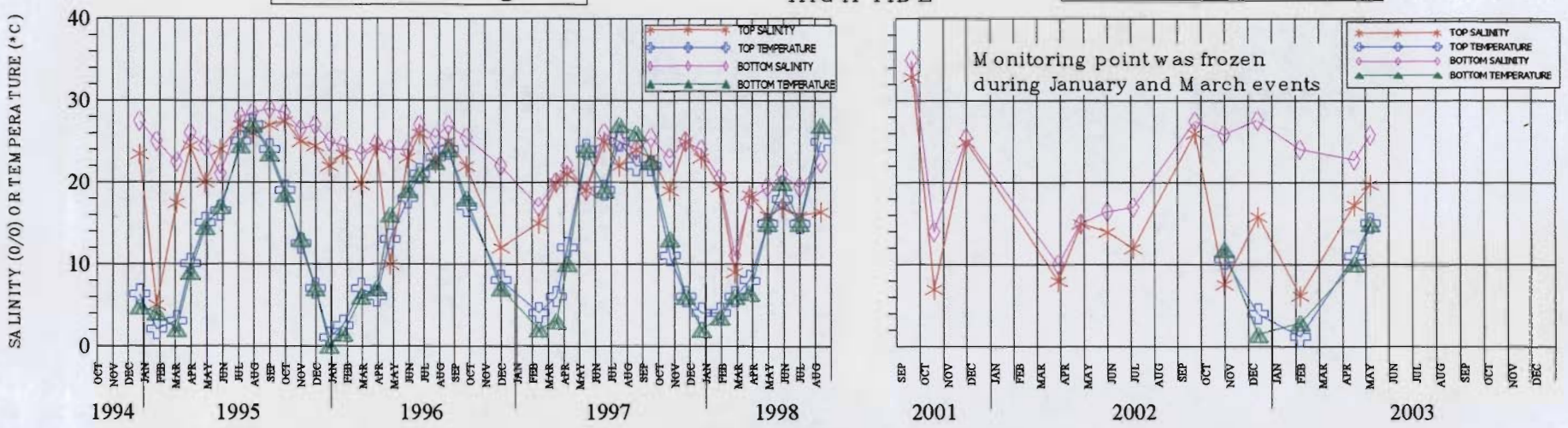
TEMPERATURE AND SALINITY MEASUREMENTS FOR MONITORING POINT S–6 DURING HIGH AND LOW TIDES

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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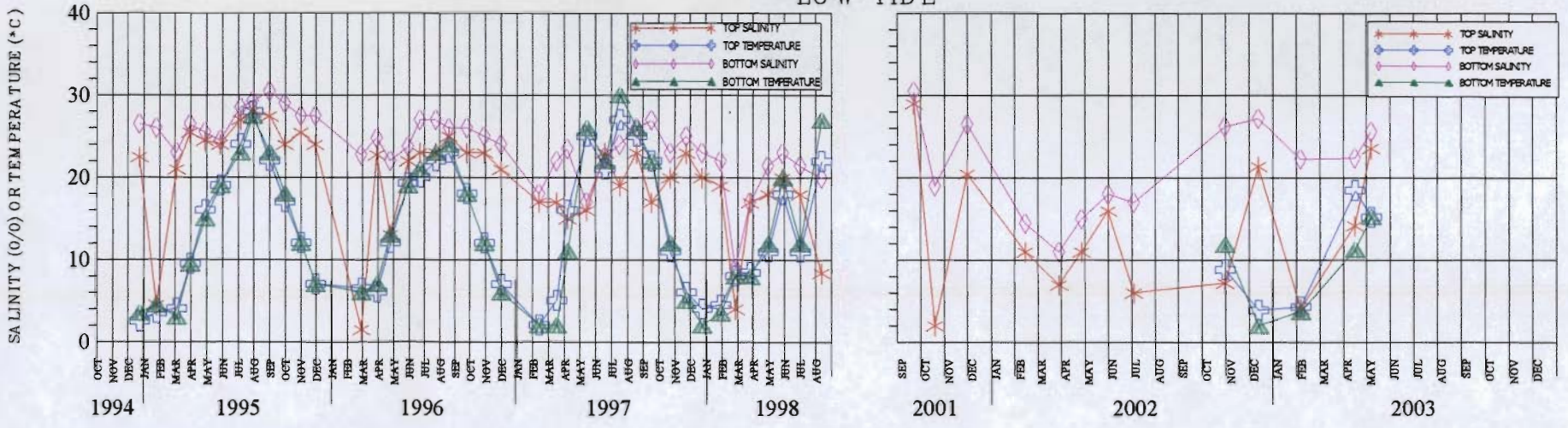

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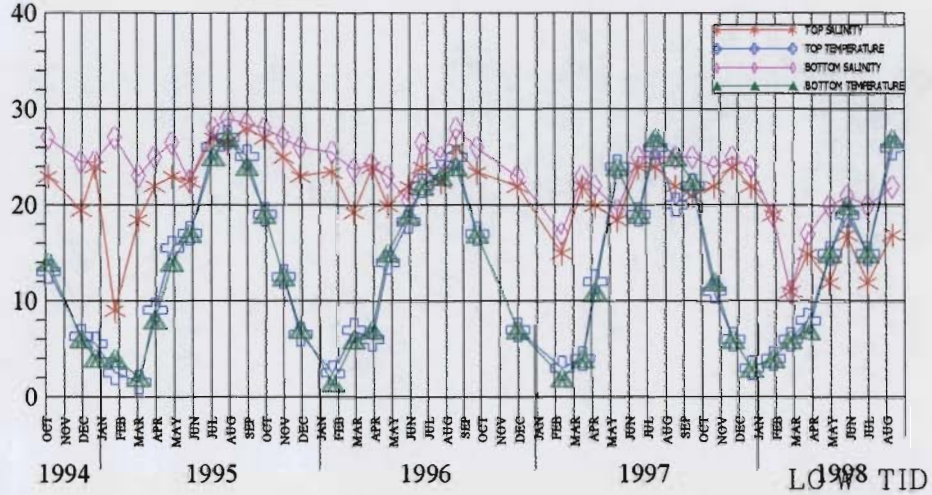
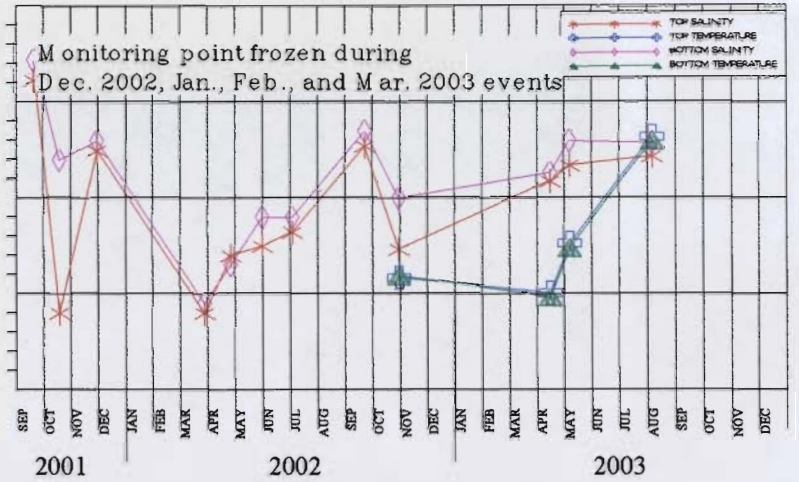
TEMPERATURE AND SALINITY MEASUREMENTS FOR MONITORING POINT S–7 DURING HIGH AND LOW TIDES

HIGH TIDE

Historic Monitoring Data



Current Monitoring Data



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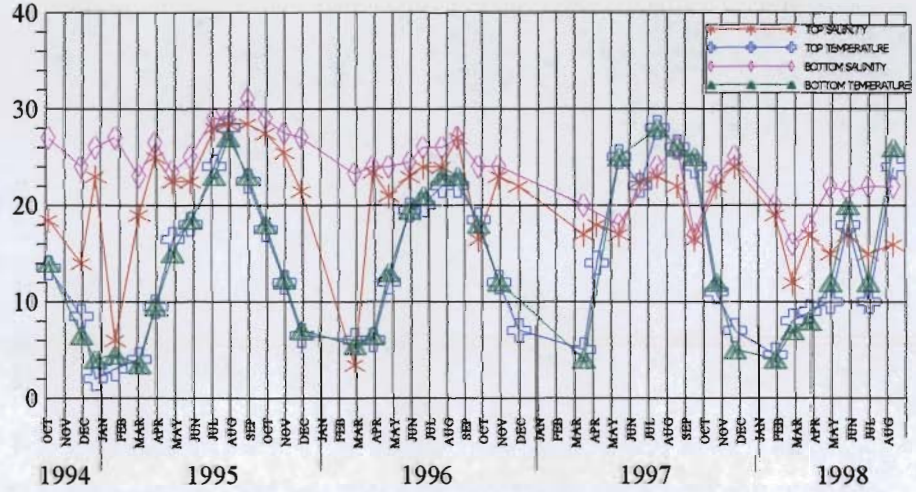

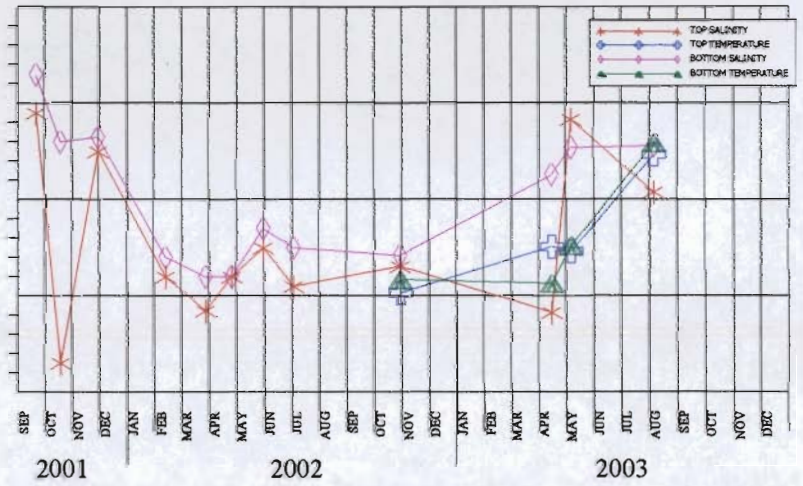

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GROUND–WATER REMEDIATION DESIGN
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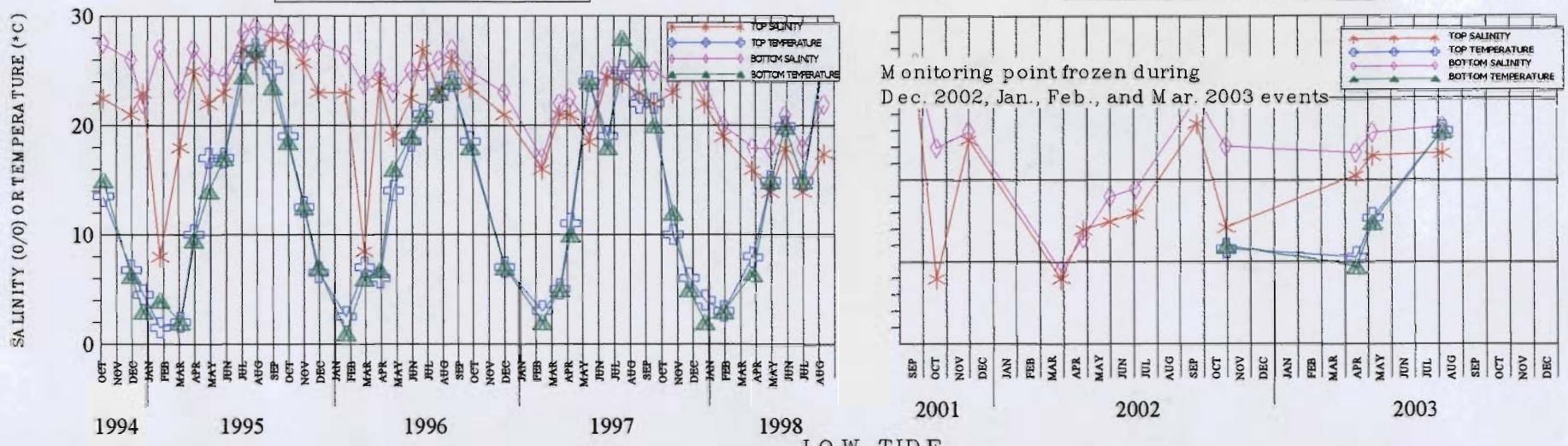
SAG HARBOR, NEW YORK

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

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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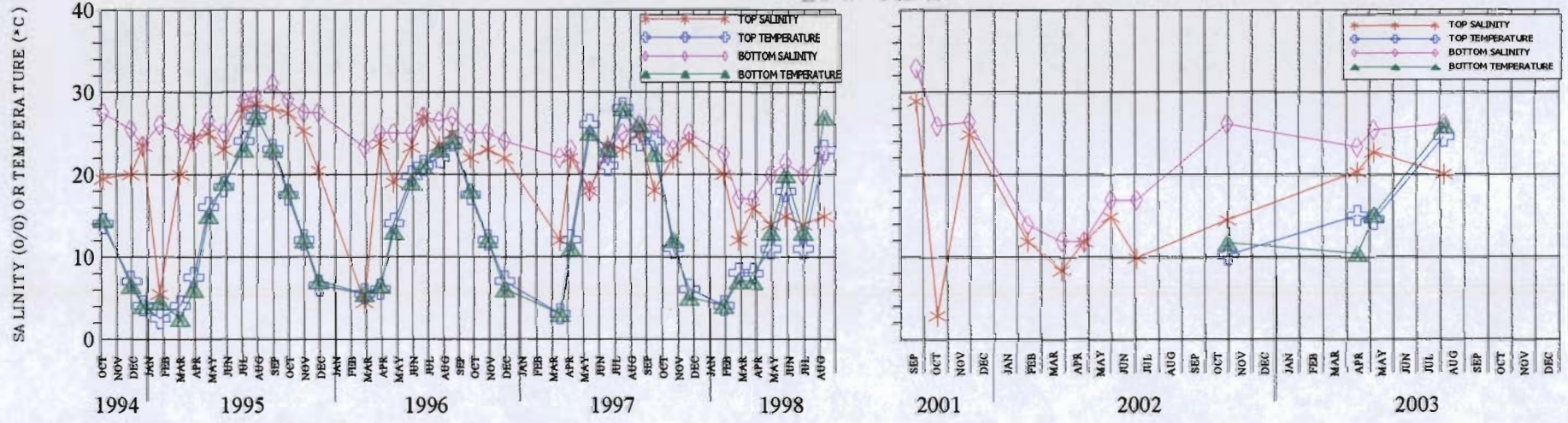

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GROUND–WATER REMEDIATION DESIGN
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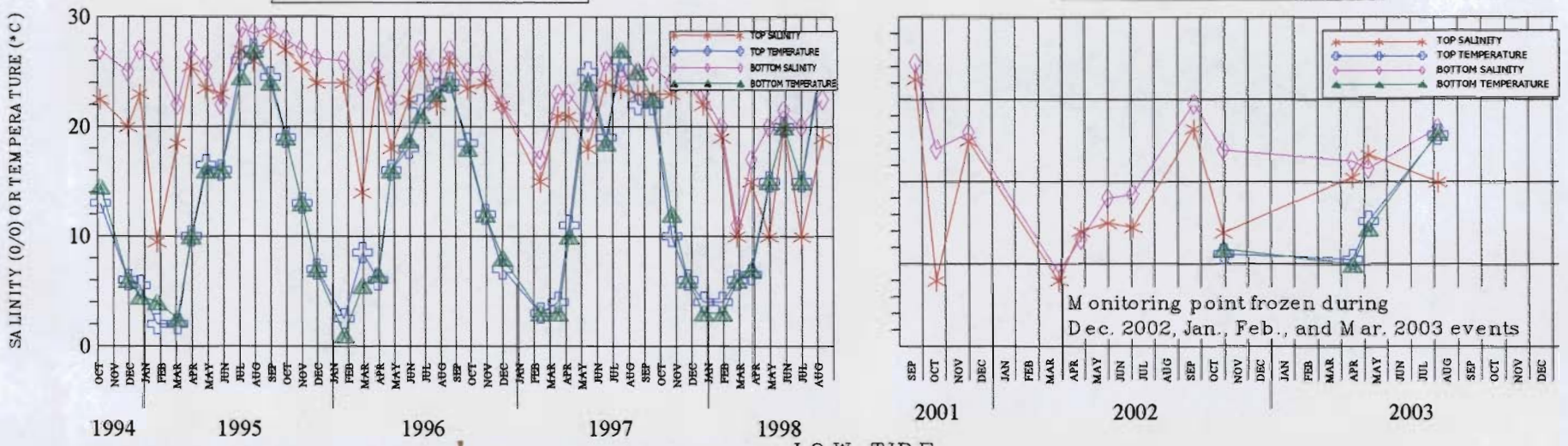
SAG HARBOR, NEW YORK

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

Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



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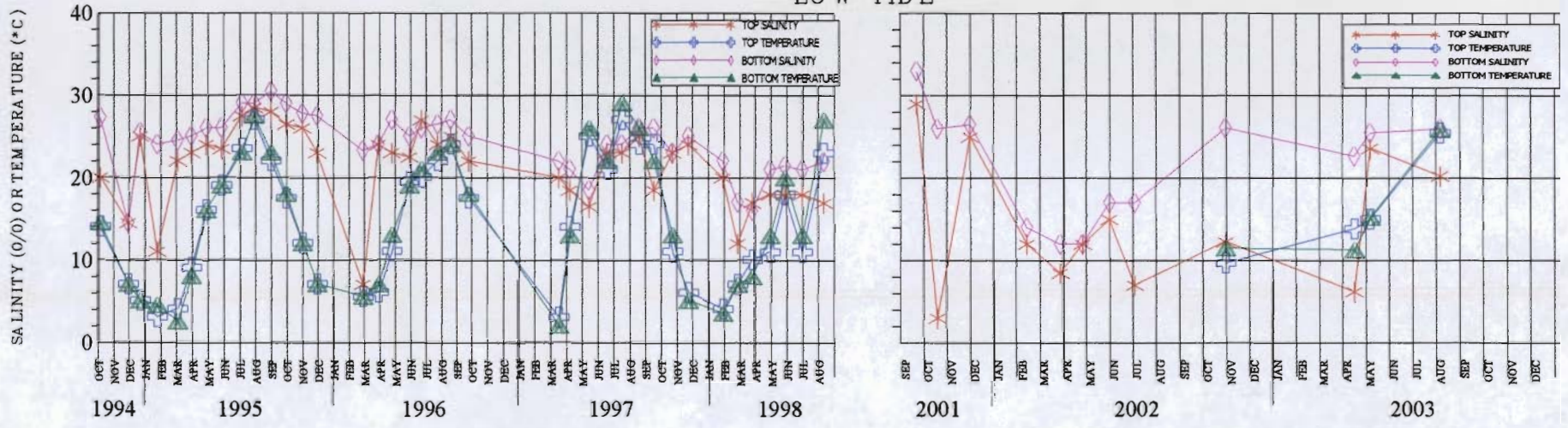

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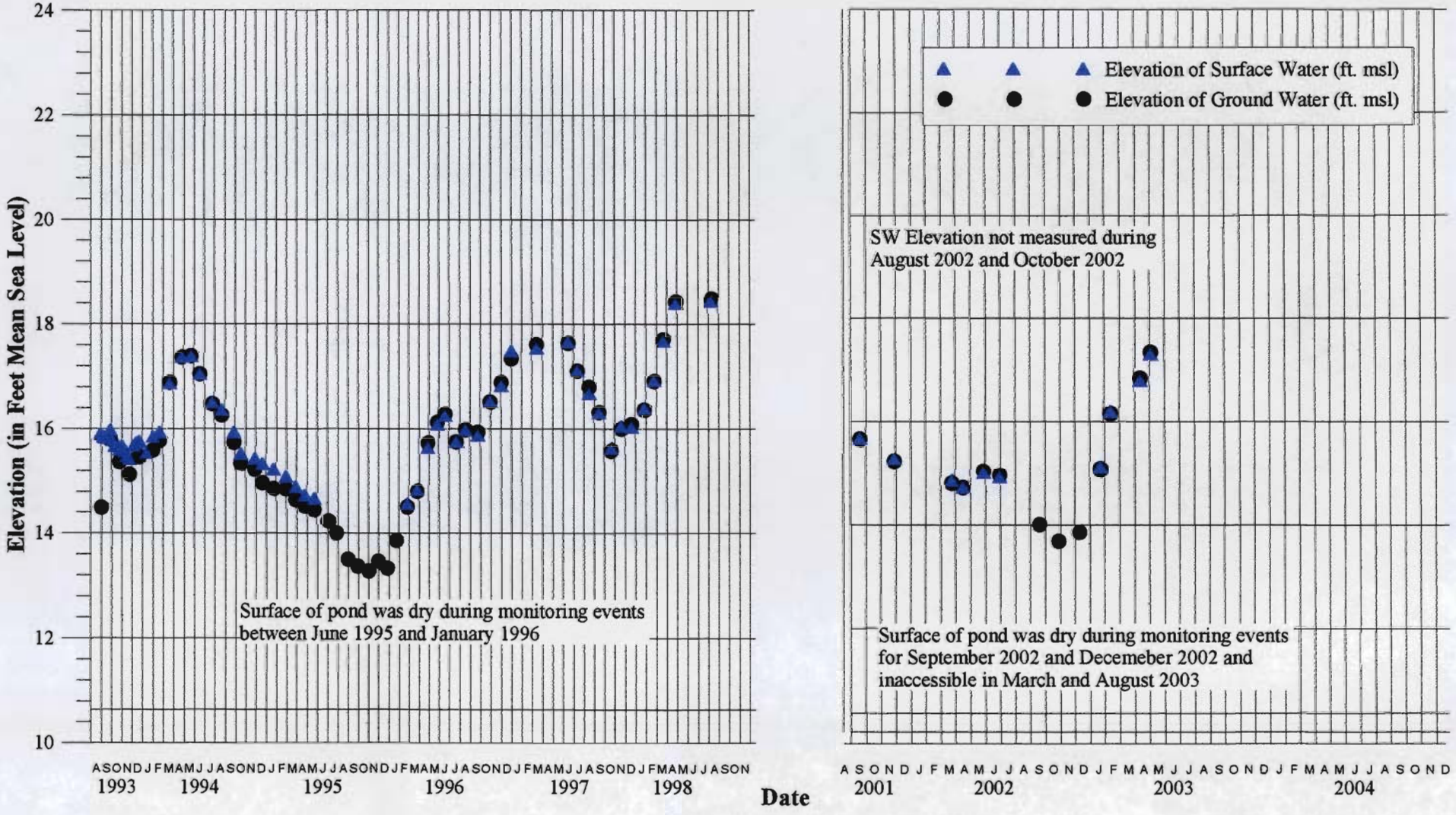
APPENDIX VI

APPENDIX VI
POND HYDROGRAPHS

ROWE INDUSTRIES SITE
SAG HARBOR, NEW YORK

Hydrograph of Crooked Pond Piezometer



H:\graphics\nabis\nabsag\pond_data\crooked.grf

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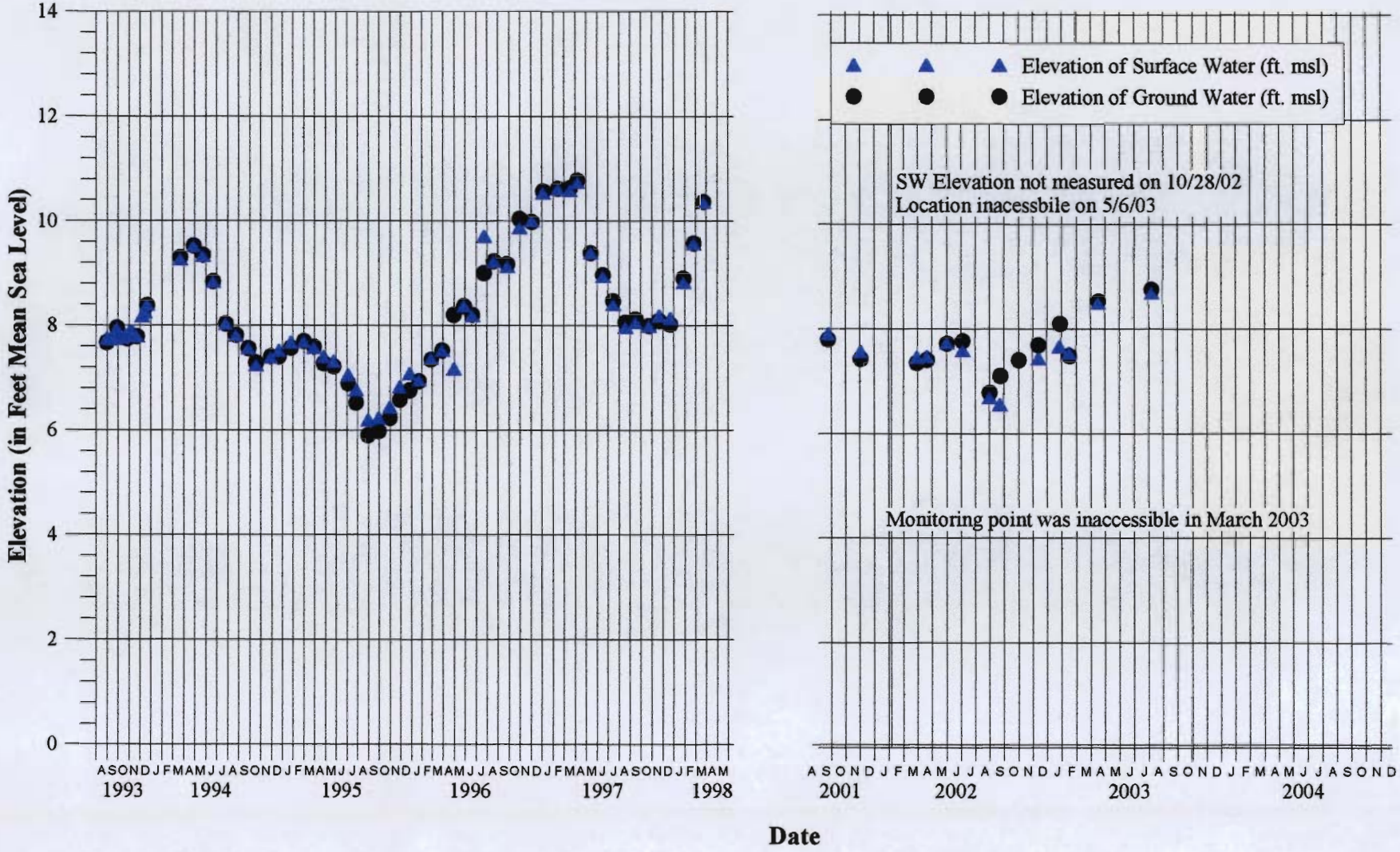
Hydrograph of Round Pond Piezometer



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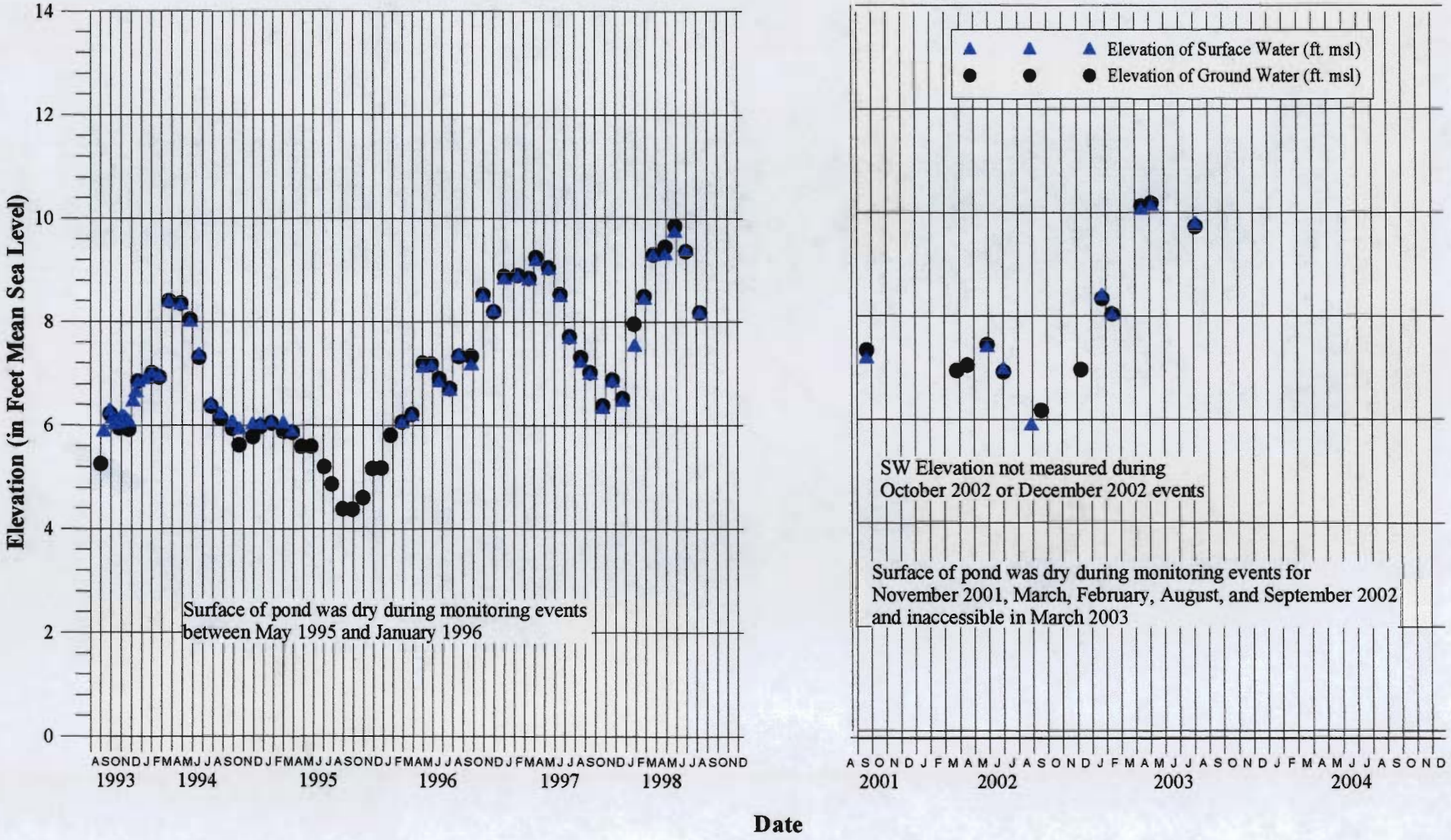
Hydrograph of Whaler's Pond Piezometer



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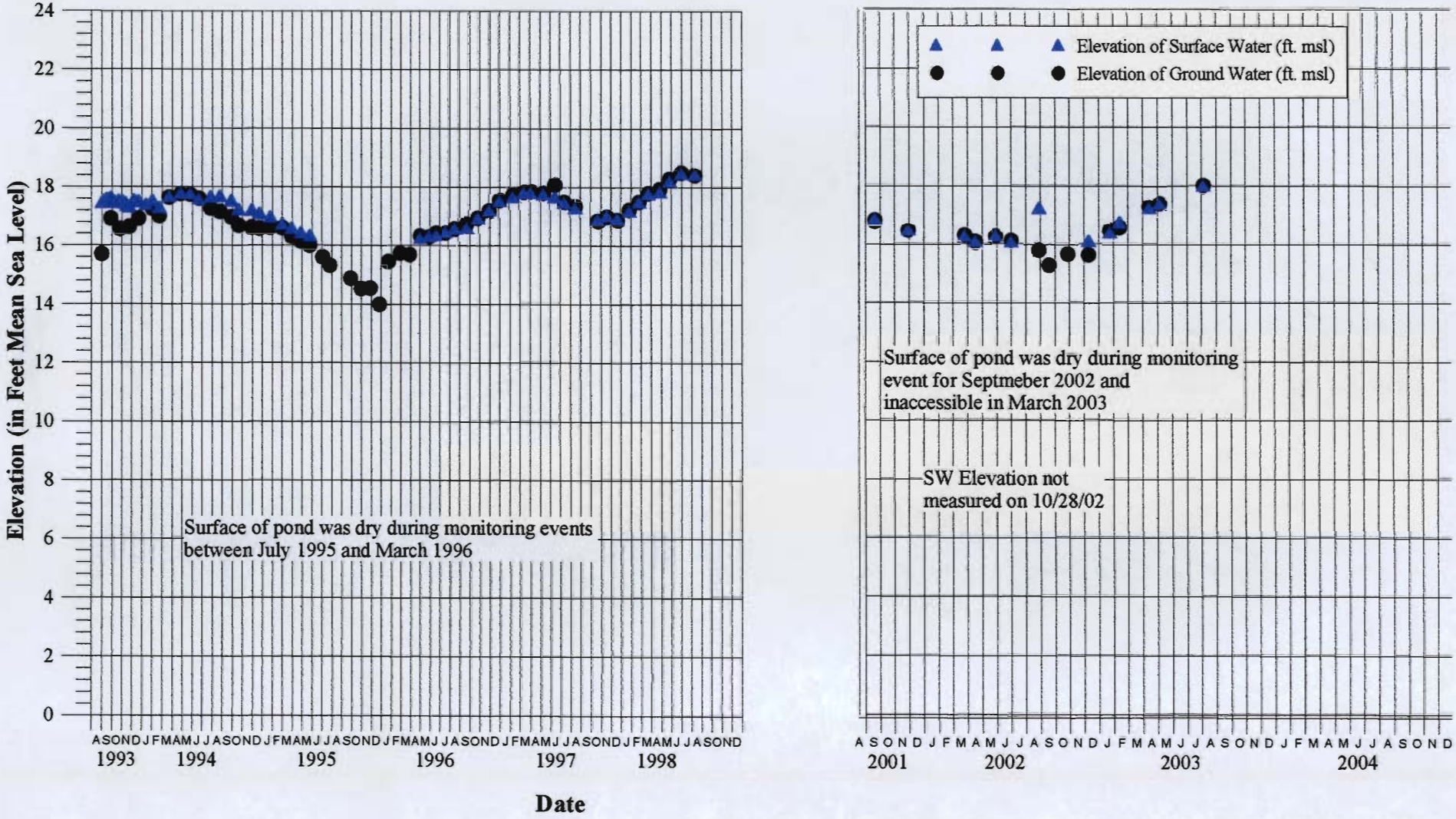
Hydrograph of Lily Pond Piezometer



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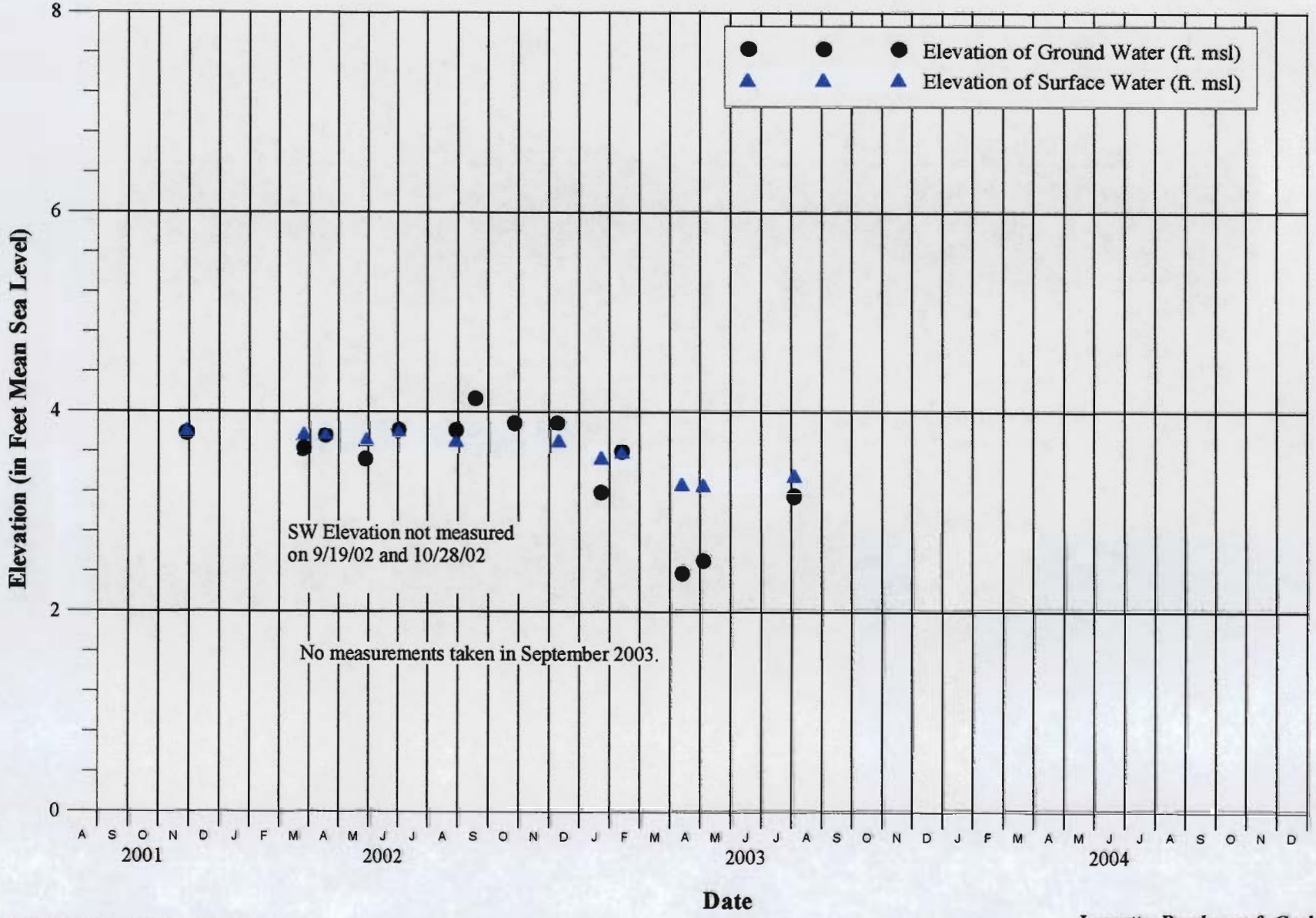
Hydrograph of Ligonee Brook Piezometer No. 1



H:\graphics\nabis\nabsag\pond_data\Lig 1.grf

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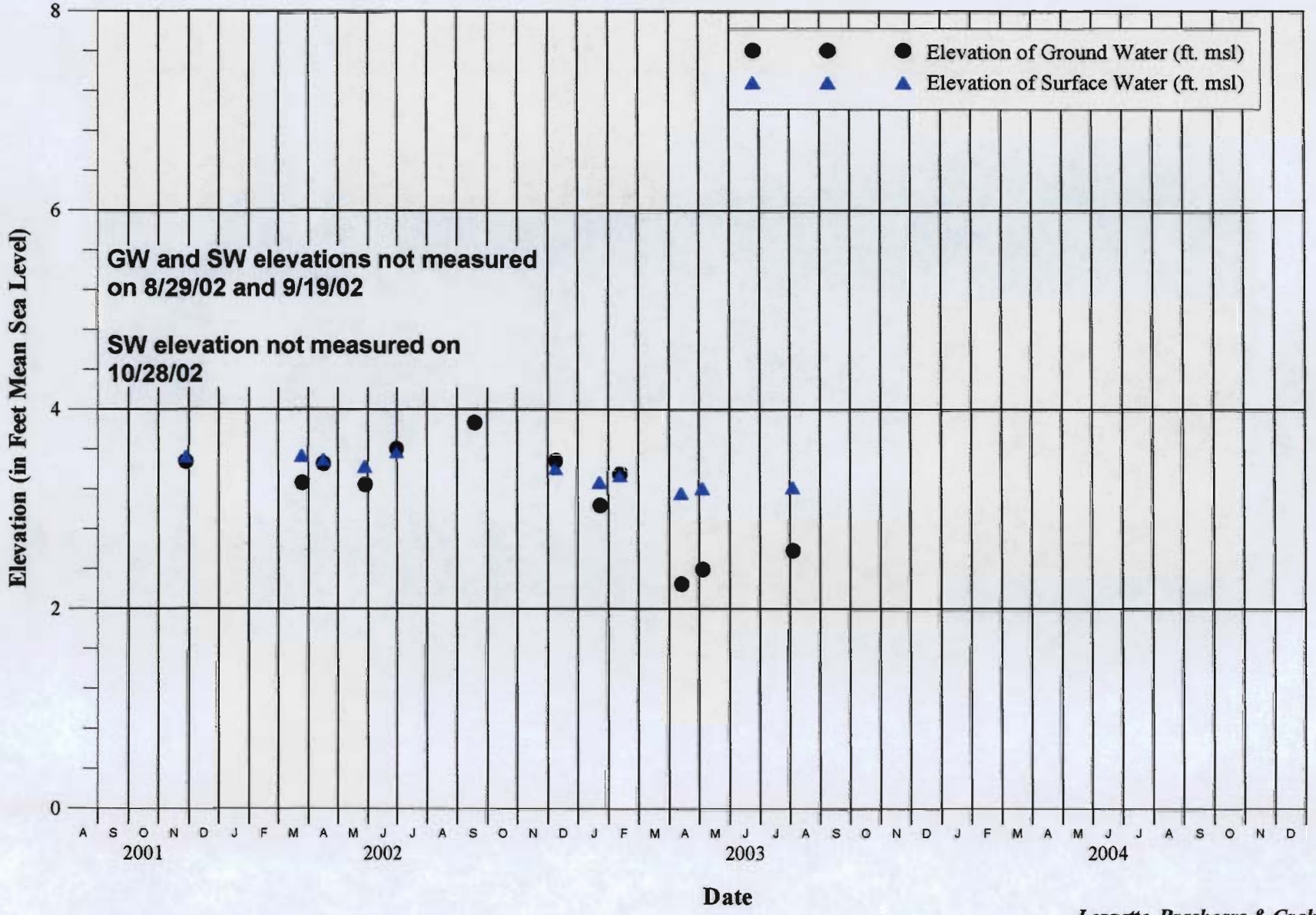
Hydrograph of Ligonee Brook Piezometer No. 2



Leggette, Brashears & Graham, Inc.

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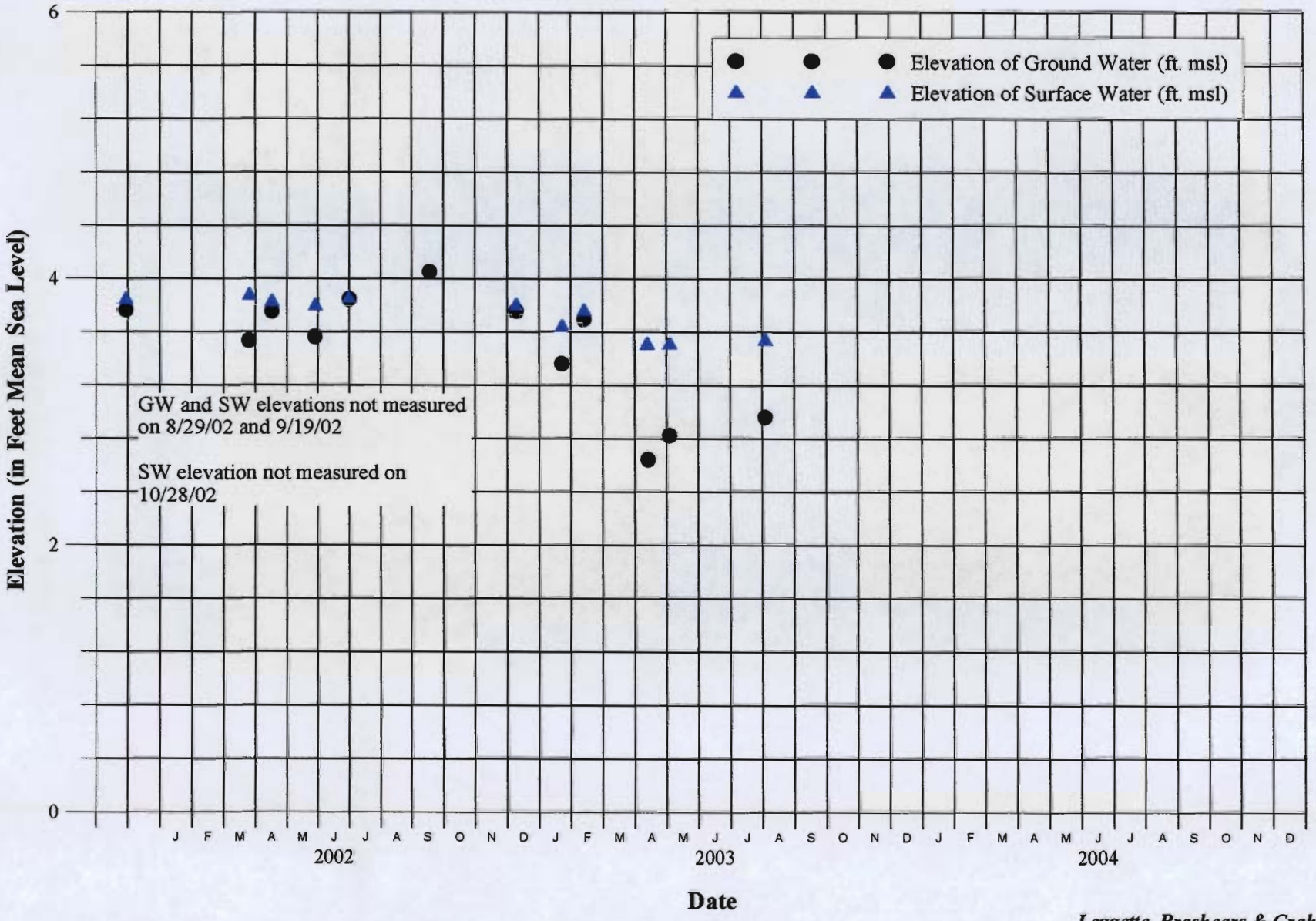
Hydrograph of Ligonee Brook Piezometer No. 3



Leggette, Brashears & Graham, Inc.

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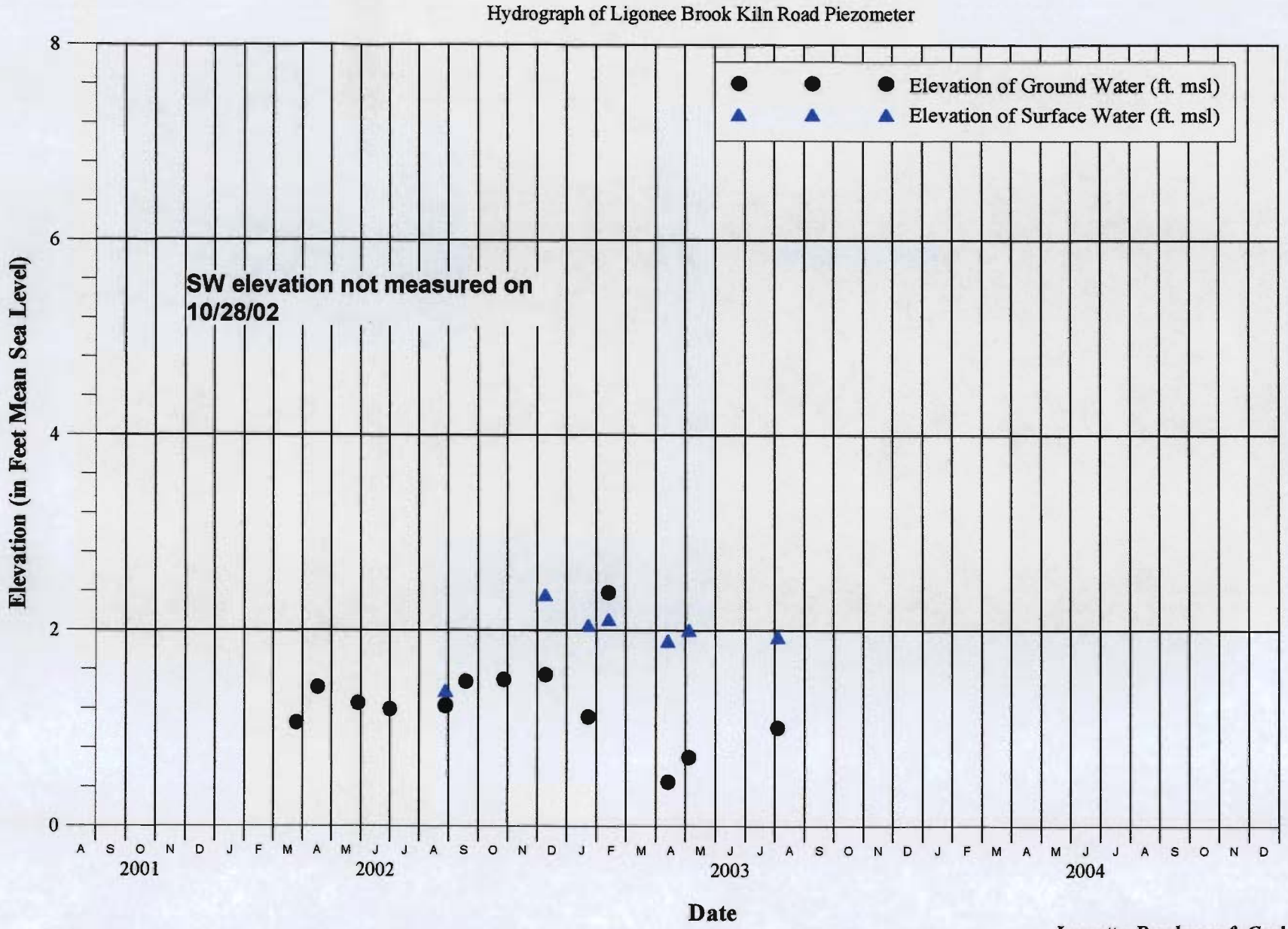

Leggette, Brashears & Graham, Inc.

H:\graphics\nabis\nabsag\pond_data\Lig.Brk Kiln Rd.grf

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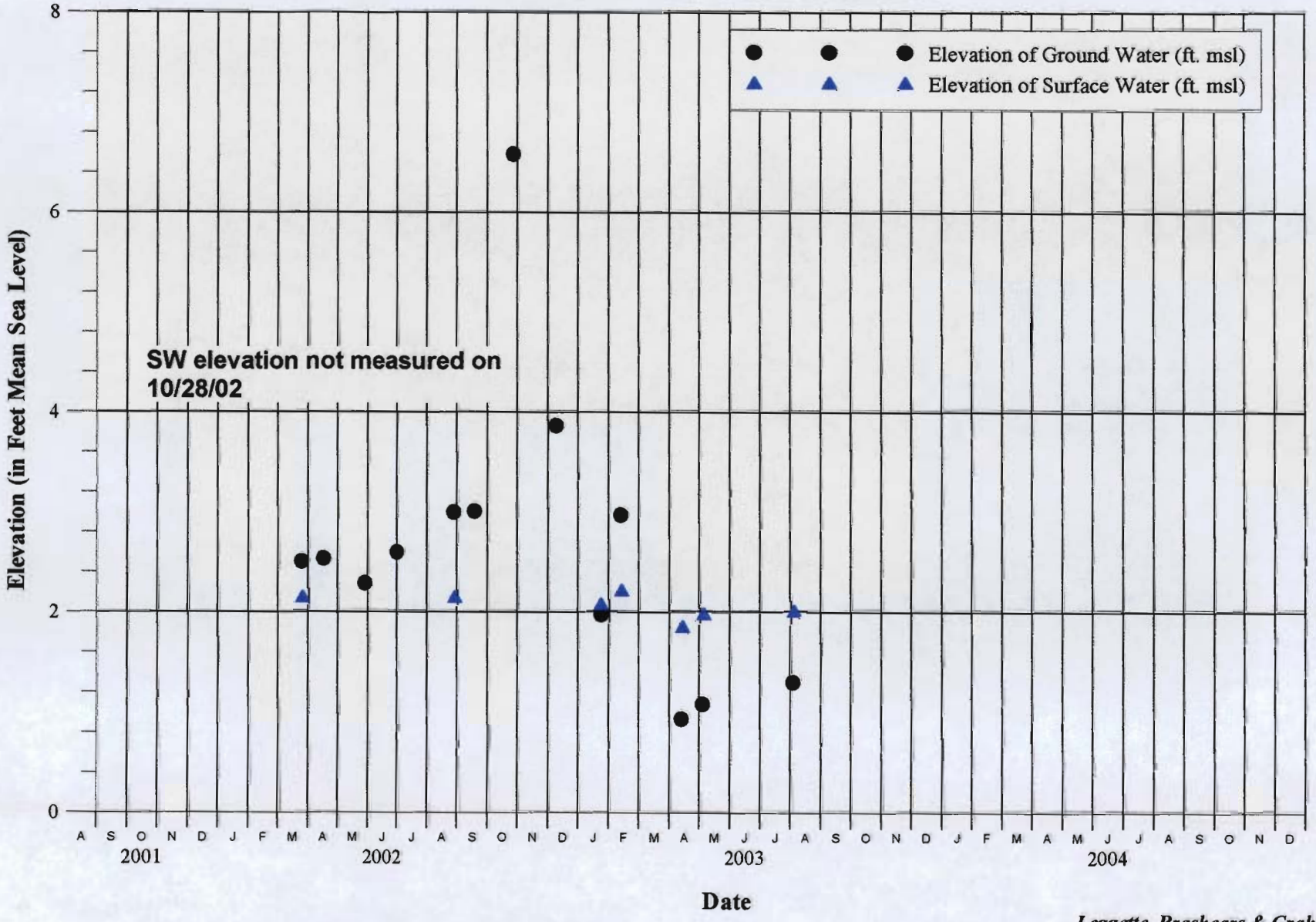
Hydrograph of Ligonee Brook Turnpike Piezometer



Leggette, Brashears & Graham, Inc.

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