

-DRAFT-

PROJECT STATUS MEMORANDUM

NO. 03-05

TO: Pamela Tames, USEPA

FROM: Laura R. Zima,
Alfred N. Kovalik, P.E.

JUL 16,

DATE: July 15, 2003

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

(May 1, 2003 through May 31, 2003)

Reporting Period: 31 days

Total Flow During Period: 12,787,460 gallons

System Average Flow: 398 gallons per minute (gpm) while operating

Mass of VOCs Recovered: 10.6 pounds

Cumulative VOCs Recovered: 55.0 pounds

Hours of Operation: 463 hours during reporting period (62 percent)
(based on number of hours registering flow from RW-1)

Alarm Conditions: See Table 1 : Maintenance Log

Discharge Criteria: Effluent water and air quality criteria met

SCHEDULE

Completed Tasks

During the May 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;
- collected ground-water samples from recovery wells (5/13/03);
- monitored select parameters in streams, estuary, wetlands, and ground water;
- completed air sampling events for carbon units;
- trouble-shoot to increase life span of filter bags;
- updated static ground-water elevations for accurate drawdown calculations;
- prepared monthly project status report; and
- completed project management administrative duties.

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;
- coordinate changes to system programming;
- prepare monthly project status report;
- complete project management administrative duties;
- replaced transducer in RW-9; and,
- run computer model with modified well flow to determine capture zone.

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 Figure 1. RW-4 flow is not accurate due to the sensor power source malfunction. Figure 2 shows individual well pressures over time. Recovery well RW-6 average flow is reduced due to 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 will be 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.

Based on analytical results for samples collected from the influent to the air stripper and water flow totalizer readings, approximately 10.6 pounds of volatile organic compounds (VOCs) were recovered by the system in May. The cumulative recovery of VOCs by the system since the start of operation is 55.0 pounds. The VOC recovery calculation for May is attached as Appendix II and is based on four sampling events. Laboratory analytical reports are attached as Appendix III.

Well	Volume Pumped (gal)	Average Flow (gpm)	Design Flow (gpm)	Total VOC Concentration (ug/L)	VOC Recovery (lbs)
RW-1	799,058	34.9	35	5.4	0.036
RW-2	612,946	19.1	45	26.7	0.14
RW-3	798,992	29.9	30	9.5	0.063
RW-4*	1,389,000	50	50	179.7	2.08
RW-5	1,598,545	54.9	55	25.4	0.34
RW-6	799,298	34.9	50	125.9	0.84
RW-7	1,595,330	69.5	80	148.1	1.97
RW-8	1,593,510	52.6	90	73.9	0.98
RW-9	1,601,580	86.8	100	31.5	0.42

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

During the reporting period, troubleshooting and maintenance activities were conducted on two of the recovery wells (see Table 1). Recurring fault conditions included low flow and overload fault conditions. Troubleshooting activities that were conducted to correct the fault conditions included adjusting well flowrates and alarm set points and cleaning flowmeters and the basket strainer.

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 394 gpm during the reporting period. The inlet, outlet and differential pressures for each filter unit are recorded on an hourly basis. Figure 3 illustrates the differential pressure readings over time across each of the three units. As indicated on this figure and as shown in the operations log, high differential pressure warnings were recorded and filter bag changeouts were conducted on almost a daily basis. Additional troubleshooting activities have been conducted during this reporting period to increase

the lifespan of the filter bags and minimize system maintenance requirements. The strategy that worked to increase the life-span of the bag filters is to remove the filter sock from the last housing in each bank of filters, so filter socks are in the first seven housings in each bank of the filters. This reduced required change-outs of the filter socks to approximately three times a week.

The average air flowrate through the air stripper during the reporting period was 2,357 scfm (standard cubic feet per minute). A graph of the air stripper air flow and air pressure over time is attached as Figure 4. The graph indicates fouling of the air stripper packing, but the effluent quality and removal efficiency have not declined which indicates no reduced performance of the air stripper. The air flow and pressure readings have declined slightly. The acid backwash system was not utilized during the reporting period. The water discharge from the air stripper was sampled weekly. As shown on the attached Table 2, the treated ground water met the water-quality requirements set forth in the SPDES criteria. The methylene chloride exceedances observed on May 6 and May 13 are attributed to laboratory error. A letter stating as such is attached in Appendix VII. Figure 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 June 5th analytical data) was 0.00173 pounds per hour. Trichloroethene was not detected and chloroform was below limits in the effluent vapor stream from the carbon unit system; therefore, the allowable concentrations of these compounds corresponding to the Ambient Guideline Concentration (AgC) at the property line were not exceeded.

GROUND-WATER SAMPLING

Ground-water samples were collected from the nine recovery wells on May 13, 2003. The samples were collected to estimate VOC mass recovery rates from each well. Table 4 summarizes the VOC analytical data for all ground-water samples collected during the operation of the system. The highest tetrachloroethene concentration for the most recent sampling round was 170 micrograms per liter in RW-4. Ground-water quality trends will be analyzed throughout the duration of the remedial action.

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. During May 2003, the salinity and temperature data was collected when the ground-water remediation system was operating. 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 is conducted in the Crooked, Whaler's Road, Lily and Round Ponds and the 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 May 6, 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.

Monitor well static water-level measurements were collected on February 27, 2003 and are summarized in Table 5. The collection of water level data from the monitor wells coincide with the collection of Greenbelt Pond water-level measurements. The drawdowns were calculated for April using this data and are shown in Table 5. Recovery well drawdown data for the nine recovery wells is approximated using data log files collected by the computer. The recovery well drawdowns presented in Table 5 are an average of the calculated drawdowns while the system was operating. It should be noted that drawdowns measured in monitor wells MW-49A, B and C are influenced by tidal fluctuations in the nearby cove. 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.

Figures 6 through 14 show calculated drawdown for each of the nine recovery wells for the month of May. The calculated drawdowns in the recovery wells have remained stable throughout the period of operation. The decreasing trend and negative numbers observed in the figures are a result of seasonal fluctuation of the water table. The static ground-water elevation, which is used to calculate the drawdown, has not been updated since February 27 resulting in the negative drawdown

values when the system is not recovering ground water. The static ground-water elevations will be updated during the next extended maintenance shutdown period.

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

LRZ:ng

Attachments

H:\NABIS\2003\monthly reports\May\Status0304May.doc

TABLES

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

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

Date	Time	System Changes/Modifications	Personnel
5/1/03	8:54 AM	Shut down pumps for system O&M.	PJ
		Switch to TP2B as lead transfer pump.	PJ
		Tested acid circulation pump. Replaced blower contactor with large amperage contactor.	PJ
		Clean flow meters in RW-2, 8, 9 very clogged. Open basket strainer housing and onsite well check valve. Pipe has about 1/2" thick layer of iron sludge around the entire pipe. Cleaned check valve.	PJ
		Switched discharge to secondary recharge basin.	PJ
5/2/03		Clean flow meters in building.	PJ
		Changed computer program so RW setpoints transfer into program for static ground water elevation (DTW) do not need correction factor anymore.	PJ
		RW-4 24 VDC power source replaced. Sealed all conduit and displays to prevent flooding.	PJ
5/3/03	10:06 AM	Restarted system after maintenance shutdown.	PJ
		Problems with RW-4 and RW-8. Shutdown wells to trouble shoot.	PJ
	11:30 AM	Restarted system.	PJ
	12:00 PM	Changed multi-bag filter socks (100 µm) on bank 1 and 2, 7 of 8 housings.	PJ
	12:15 PM	Sampled NP2-6, NP2-7, and NP2-10.	PJ
5/4/03	12:00 PM	Changed multi-bag filter socks (100 µm) on bank 2 and 3, 7 of 8 housings. Closed bank 1.	ASH
5/8/03	10:57 AM	Changed multi-bag filter socks (200 µm) on bank 1 and 2, 7 of 8 housings. Closed bank 3.	LZ
5/10/03	11:10 AM	Changed multi-bag filter socks (200 µm) on bank 2 and 3, 7 of 8 housings. Closed bank 1.	ASH
5/11/03	1:46 AM	Filter bank 3 high pressure warning.	TF
	2:01 AM	Filter bank 3 high pressure alarm.	TF
	2:43 AM	Booster blower low pressure alarm.	TF
	5:04 AM	Low pH alarm.	TF
	5:31 AM	Air stripper blower low pressure alarm.	TF
5/12/03	9:58 AM	Onsite wells flow alarm due to clogged flow meter.	TF
	11:01 AM	Filter bank 3 high pressure warning.	TF
	12:10 PM	Shutdown power to system to reset bag filter sensor displays.	TF
	12:16 PM	Turned power back on.	TF
	12:28 PM	Restarted system.	TF

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

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

Date	Time	System Changes/Modifications	Personnel
5/12/03		Changed multi-bag filter socks (200 µm) on all banks, 7 of 8 housings. Closed bank 1.	TF
5/16/03	6:54 AM	Changed multi-bag filter socks (200 µm) on bank 1, all housings, and bank 2, 7 of 8 housings. Closed bank 3.	PJ
5/17/03	9:54 AM	Filter bank 2 high pressure warning.	PJ
	11:57 AM	Filter bank 1 high pressure warning.	PJ
	3:58 PM	Equalization tank high high level alarm.	PJ
	3:58 PM	Filter bank 1 high pressure alarm.	PJ
5/18/03	4:13 AM	Air stripper blower low pressure alarm due to a broken belt.	PJ
5/19/03	1:46 AM	Power failure.	PJ
5/20/03	11:00 AM	Replaced belts and restarted system.	PH
		Changed multi-bag filter socks (200 µm) on bank 1 and bank 2, 7 of 8 housings.	PH
5/21/03		Changed multi-bag filter socks (200 µm) on bank 1, all housings, and bank 2, 7 of 8 housings. Closed bank 3, was used during changeout.	PJ
5/22/03	8:15 AM	Shutdown system for maintenance and programming.	PJ
		Jet cleaned vault piping in RW-2, 4, and 8. Also cleaned piping from onsite manifold cleanout to vault at RW-2.	PJ
		Rockwell revising program for acid backwash and miscellaneous required revisions (I.e. vps corrections, local RW switches).	PJ
		Installed new motor starter protector for mixer motor.	PJ
5/23/03		Jet cleaned RW-9 vault piping.	PJ
		Rockwell tuned RW-8, adjusted current limit from 14 to 15 amps.	PJ
		Ran system to clean out piping from RWs to system. Bag filters clogging quickly. Leaving system off over weekend to let silts, etc. settle.	PJ
		Temporarily set equalization tank setpoints for pump off from 30 to 16.5 and low low alarm from 16 to 14.	PJ
5/27/03	9:05 AM	Changed multi-bag filter socks (200 µm) on all banks.	PH
	2:43 PM	Filter bank 2 high pressure warning.	LZ
	2:51 PM	Filter bank 1 high pressure warning.	LZ
	4:07 PM	Filter bank 3 high pressure warning.	LZ
	5:53 PM	Filter bank 2 high pressure alarm. System shut down.	LZ
5/28/03	10:00 AM	Changed multi-bag filter socks (200 µm) on bank 1 and 2, 7 of 8 housings. Closed bank 3.	LZ

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

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

Date	Time	System Changes/Modifications	Personnel
5/29/03	9:00 AM	Changed multi-bag filter socks (200 µm) on bank 1 and 2, 7 of 8 housings. Closed bank 3.	PJ
	9:50 AM	Opened RW combined flow meters.	PJ
	9:52 AM	Opened TP-1 flowmeter.	PJ
5/30/03	10:30 AM	Sampled NP2-6, NP2-7, and NP2-10 and checked discharge pH.	PJ

TABLE 2

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

DISCHARGE WATER QUALITY RESULTS

Date Sampled	pH ^{2/}	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)	Ethylbenzene (ug/L)	Methylene Chloride (ug/L)	Freon 113 (ug/L)	Naphthalene (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)
SPDES Limits	6.5 to 8.5	---	1	5	5	5	5	5	5	5	5	5	---	10	7	---	---	---
3-May-03	NM	72	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.4	2.8	0.9	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.75	0.0808
6-May-03	NM	99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	5.4	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.19	0.0564
13-May-03	NM	52	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	6.6	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.92	0.0665
30-May-03	6.8	110	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.29	0.707

SPDES: State Pollutant Discharge Elimination System

mg/L: Milligrams per liter

ug/L: Micrograms per liter

---: Not established

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

1,2-DCE: 1,2-Dichloroethene

MTBE: Methyl tert-butyl ether

Notes:

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

TABLE 3

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

CARBON UNIT SYSTEM AIR QUALITY RESULTS

Precarbon			Parameters (mg/m3)										
Sample Name	Date	Time	PCE	TCE	Toluene	Benzene	Chloroform	m&p-Xylenes	Methylene Chloride	o-Xylene	Chloromethane	Carbon Disulfide	Styrene
Precarbon (ITPP A)	10/8/02	11:05	6.6	0.18	0.06	0.02	ND	ND	ND	ND	ND	ND	ND
Precarbon (ITPP B)	10/9/02	12:31	5.6	0.18	0.04	0.06	ND	ND	ND	ND	ND	ND	ND
Precarbon 112002	11/20/02	21:45	2.8	0.09	0.03	0.04	ND	ND	0.01	ND	0.54	ND	ND
Precarbon 112602	11/26/02	20:10	6.8	0.18	0.06	ND	ND	ND	ND	ND	0.88	ND	ND
AQ1219022120NP4-1	12/19/02	21:20	2.9	0.12	0.02	0.03	0.01	ND	ND	ND	ND	ND	ND
AQ0109031120NP4-1	1/9/03	11:20	2.3	0.07	0.06	ND	ND	ND	ND	ND	ND	ND	ND
AQ0220030932NP4-1	2/20/03	9:32	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ0312031131NP4-1	3/12/03	11:31	1.3	0.04	0.02	0.009	ND	ND	ND	ND	0.09	ND	ND
AQ0409030942NP4-1	4/9/03	9:42	0.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AQ060503:1155NP4-1	6/5/03	11:55	0.6	0.02	0.003	0.003	ND	ND	0.097	ND	ND	ND	ND

Midcarbon			Parameters (mg/m3)										
Sample Name	Date	Time	PCE	TCE	Toluene	Benzene	Chloroform	m&p-Xylenes	Methylene Chloride	o-Xylene	Chloromethane	Carbon Disulfide	Styrene
Midcarbon (ITPP A)	10/8/02	11:07	0.004	ND	0.05	0.009	ND	0.008	ND	ND	ND	ND	ND
Midcarbon (ITPP B)	11/9/02	12:30	0.002	ND	0.038	0.003	ND	0.005	ND	ND	ND	ND	0.002
Midcarbon 112002	11/20/02	21:50	ND	ND	0.22	0.06	ND	0.07	0.19	ND	0.77	ND	ND
Midcarbon 112602	11/26/02	21:12	0.005	ND	0.015	0.004	ND	0.003	0.017	ND	0.07	ND	ND
AQ1219022120NP4-2	12/19/02	21:20	0.04	ND	0.027	0.004	ND	0.006	0.03	ND	ND	ND	ND
AQ0109031122NP4-2	1/9/03	11:22	0.006	ND	0.044	ND	ND	0.004	0.013	ND	ND	ND	ND
AQ0220030932NP4-2	2/20/03	9:32	0.008	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND
AQ0312031131NP4-2	3/12/03	11:31	0.01	0.003	0.03	0.005	0.012	0.006	ND	0.002	ND	0.002	0.002
AQ0409030943NP4-2	4/9/03	9:43	0.006	0.003	0.008	0.001	0.011	0.004	0.081	ND	ND	0.019	ND
AQ060503:1156NP4-2	6/5/03	11:56	0.032	0.001	0.002	0.001	0.004	ND	0.018	ND	0.002	ND	ND

Postcarbon			Parameters (mg/m3)										
Sample Name	Date	Time	PCE	TCE	Toluene	Benzene	Chloroform	m&p-Xylenes	Methylene Chloride	o-Xylene	Chloromethane	Carbon Disulfide	Styrene
Postcarbon (ITPP A)	10/8/02	11:09	0.002	ND	0.048	0.003	ND	0.005	0.049	ND	ND	0.016	ND
Postcarbon (ITPP B)	10/9/02	12:27	0.002	ND	0.04	0.006	ND	0.004	0.002	0.004	ND	0.021	0.002
Postcarbon 112002	11/20/02	21:51	Sample lost due to lab error										
Postcarbon 112602	11/26/02	20:13	ND	ND	0.012	0.004	ND	0.002	0.017	ND	0.087	ND	ND
AQ1219022120NP4-3	12/19/02	21:20	ND	ND	0.045	0.006	0.001	0.006	0.022	0.002	ND	ND	ND
AQ0109031124NP4-3	1/9/03	11:24	0.001	ND	0.06	ND	ND	0.004	0.018	ND	ND	ND	ND
AQ0220030932NP4-3	2/20/03	9:32	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND
AQ0312031132NP4-3	3/12/03	11:32	ND	ND	0.01	0.002	0.006	0.002	ND	ND	ND	0.003	ND
AQ0409030944NP4-3	4/9/03	9:44	ND	ND	0.005	ND	0.009	0.002	0.023	ND	ND	0.019	ND
AQ060503:1157NP4-3	6/5/03	11:57	ND	ND	0.011	0.019	0.031	0.005	0.028	ND	ND	0.041	ND

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
RW-1	5-Sep-02	ND<1	ND<1	ND<1	ND<1	2.6	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-1	8-Oct-02	ND<1	ND<1	ND<1	ND<1	2.2	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-1	9-Oct-02	ND<1	ND<1	ND<1	ND<1	2.8	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-1	26-Nov-02	-	-	-	-	-	-	0.032	ND<0.02	-	-	-	-
RW-1	3-Jan-03	ND<1	ND<1	ND<1	ND<1	2.4	16	-	-	ND<1	ND<1	ND<1	ND<1
RW-1	23-Jan-03	ND<1	ND<1	ND<1	ND<1	2.0	9.8	-	-	ND<1	ND<1	ND<1	ND<1
RW-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
RW-1	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
RW-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
RW-2	5-Sep-02	190	2.9	ND<1	ND<1	ND<1	21	-	-	ND<1	ND<1	ND<1	ND<1
RW-2	5-Sep-02	120	1.4	ND<1	ND<1	ND<1	18	-	-	ND<1	ND<1	ND<1	ND<1
RW-2	8-Oct-02	140	2	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-2	9-Oct-02	110	1.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	6.6
RW-2	26-Nov-02	-	-	-	-	-	-	50.9	0.188	-	-	-	-
RW-2	3-Jan-03	38	1.3	ND<1	ND<1	ND<1	7.5	-	-	ND<1	ND<1	ND<1	ND<1
RW-2	23-Jan-03	31	ND<1	ND<1	ND<1	ND<1	6.7	-	-	ND<1	ND<1	ND<1	ND<1
RW-2	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
RW-2	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
RW-2	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
RW-3	5-Sep-02	23	1.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	5-Sep-02	30	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	8-Oct-02	18	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	9-Oct-02	19	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	26-Nov-02	-	-	-	-	-	-	2.23	2.34	-	-	-	-
RW-3	3-Jan-03	2.8	8.5	4.8	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	23-Jan-03	2.7	5.8	2.4	ND<1	ND<1	1.8	-	-	ND<1	ND<1	ND<1	ND<1
RW-3	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
RW-3	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
RW-3	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
RW-4	23-Sep-02	550	8.5	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	23-Sep-02	590	9.5	1.6	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	8-Oct-02	670	11	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	9-Oct-02	450	9.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	26-Nov-02	-	-	-	-	-	-	11	2.41	-	-	-	-

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)	Isopropylbenzene (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)
RW-4	3-Jan-03	190	3.8	7.1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	23-Jan-03	130	6.5	0.7	ND<1	ND<1	4.3	-	-	ND<1	ND<1	ND<1	ND<1
RW-4	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
RW-4	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
RW-4	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
RW-5	12-Sep-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	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
RW-5	8-Oct-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-5	9-Oct-02	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-5	26-Nov-02	-	-	-	-	-	-	ND<0.02	ND<0.02	-	-	-	-
RW-5	3-Jan-03	5.5	ND<1	ND<1	ND<1	1.9	1.5	-	-	ND<1	ND<1	ND<1	ND<1
RW-5	23-Jan-03	5.8	ND<1	ND<1	ND<1	1.1	3.5	-	-	ND<1	ND<1	ND<1	ND<1
RW-5	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
RW-5	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
RW-5	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
RW-6	12-Sep-02	69	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	12-Sep-02	140	1.1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	8-Oct-02	120	1.7	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	9-Oct-02	130	ND<1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	26-Nov-02	-	-	-	-	-	-	0.37	ND<0.02	-	-	-	-
RW-6	3-Jan-03	110	1.1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	23-Jan-03	97	1.6	ND<1	ND<1	0.6	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
RW-6	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
RW-6	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
RW-6	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
RW-7	12-Sep-02	270	4.1	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	12-Sep-02	350	5.2	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	8-Oct-02	360	4.7	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	9-Oct-02	370	4.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	26-Nov-02	-	-	-	-	-	-	0.075	ND<0.02	-	-	-	-
RW-7	3-Jan-03	160	2.5	1.3	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	23-Jan-03	120	2.3	1.1	ND<1	0.5	1.4	-	-	ND<1	ND<1	ND<1	ND<1
RW-7	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
RW-7	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
RW-7	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

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)	Isopropylbenzene (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)
RW-8	23-Sep-02	130	7.1	ND<1	ND<1	ND<1	-	-	-	1.1	ND<1	ND<1	ND<1
RW-8	23-Sep-02	100	6.6	ND<1	ND<1	ND<1	-	-	-	1.4	ND<1	ND<1	ND<1
RW-8	8-Oct-02	100	7.5	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-8	9-Oct-02	94	6.6	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-8	26-Nov-02	-	-	-	-	-	-	12.1	1.43	-	-	-	-
RW-8	3-Jan-03	59	4.3	4	ND<1	ND<1	ND<1	-	-	ND<1	2.4	ND<1	ND<1
RW-8	23-Jan-03	58	4.2	3.2	ND<1	ND<1	ND<1	-	-	ND<1	1.8	0.6	ND<1
RW-8	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
RW-8	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
RW-8	13-May-03	61	3.9	3.6	ND<1	ND<1	ND<1	10.1	0.068	ND<1	1.8	ND<1	3.4
RW-9	23-Sep-02	12	2.9	ND<1	ND<1	ND<1	-	-	-	ND<1	ND<1	ND<1	ND<1
RW-9	23-Sep-02	11	3	3.5	ND<1	ND<1	-	-	-	ND<1	5.3	ND<1	ND<1
RW-9	8-Oct-02	9.2	2.5	3.5	ND<1	ND<1	-	-	-	ND<1	6	1.1	ND<1
RW-9	9-Oct-02	16	3.4	6.6	ND<1	ND<1	-	-	-	ND<1	5.2	ND<1	ND<1
RW-9	26-Nov-02	-	-	-	-	-	-	2.99	1.72	-	-	-	-
RW-9	3-Jan-03	17	2.5	6.9	ND<1	ND<1	ND<1	-	-	ND<1	3.1	ND<1	ND<1
RW-9	23-Jan-03	23	2.8	4.3	ND<1	ND<1	ND<1	-	-	ND<1	2.5	0.6	ND<1
RW-9	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
RW-9	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
RW-9	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

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-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

1,2-DCE: 1,2-Dichloroethene

MTBE: Methyl Tertiary Butyl Ether

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

STATIC WATER-LEVELS AND DRAWDOWN
FOR MONITOR AND RECOVERY WELLS

Well	Static Depth to Water (feet)	Drawdown (feet)*	Simulated Drawdown (feet)***
MW-43A	18.42	-	0.51
MW-43B	18.35	-	0.52
MW-43C	17.98	-	0.35
MW-45A	19.41	-	0.02
MW-46A	7.61	-2.62	0.01
MW-46B	8.10	-2.95	0.01
MW-48A	22.25	-	0
MW-48B	23.05	-	0
MW-49A	8.51	-0.90	0.71
MW-49B	8.71	-0.96	0.68
MW-49C	8.58	-0.97	0.56
MW-50A	5.93	-	0.16
MW-50B	5.51	-	0.16
MW-50C	5.79	-	0.16
RW-1	27.90	3.15	1.28
RW-2	19.80	6.54	1.95
RW-3	7.02	3.12	0.98
RW-4**	14.47	-	1.57
RW-5	20.97	0.67	1.51
RW-6	18.38	18.02	0.96
RW-7	27.00	-0.13	1.05
RW-8	7.50	2.18	1.18
RW-9**	5.50	-	1.34
MW B1	17.71	-13.26	-0.84

*Drawdown for recovery wells approximated using data-logged drawdown.
Drawdown for monitor wells calculated from DTW measured on 6/5/03.

** Sensor malfunction.

***Drawdown based on model simulation.

FIGURES

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

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

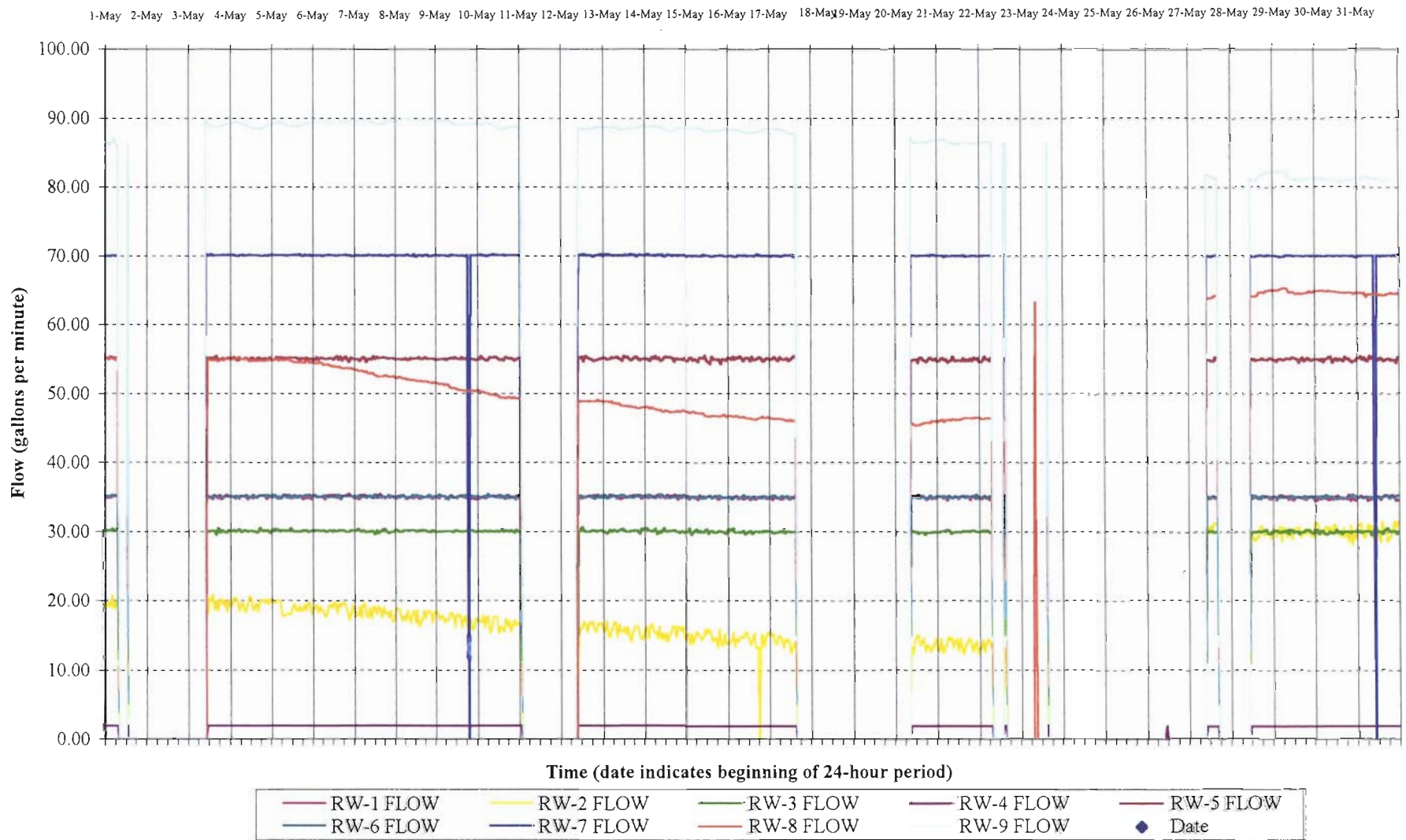


FIGURE 2
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

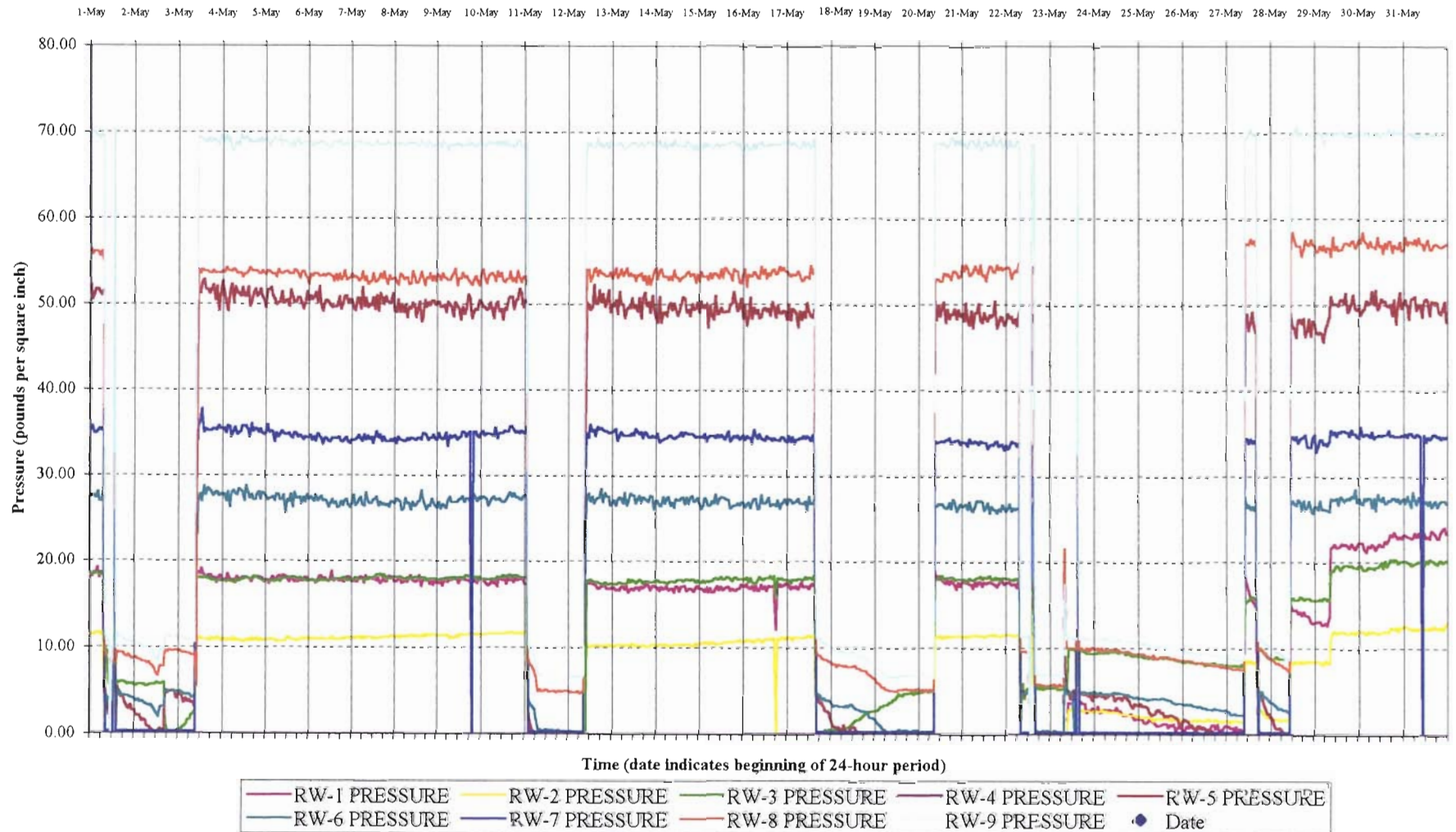


FIGURE 3
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

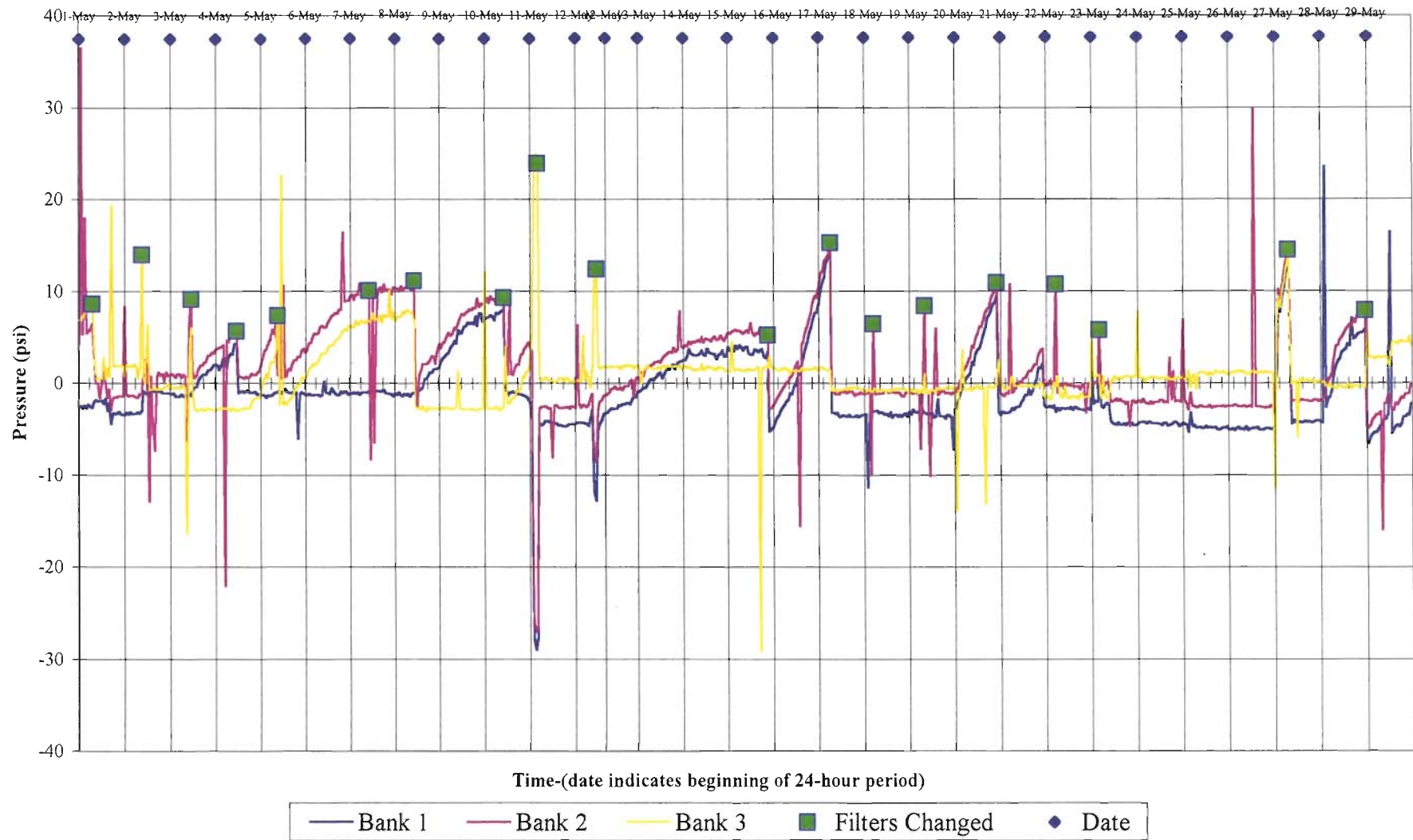
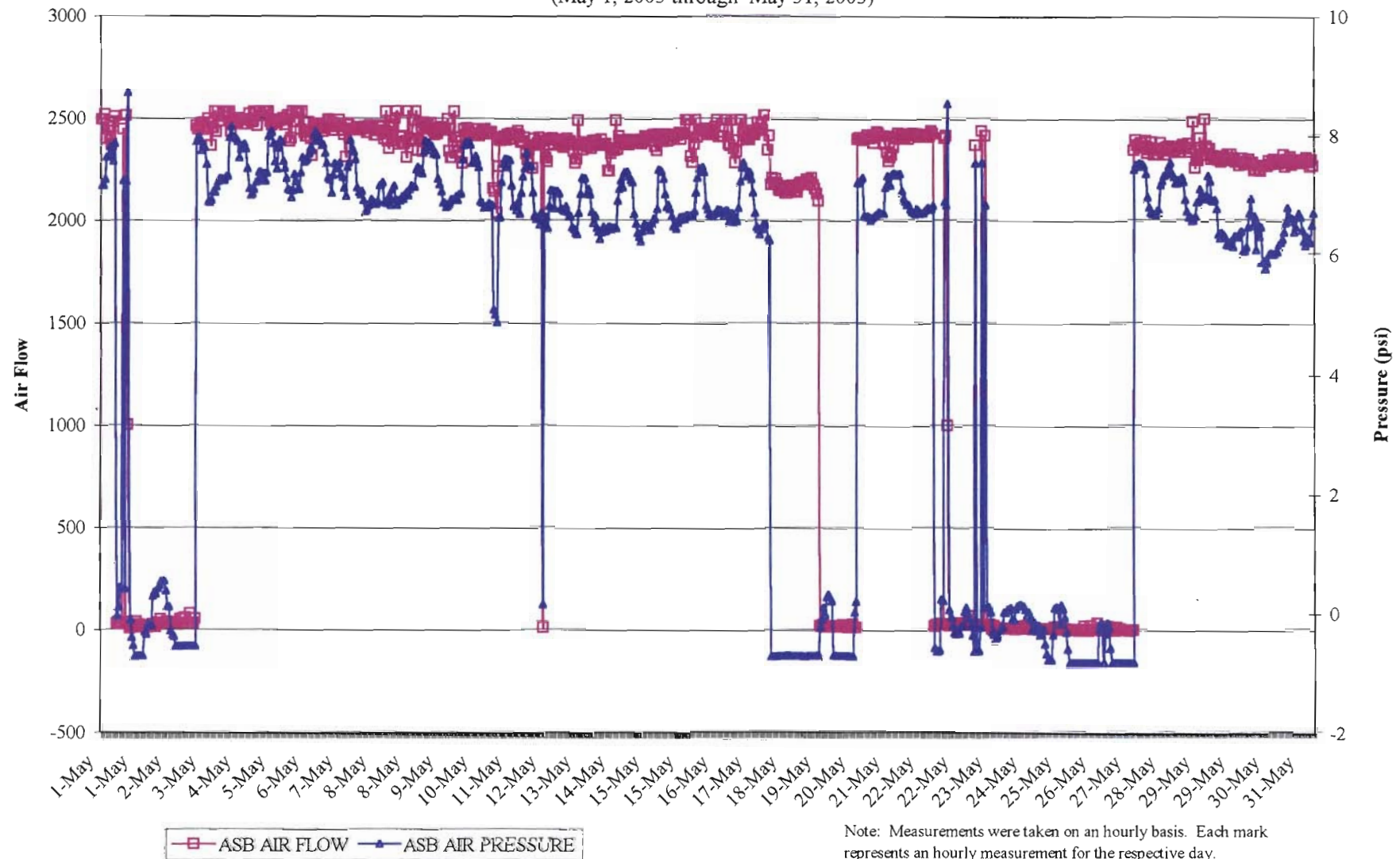


FIGURE 4
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

AIR STRIPPER BLOWER: FLOW AND PRESSURE
(May 1, 2003 through May 31, 2003)



Note: Measurements were taken on an hourly basis. Each mark represents an hourly measurement for the respective day.

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

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

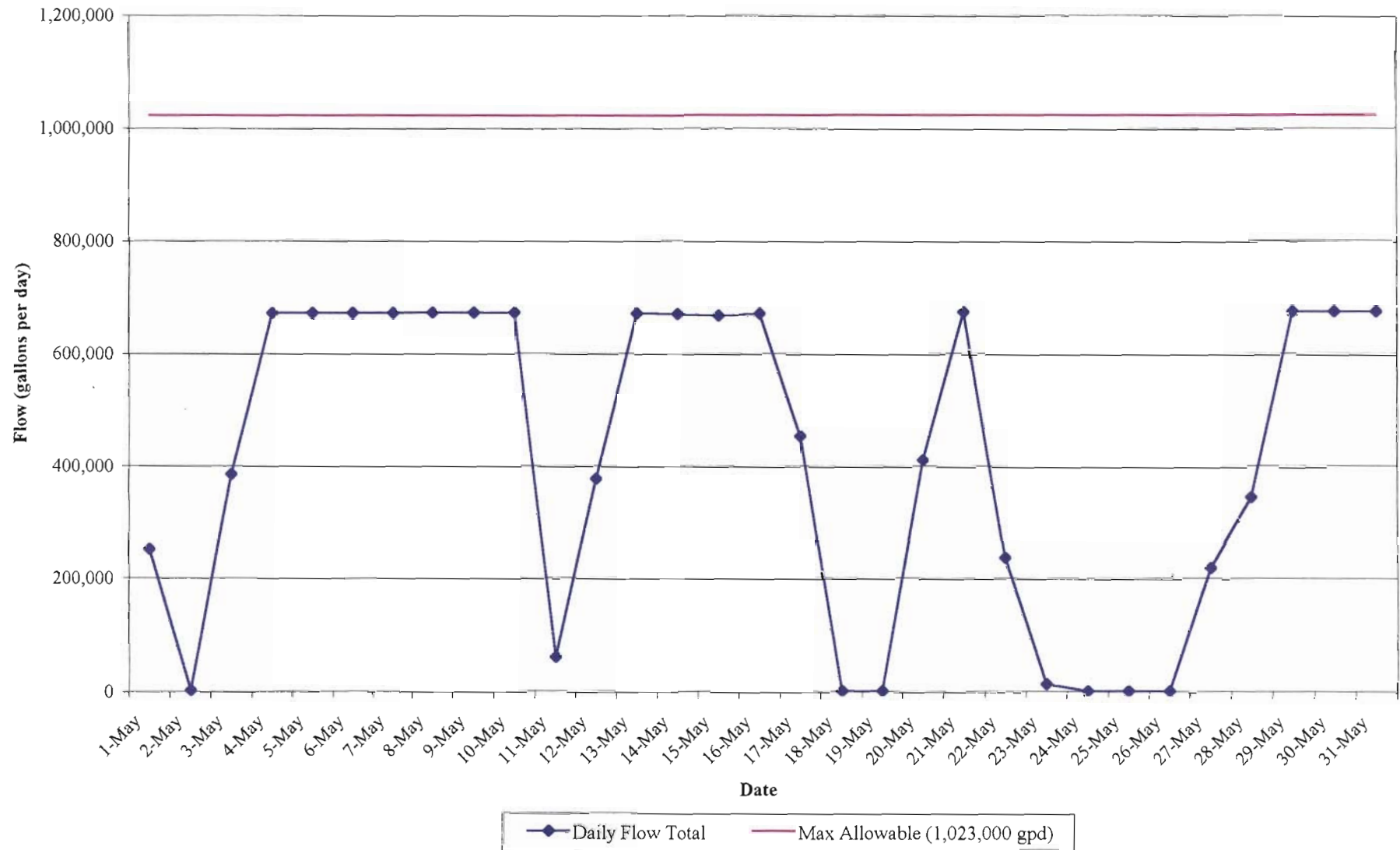


FIGURE 6
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

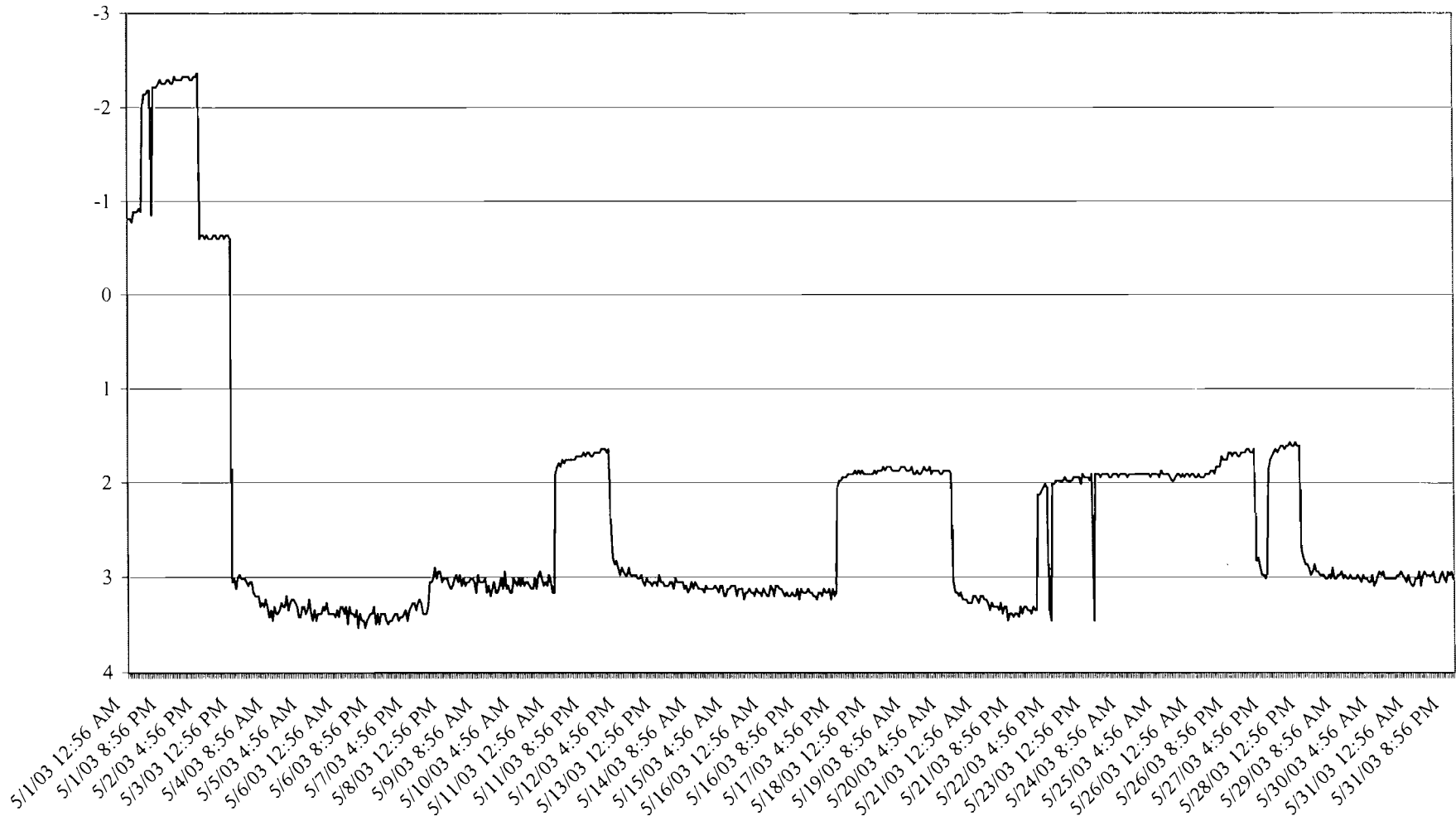


FIGURE 7
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

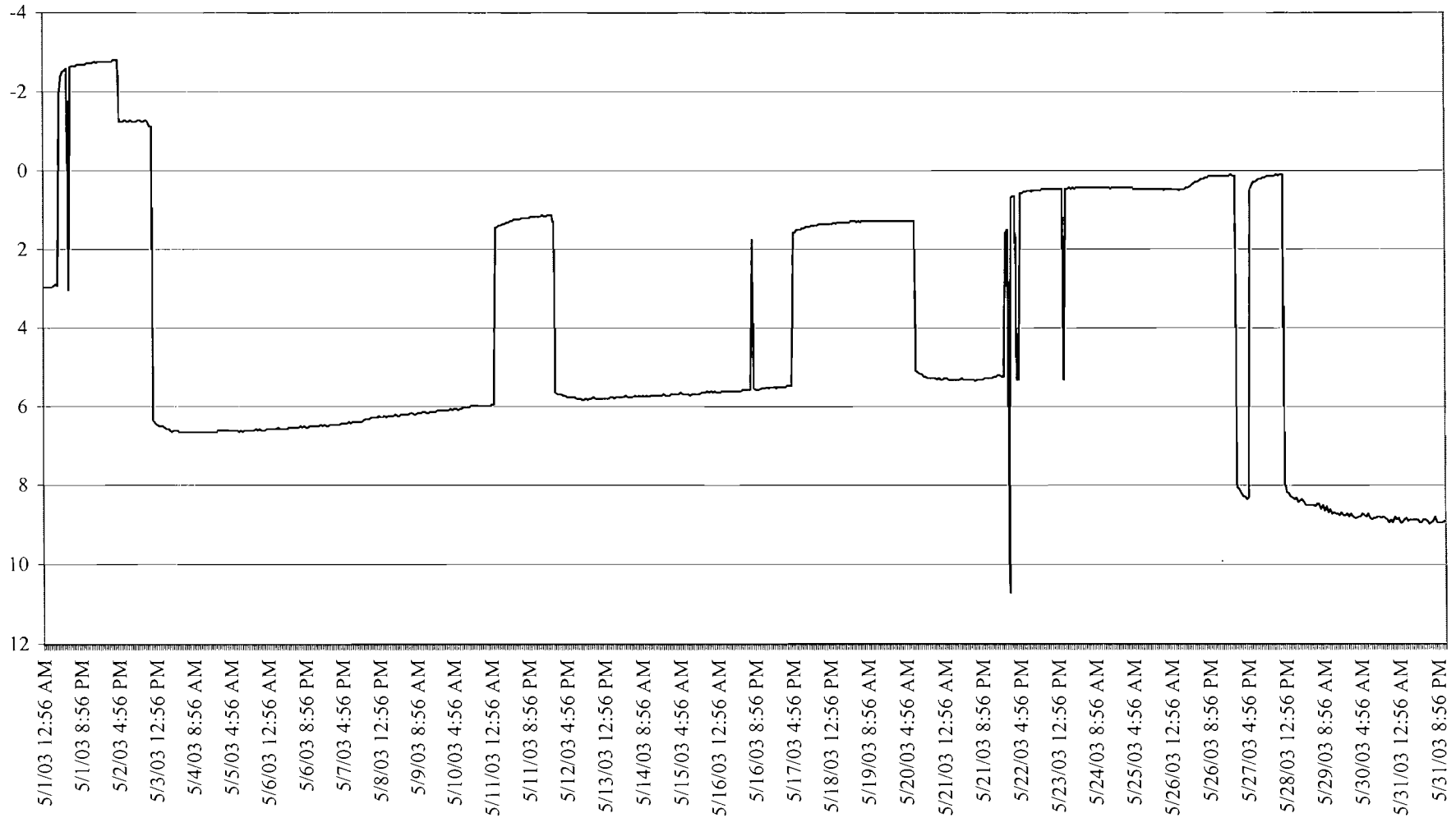


FIGURE 8
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

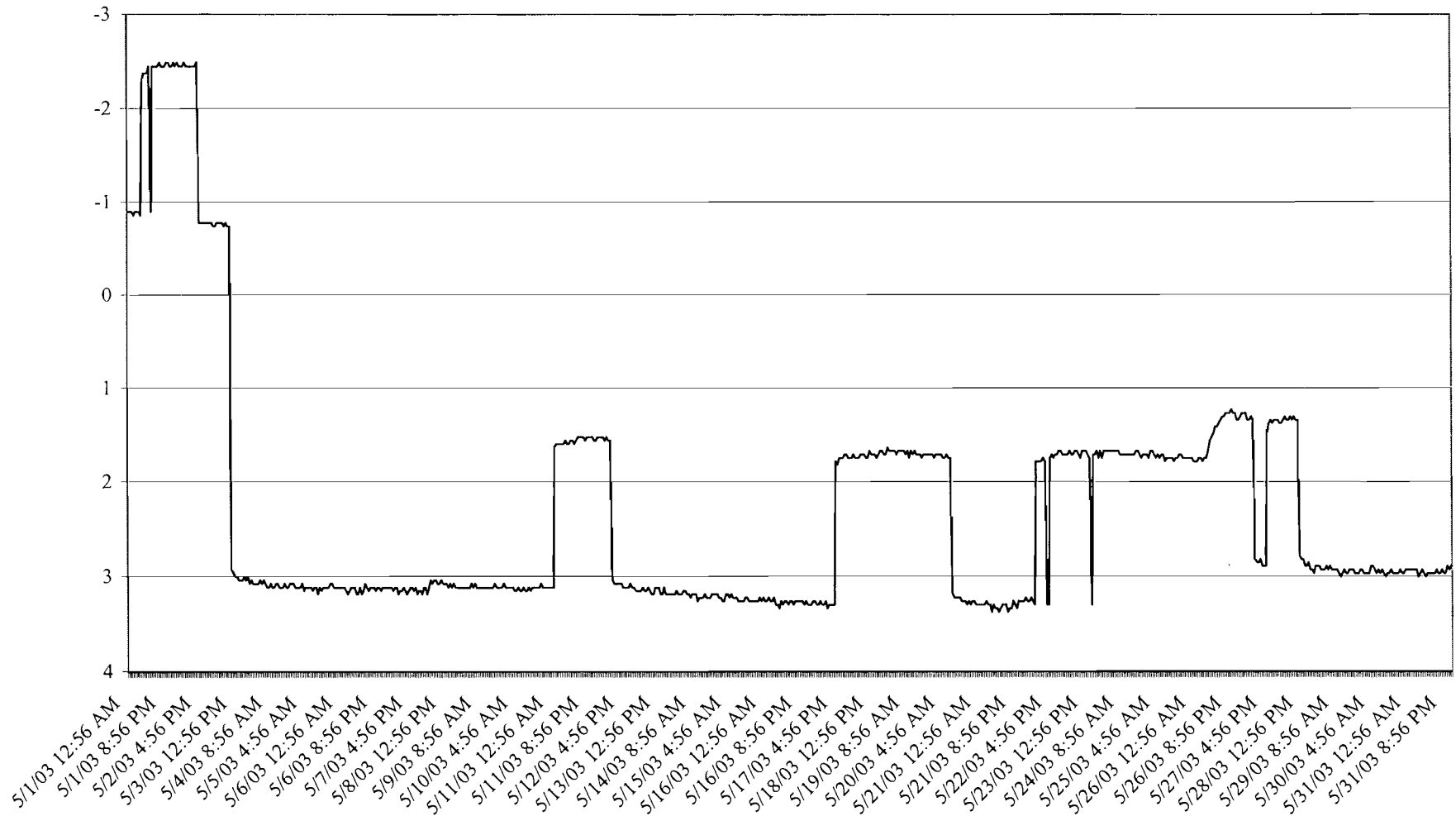


FIGURE 9
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

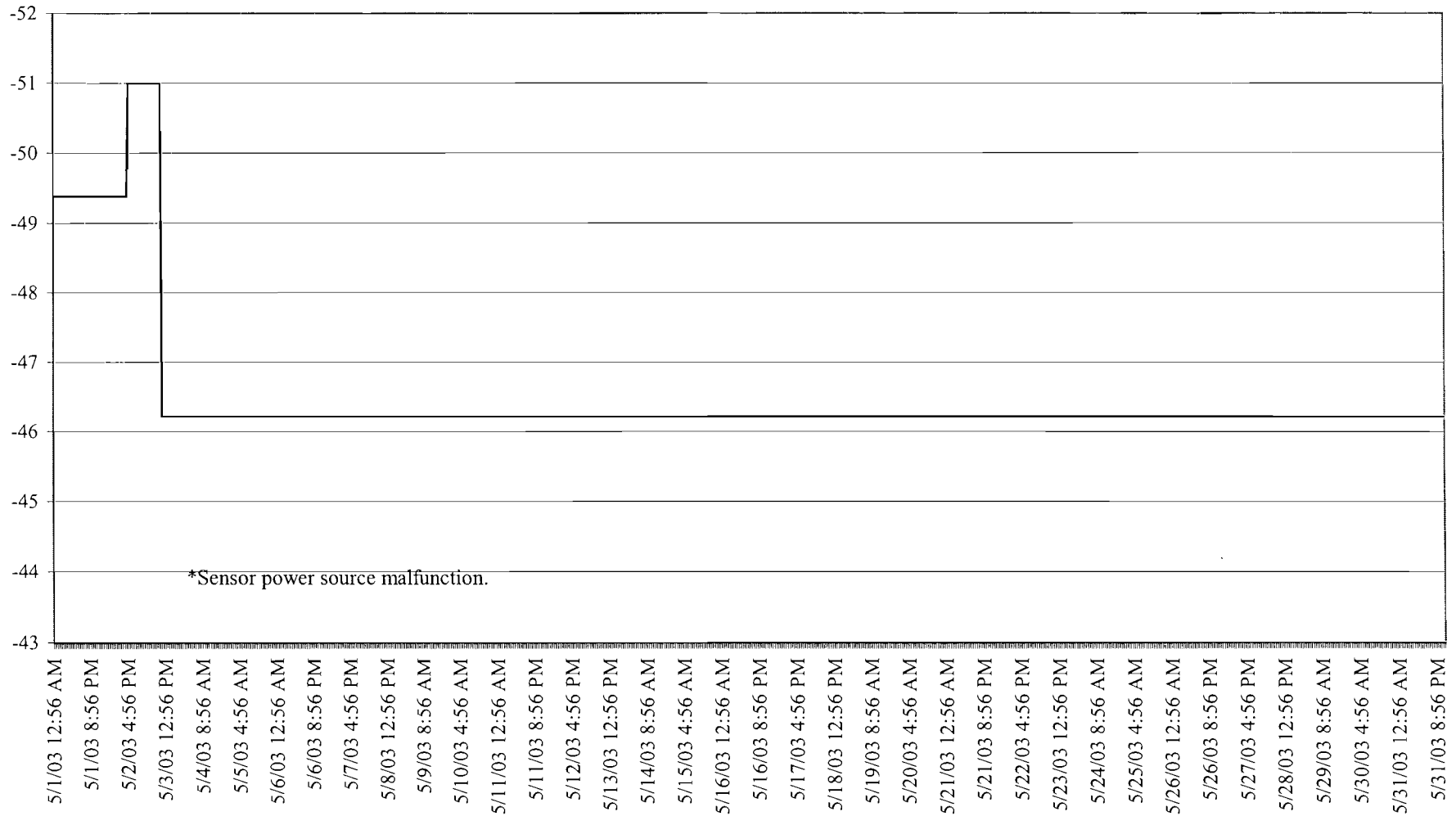


FIGURE 10
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

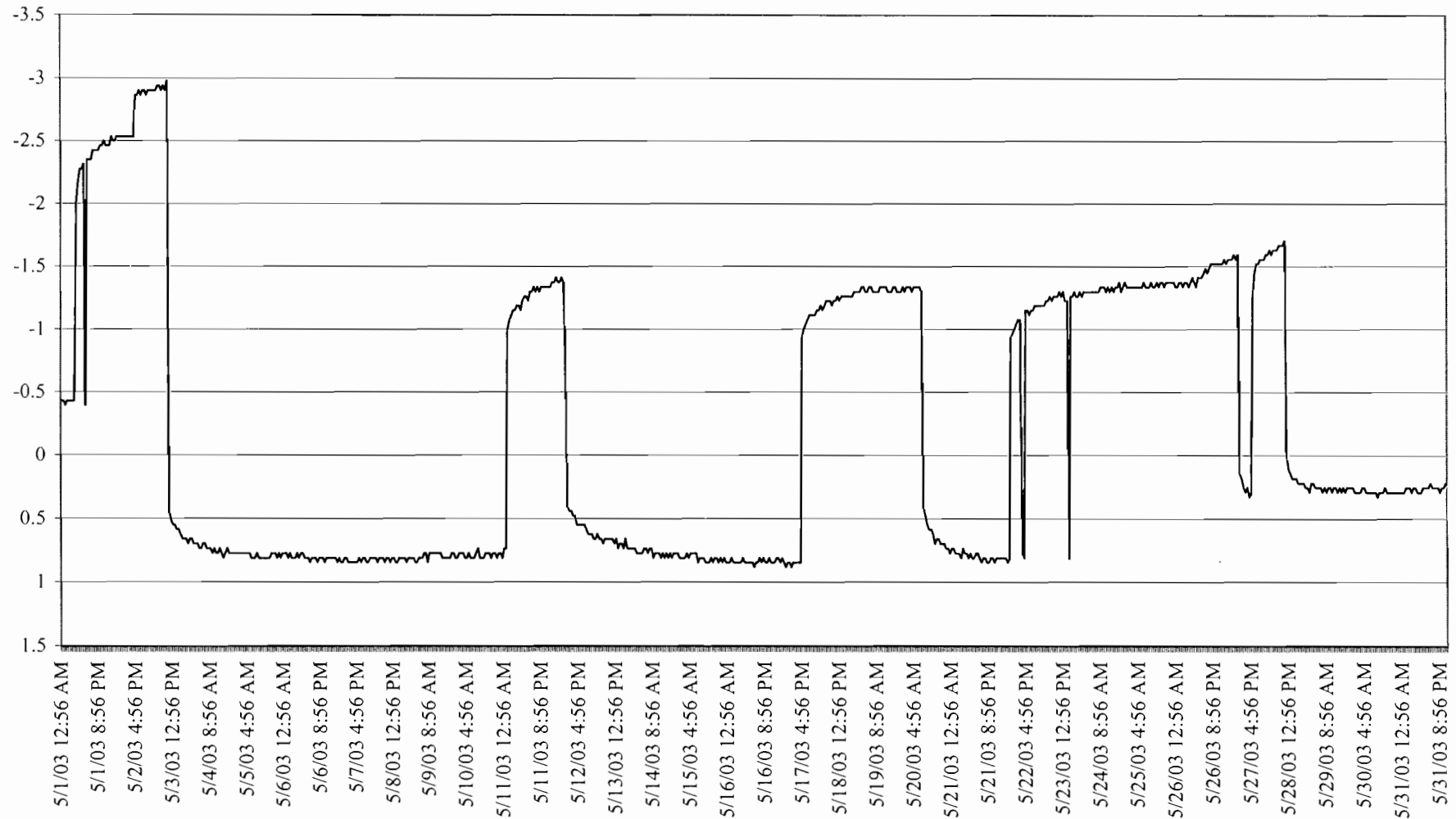


FIGURE 11
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

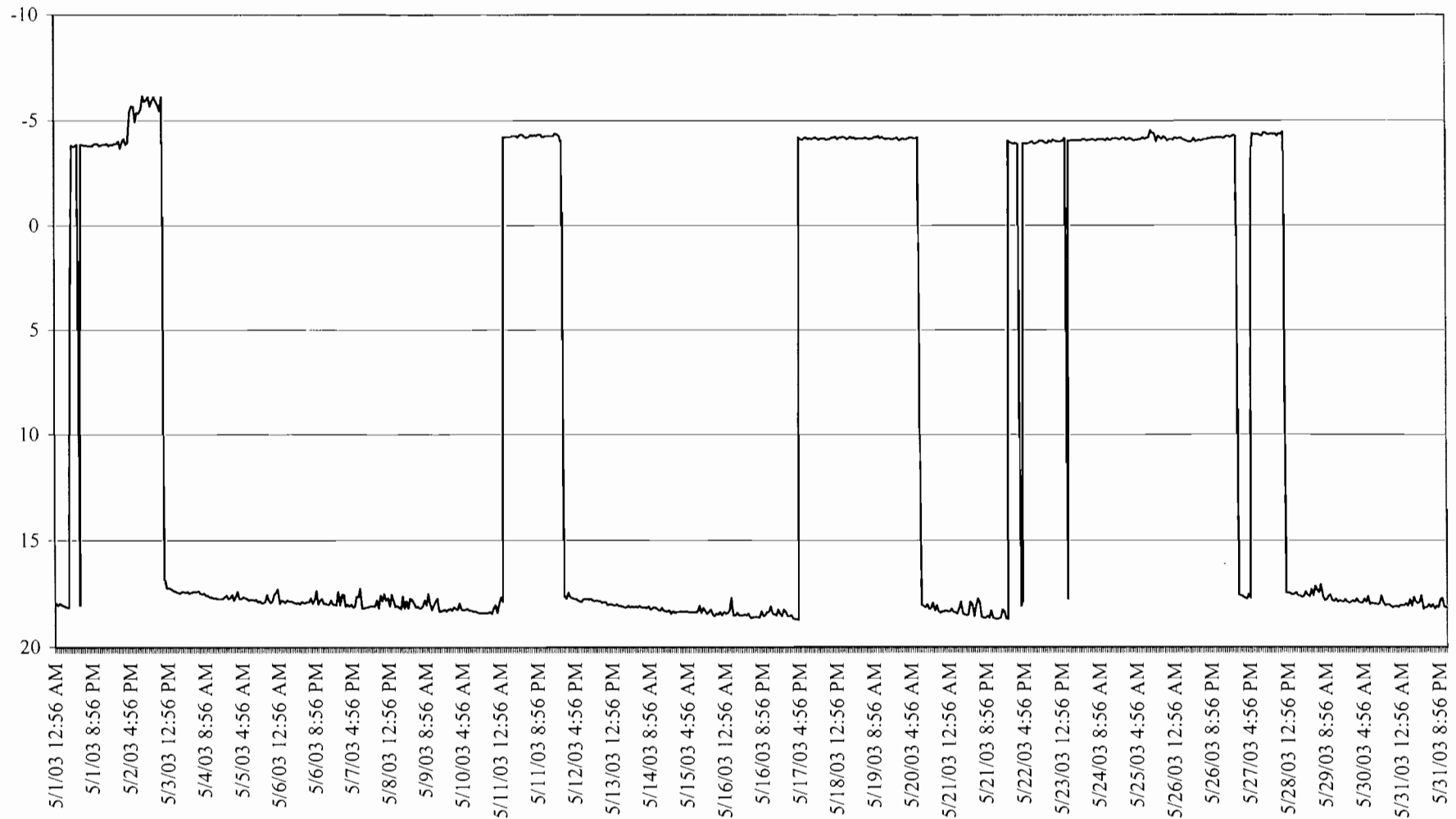


FIGURE 12
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

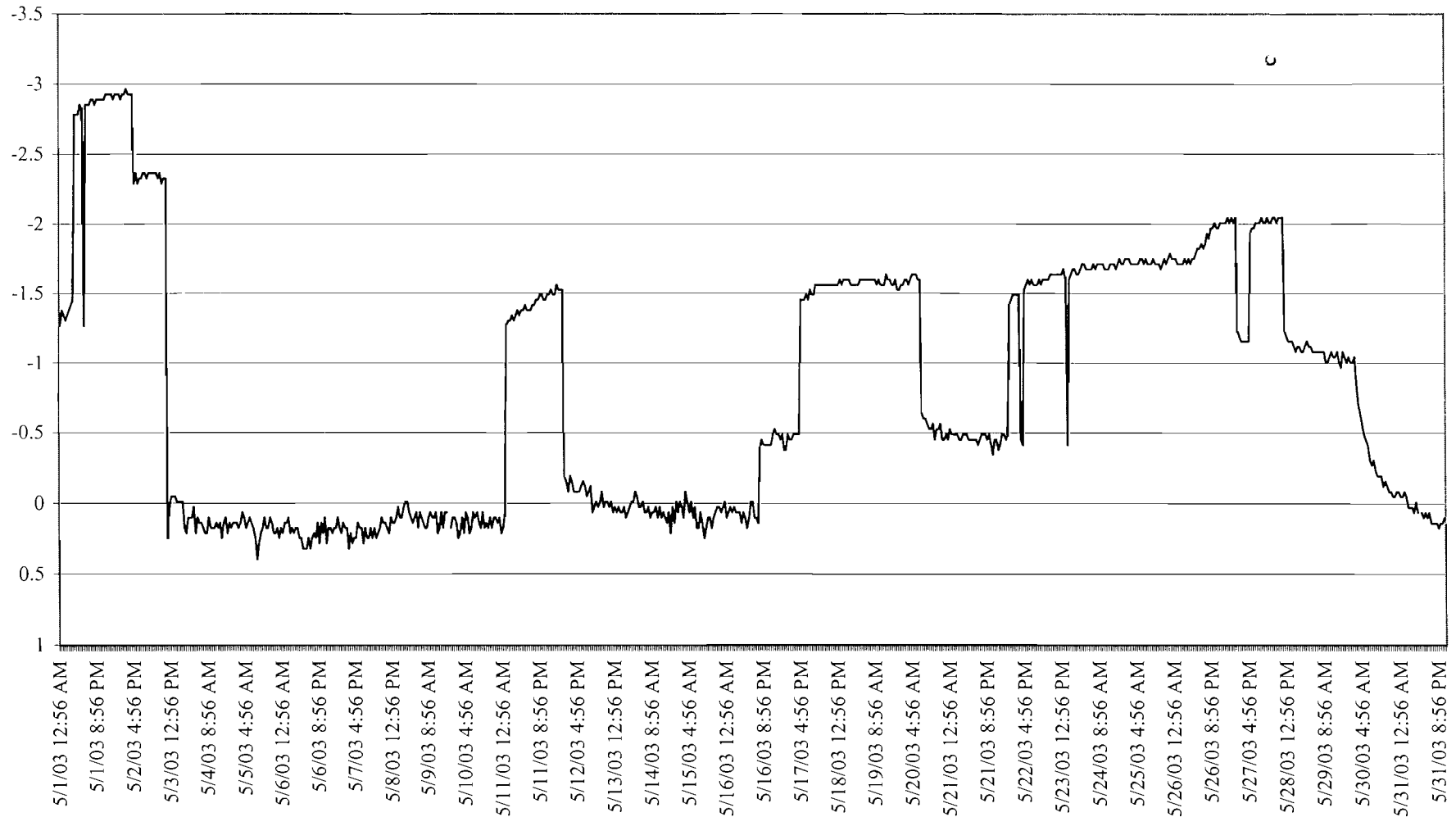


FIGURE 13
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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

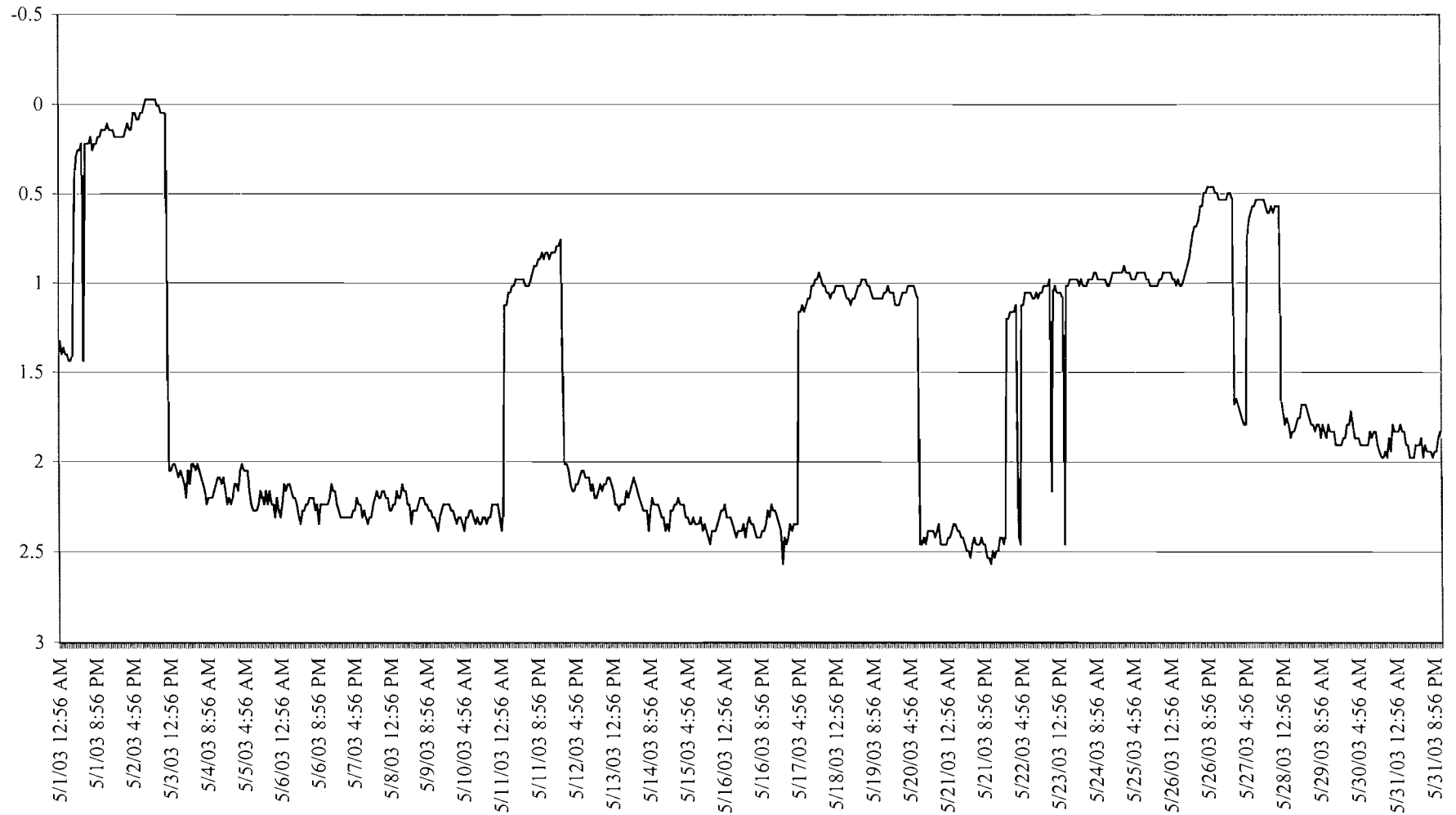
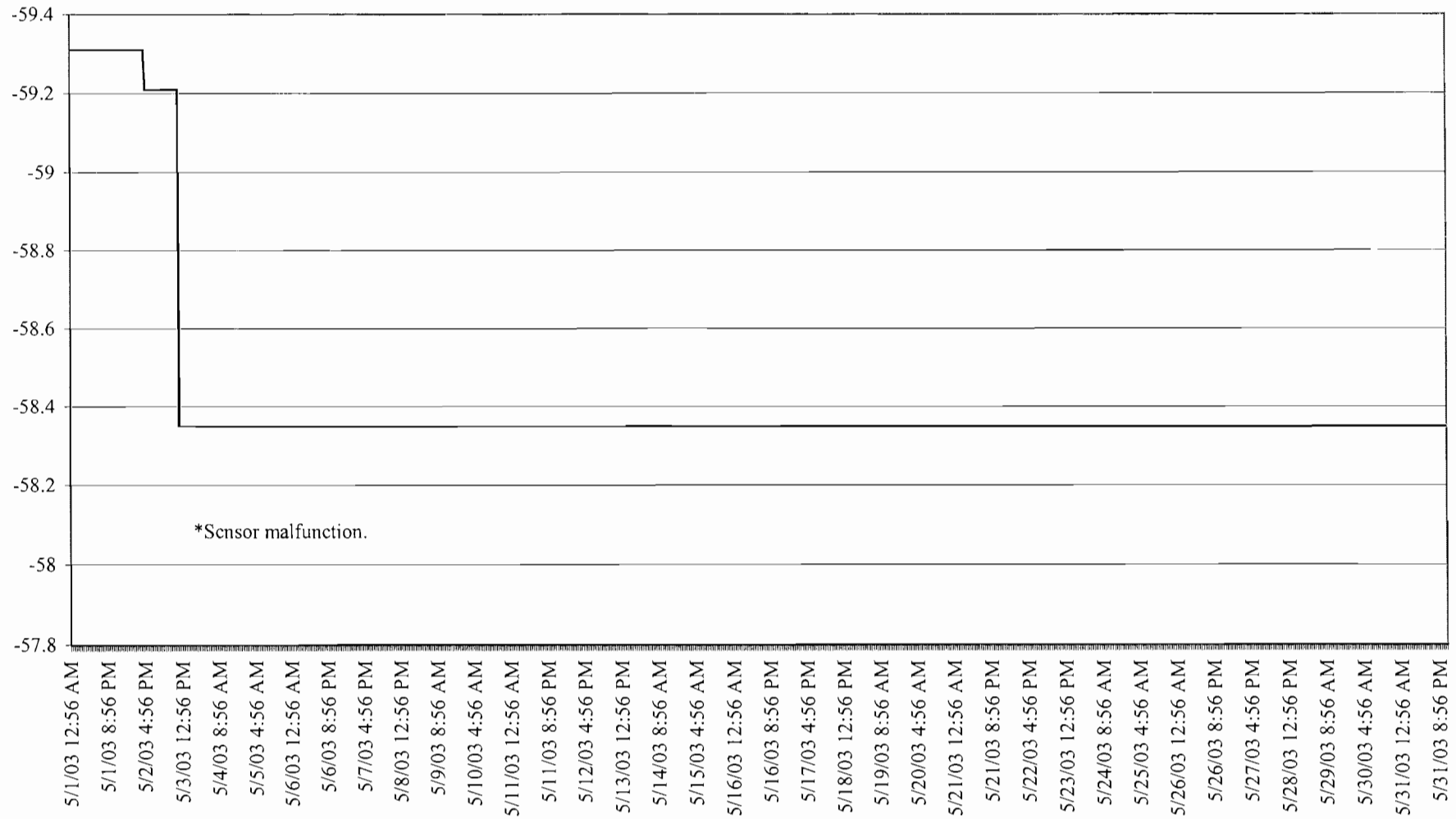


FIGURE 14
GROUND-WATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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



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 Period: 4/28/03 - 5/5/03
Report Generated Sunday - Date: 5/5/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 ^{1/}	RW5	RW6	RW7	RW8	RW9 ^{2/}
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	34.88	17.77	30.08	1.92	55.02	35.04	70.06	54.69	89.28
Motor Speed	rpm	1566.00	1740.00	1479.00	1305.00	1595.00	1711.00	1479.00	1740.00	1740.00
Percent Speed	%	89.96	99.96	84.97	74.97	91.63	98.29	84.97	99.96	99.96
Motor Current	amps	1.60	2.50	1.50	2.40	2.90	2.80	6.10	6.20	9.30
Discharge Pressure	psi	17.79	10.51	17.63	0.00	49.84	27.73	34.87	53.05	68.90
Static Groundwater Elev.	ft - MSL	57.60	41.65	16.11	30.23	43.54	37.63	31.53	17.97	11.40
Groundwater Drawdown	ft	1.51	5.05	1.41	-45.60	1.14	19.30	-0.54	2.26	-58.45

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	1406	1491	1650	1039
Motor Speed	rpm	0.00	1450.00	0.00	1073.00
Percent Speed	%	0.00	83.30	0.00	61.64
Motor Current	amps	0.00	17.70	0.00	15.50
Flow	gpm	417.03		426.53	
Discharge Pressure	psi				
Equalization Tank Level	inches	51.65			
Transfer Tank Level	inches			39.02	
Transfer Tank pH				6.39	
Transfer Tank Conductivity	uS			-75.97	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	15.57	21.41	18.95
Outlet Pressure	psi	16.89	16.41	16.69
Differential Pressure	psi	-1.33	5.81	2.26

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	2530.58	3540.89
Discharge Pressure	in WC	7.98	24.84
Motor Current	amps	8.12	23.57
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	0.00	318.40
Basin Level	inches	0.17	-1.21
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	2.94	

Notes:

- 1/ RW-4 flow and drawdown incorrect due to sensor power supply malfunction.
2/ RW-9 drawdown incorrect due to sensor malfunction.

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

WEEKLY OPERATIONS REPORT

Report Period: 5/5/03 - 5/12/03
Report Generated Sunday - Date: 5/12/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 ^{1/}	RW5	RW6	RW7	RW8	RW9 ^{2/}
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	0.26	0.02	0.10	0.00	0.18	0.26	0.26	4.66	6.42
Static Groundwater Elev.	ft - MSL	57.60	41.65	16.11	30.23	43.54	37.63	31.53	17.97	11.40
Groundwater Drawdown	ft	-0.09	-0.43	-0.15	-45.60	-1.04	-2.83	-2.17	0.93	-58.45

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	1406	1631	1650	1178
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	29.58			
Transfer Tank Level	inches			38.53	
Transfer Tank pH				6.21	
Transfer Tank Conductivity	uS			-4870.94	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	13.13	11.96	12.60
Outlet Pressure	psi	17.68	15.02	12.27
Differential Pressure	psi	-4.55	-3.06	0.32

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	2408.34	3386.45
Discharge Pressure	in WC	6.49	23.43
Motor Current	amps	7.85	22.77
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	0.00	6.44
Basin Level	inches	-0.02	0.53
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	0.69	

Notes:

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

2/ RW-9 drawdown incorrect due to sensor malfunction.

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

WEEKLY OPERATIONS REPORT

Report Period:
Report Generated Sunday - Date:

5/12/03 - 5/19/03
5/19/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 ^{1/}	RW5	RW6	RW7	RW8	RW9 ^{2/}
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	0.18	0.10	3.30	0.00	0.10	0.26	0.26	5.06	6.58
Static Groundwater Elev.	ft - MSL	57.60	41.65	16.11	30.23	43.54	37.63	31.53	17.97	11.40
Groundwater Drawdown	ft	0.10	-0.28	-0.04	-45.60	-0.97	-2.57	-2.24	1.11	-58.45

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	1407	1756	1650	1304
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	29.62			
Transfer Tank Level	inches			42.73	
Transfer Tank pH				6.25	
Transfer Tank Conductivity	uS			-2995.33	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	12.20	12.68	12.53
Outlet Pressure	psi	15.62	14.15	13.10
Differential Pressure	psi	-3.43	-1.47	-0.57

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	2170.09	3072.82
Discharge Pressure	in WC	-0.73	18.93
Motor Current	amps	4.67	21.17
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	0.00	6.39
Basin Level	inches	-0.02	-3.13
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	0.34	

Notes:

- 1/ RW-4 flow and drawdown incorrect due to sensor power supply malfunction.
2/ RW-9 drawdown incorrect due to sensor malfunction.

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

WEEKLY OPERATIONS REPORT

Report Period:
Report Generated Sunday - Date:

5/19/03 - 5/26/03
5/26/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 ^{1/}	RW5	RW6	RW7	RW8	RW9 ^{2/}
Well Status	Dilution/ Conc.	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution	Dilution
Pump Control Mode	Hand/Off/Auto	Off	Off	Off	Off	Off	Off	Off	Off	Off
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	0.74	1.69	8.26	0.00	0.74	3.22	0.18	8.26	9.23
Static Groundwater Elev.	ft - MSL	57.60	41.65	16.11	30.23	43.54	37.63	31.53	17.97	11.40
Groundwater Drawdown	ft	0.18	-1.09	0.04	-45.60	-1.04	-2.54	-2.39	1.11	-58.45

Transfer Pumps					
Process Value	Units	TP 1A	TP 1B	TP 2A	TP2B
Pump Control Mode	Hand/Off/Auto	Off	Off	Off	Off
Pump Status	on/off	Off	Off	Off	Off
Run Time	hours	1407	1805	1650	1351
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	16.48			
Transfer Tank Level	inches			42.73	
Transfer Tank pH				6.12	
Transfer Tank Conductivity	uS			-5687.11	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	10.69	11.31	12.31
Outlet Pressure	psi	15.65	14.00	10.99
Differential Pressure	psi	-4.96	-2.69	1.32

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Off	Off
Air Flow	scfm	-8.20	-22.34
Discharge Pressure	in WC	-0.86	-1.79
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	0.00	0.00
Basin Level	inches	0.01	0.62
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	0.05	

Notes:

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

2/ RW-9 drawdown incorrect due to sensor malfunction.

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

WEEKLY OPERATIONS REPORT

Report Period:
Report Generated Sunday - Date:

5/26/03 - 6/2/03
6/2/03 6:56 AM

Recovery Wells										
Process Value	Units	RW1	RW2	RW3	RW4 ^{1/}	RW5	RW6	RW7	RW8	RW9 ^{2/}
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	34.99	28.83	29.81	1.92	54.86	34.88	70.11	64.62	80.57
Motor Speed	rpm	1624.00	1392.00	1537.00	1305.00	1595.00	1711.00	1508.00	1740.00	1740.00
Percent Speed	%	93.30	79.97	88.30	74.97	91.63	98.29	86.63	99.96	99.96
Motor Current	amps	1.70	2.30	1.50	2.40	2.70	2.70	5.70	6.10	9.10
Discharge Pressure	psi	23.73	12.59	19.97	0.00	49.36	27.09	34.38	56.09	69.86
Static Groundwater Elev.	ft - MSL	57.60	41.65	16.11	30.23	43.54	37.63	31.53	17.97	11.40
Groundwater Drawdown	ft	1.03	7.27	1.18	-45.60	0.51	19.82	-0.54	2.15	-58.45

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	1407	1928	1650	1474
Motor Speed	rpm	0.00	1595.00	0.00	1073.00
Percent Speed	%	0.00	91.63	0.00	61.64
Motor Current	amps	0.00	17.80	0.00	15.70
Flow	gpm	377.78		379.54	
Discharge Pressure	psi				
Equalization Tank Level	inches	62.60			
Transfer Tank Level	inches			39.02	
Transfer Tank pH				5.90	
Transfer Tank Conductivity	uS			-10764.58	

Multi - Bag Filters				
Process Value	Units	Filter 1	Filter 2	Filter 3
Inlet Pressure	psi	20.33	20.57	10.64
Outlet Pressure	psi	16.96	16.18	6.80
Differential Pressure	psi	3.37	4.38	3.84

Air Stripper Blowers			
Process Value	Units	AS. Blower	Booster B.
Blower Control Mode	Hand/Off/Auto	Auto	Auto
Air Flow	scfm	2243.95	3445.53
Discharge Pressure	in WC	6.36	20.57
Motor Current	amps	7.83	22.38
Valve EBV-1 Position	% open	Open	
Valve EBV-2 Position	% open	Open	

Recharge Basins			
Process Value	Units	Primary	Secondary
Basin Flow	gpm	0.00	409.57
Basin Level	inches	-0.36	16.95
Static Groundwater Elev.	ft - MSL		
Groundwater Mounding	ft	3.58	

Notes:

- 1/ RW-4 flow and drawdown incorrect due to sensor power supply malfunction.
2/ RW-9 drawdown incorrect due to sensor malfunction.

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: Laura R. Zima

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 - 4/23/03	1069	37.6	30.6	1.1	0	1.5	0
5/3/03	69	0	0	0	0	0	0
5/6/03	59	2.2	2	0	0	0	0
5/13/03	110	2.8	2.8	0	0	0	0
5/30/03	71	0	1.5	0	0	0	0

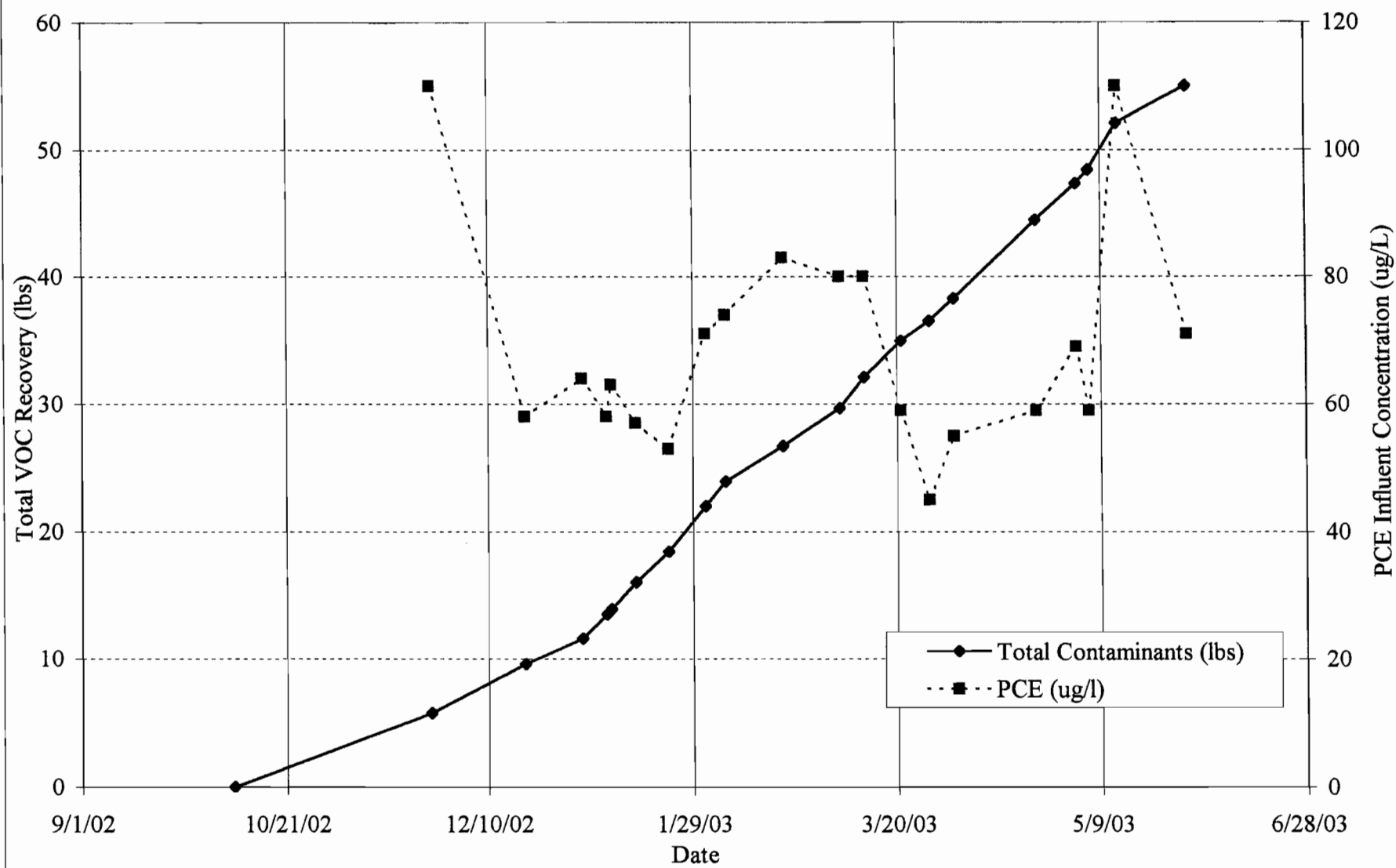
CALCULATION:

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 - 4/23/03	75,305,840	41.8	1.4	1.1	0.05	0	0.04	0	44.4	44.4
5/3/03	5,079,460	2.9	0.0	0	0	0	0	0	2.9	47.4
5/6/03	2,015,000	1.0	0.0	0.0	0	0	0	0	1.1	48.4
5/13/03	3,792,790	3.5	0.1	0.1	0	0	0	0	3.7	52.1
5/30/03	4,842,470	2.9	0.0	0.1	0	0	0	0	2.9	55.0
Totals:	91,035,560	52.0	1.6	1.3	0.05	0	0.04	0	55.0	-

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



APPENDIX III:
MAY 2003 LABORATORY ANALYTICAL REPORTS

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-01A

Client Sample ID: WQ050303:1215 NP2-10
Tag Number:
Collection Date: 5/3/2003
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	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2,4-Trimethylbenzene	8.6	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,3,5-Trimethylbenzene	5.1	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-01A

Client Sample ID: WQ050303:1215 NP2-10
Tag Number:
Collection Date: 5/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Ethylbenzene	0.9	1.0	J	µg/L	1	5/8/2003 3:11:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
m,p-Xylene	8.9	2.0		µg/L	1	5/8/2003 3:11:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
o-Xylene	3.4	1.0		µg/L	1	5/8/2003 3:11:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Toluene	2.8	1.0		µg/L	1	5/8/2003 3:11:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/8/2003 3:11:00 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:** 13-May-03**CLIENT:** Legette Brashears & Graham Inc.**Client Sample ID:** WQ050303:1215 NP2-10**Lab Order:** 0305025**Tag Number:****Project:** Rowe Industries**Collection Date:** 5/3/2003**Lab ID:** 0305025-01B**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7				Analyst: KK
Iron	5.75	0.0200		mg/L	1	5/12/2003 4:07:27 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-01C

Client Sample ID: WQ050303:1215 NP2-10
Tag Number:
Collection Date: 5/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7				Analyst: KK
Iron	0.0808	0.0200		mg/L	1	5/12/2003 4:30:17 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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-01D

Client Sample ID: WQ050303:1215 NP2-10
Tag Number:
Collection Date: 5/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	72	0		mg/L	1	5/7/2003

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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-02A

Client Sample ID: WQ050303:1212 NP2-7
Tag Number:
Collection Date: 5/3/2003
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	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 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

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050303:1212 NP2-7

Lab Order: 0305025

Tag Number:

Project: Rowe Industries

Collection Date: 5/3/2003

Lab ID: 0305025-02A

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/8/2003 3:49:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/8/2003 3:49:00 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

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** WQ050303:1212 NP2-7**Lab Order:** 0305025**Tag Number:****Project:** Rowe Industries**Collection Date:** 5/3/2003**Lab ID:** 0305025-02B**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7				Analyst: KK
Iron	13.6	0.0200		mg/L	1	5/12/2003 4:10:39 PM

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

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

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050303:1212 NP2-7

Lab Order: 0305025

Tag Number:

Project: Rowe Industries

Collection Date: 5/3/2003

Lab ID: 0305025-02C

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON			E200.7			Analyst: KK
Iron	< 0.0200	0.0200		mg/L	1	5/12/2003 4:24:04 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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-03A

Client Sample ID: WQ050303:1210 NP2-6
Tag Number:
Collection Date: 5/3/2003
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	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 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

American Analytical Laboratories, Inc.

Date: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
 Lab Order: 0305025
 Project: Rowe Industries
 Lab ID: 0305025-03A

Client Sample ID: WQ050303:1210 NP2-6
 Tag Number:
 Collection Date: 5/3/2003
 Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/12/2003 1:49:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Tetrachloroethene	69	1.0	B	µg/L	1	5/12/2003 1:49:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/12/2003 1:49:00 PM

Method Blank concentration = 2.5 µg/L (within acceptance limits)
 therefore sample concentration of 69 µg/L must be considered real.

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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-03B

Client Sample ID: WQ050303:1210 NP2-6
Tag Number:
Collection Date: 5/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON			E200.7			Analyst: KK
Iron	13.4	0.0200		mg/L	1	5/12/2003 4:13:48 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: 13-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305025
Project: Rowe Industries
Lab ID: 0305025-03C

Client Sample ID: WQ050303:1210 NP2-6
Tag Number:
Collection Date: 5/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON			E200.7			Analyst: KK
Iron	< 0.0200	0.0200		mg/L	1	5/12/2003 4:27:06 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-01A

Client Sample ID: WQ050603935NP2-7

Tag Number:

Collection Date: 5/6/2003

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	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-01A

Client Sample ID: WQ050603935NP2-7
Tag Number:
Collection Date: 5/6/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 12:47:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Methylene chloride	5.4	1.0	B	µg/L	1	5/16/2003 12:47:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 12:47:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-01B

Client Sample ID: WQ050603935NP2-7
Tag Number:
Collection Date: 5/6/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	1.19	0.0200		mg/L	1	5/22/2003 12:58:11 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050603935NP2-7

Lab Order: 0305062

Tag Number:

Project: Rowe Industries

Collection Date: 5/6/2003

Lab ID: 0305062-01C

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.0564	0.0200		mg/L	1	5/22/2003 12:55:57 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-02A

Client Sample ID: WQ050603930NP2-10
Tag Number:
Collection Date: 5/6/2003
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	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-02A

Client Sample ID: WQ050603930NP2-10
Tag Number:
Collection Date: 5/6/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 1:25:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Methylene chloride	5.9	1.0	B	µg/L	1	5/16/2003 1:25:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Tetrachloroethene	13	1.0		µg/L	1	5/16/2003 1:25:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 1:25:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050603930NP2-10

Lab Order: 0305062

Tag Number:

Project: Rowe Industries

Collection Date: 5/6/2003

Lab ID: 0305062-02B

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	1.26	0.0200		mg/L	1	5/22/2003 1:02:59 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050603930NP2-10

Lab Order: 0305062

Tag Number:

Project: Rowe Industries

Collection Date: 5/6/2003

Lab ID: 0305062-02C

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.0612	0.0200		mg/L	1	5/22/2003 1:00:27 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	99	0	H	mg/L	1	5/16/2003

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-03A

Client Sample ID: WQ050603930NP2-6
Tag Number:
Collection Date: 5/6/2003
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	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1,1-Trichloroethane	2.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-03A

Client Sample ID: WQ050603930NP2-6
Tag Number:
Collection Date: 5/6/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 2:03:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Methylene chloride	6.6	1.0	B	µg/L	1	5/16/2003 2:03:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Tetrachloroethene	59	1.0		µg/L	1	5/16/2003 2:03:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Trichloroethene	2.2	1.0		µg/L	1	5/16/2003 2:03:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 2:03:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305062
Project: Rowe Industries
Lab ID: 0305062-03B

Client Sample ID: WQ050603930NP2-6
Tag Number:
Collection Date: 5/6/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	3.40	0.0200		mg/L	1	5/22/2003 1:13:43 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ050603930NP2-6

Lab Order: 0305062

Tag Number:

Project: Rowe Industries

Collection Date: 5/6/2003

Lab ID: 0305062-03C

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.016	0.0200	J	mg/L	1	5/22/2003 1:09:53 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-01A

Client Sample ID: WQ051303115NP2-6
Tag Number:
Collection Date: 5/13/2003
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	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1,1-Trichloroethane	2.8	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-01A

Client Sample ID: WQ051303115NP2-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 9:35:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Methylene chloride	8.3	1.0	B	µg/L	1	5/16/2003 9:35:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Tetrachloroethene	110	1.0		µg/L	1	5/16/2003 9:35:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Trichloroethene	2.8	1.0		µg/L	1	5/16/2003 9:35:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 9:35:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ051303115NP2-6

Lab Order: 0305061

Tag Number:

Project: Rowe Industries

Collection Date: 5/13/2003

Lab ID: 0305061-01B

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	2.16	0.0200		mg/L	1	5/22/2003 12:42:11 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-01C

Client Sample ID: WQ051303115NP2-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7				Analyst: JP
Iron	0.0355	0.0200		mg/L	1	5/22/2003 12:40:08 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-02A

Client Sample ID: WQ0513031120NP2-10
Tag Number:
Collection Date: 5/13/2003
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	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:13:00 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

Date: 23-May-03

Client Sample ID: WQ0513031120NP2-10
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

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

Page 6

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ0513031120NP2-10

Lab Order: 0305061

Tag Number:

Project: Rowe Industries

Collection Date: 5/13/2003

Lab ID: 0305061-02B

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	0.920	0.0200		mg/L	1	5/22/2003 12:47:58 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-02C

Client Sample ID: WQ0513031120NP2-10
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7				Analyst: JP
Iron	0.0665	0.0200		mg/L	1	5/22/2003 12:44:47 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	52	0		mg/L	1	5/16/2003

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-03A

Client Sample ID: WQ0513031130NP2-7
Tag Number:
Collection Date: 5/13/2003
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	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
2-Butanone	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
2-Hexanone	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Acetone	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-03A

Client Sample ID: WQ0513031130NP2-7
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B				Analyst: LDS
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 10:52:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Methylene chloride	7.7	1.0	B	µg/L	1	5/16/2003 10:52:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Tetrachloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Trichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 10:52:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-03B

Client Sample ID: WQ0513031130NP2-7
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	1.25	0.0200		mg/L	1	5/22/2003 12:53:33 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305061
Project: Rowe Industries
Lab ID: 0305061-03C

Client Sample ID: WQ0513031130NP2-7
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7				Analyst: JP
Iron	0.126	0.0200		mg/L	1	5/22/2003 12:50:04 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-01A

Client Sample ID: GWQ0513039191-1
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Chloroform	1.8	1.0		µg/L	1	5/16/2003 11:04:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-01A

Client Sample ID: GWQ0513039191-1
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 11:04:00 PM
Methyl tert-butyl ether	8.7	1.0		µg/L	1	5/16/2003 11:04:00 PM
Methylene chloride	3.6	1.0	B	µg/L	1	5/16/2003 11:04:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 11:04:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-01B

Client Sample ID: GWQ0513039191-1
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	0.0510	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 5/22/2003
MANGANESE, TOTAL Manganese	0.199	E200.7 0.0200		mg/L	1	Analyst: JP 5/22/2003 1:18:10 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-01C

Client Sample ID: GWQ0513039191-1**Tag Number:****Collection Date:** 5/13/2003**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	< 0.0200	0.0200		mg/L	1	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO ₃)	41.0	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	0.171	0.0200		mg/L	1	5/22/2003 1:15:59 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	120	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	< 1.00	1.00		NTU	1	5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-02A

Client Sample ID: GWQ0513039301-1-2
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Benzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Bromoform	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Chloroform	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-02A

Client Sample ID: GWQ0513039301-1-2
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/16/2003 11:43:00 PM
Methyl tert-butyl ether	3.8	1.0		µg/L	1	5/16/2003 11:43:00 PM
Methylene chloride	3.7	1.0	B	µg/L	1	5/16/2003 11:43:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Styrene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Tetrachloroethene	21	1.0		µg/L	1	5/16/2003 11:43:00 PM
Toluene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Trichloroethene	2.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/16/2003 11:43:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-02B

Client Sample ID: GWQ0513039301-1-2
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	5.51	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	1.61	0.0200		mg/L	1	5/22/2003 1:23:35 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-02C

Client Sample ID: GWQ0513039301-1-2
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	0.0520	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 5/22/2003
HARDNESS Hardness, Calcium/Magnesium (As CaCO ₃)	47.0	M2340 B 10.0		mg/L	1	Analyst: JP 5/22/2003
MANGANESE, DISSOLVED Manganese	1.58	E200.7 0.0200		mg/L	1	Analyst: JP 5/22/2003 1:20:39 PM
TOTAL DISSOLVED SOLIDS Total Dissolved Solids (Residue, Filterable)	100	E160.1 0		mg/L	1	Analyst: BK 5/16/2003
TURBIDITY Turbidity	< 1.00	E180.1 1.00		NTU	1	Analyst: KK 5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-03A

Client Sample ID: GWQ0513039391-1-3
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1,1-Trichloroethane	1.1	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Chloroform	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-03A

Client Sample ID: GWQ0513039391-1-3
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 12:22:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Methylene chloride	3.7	1.0	B	µg/L	1	5/17/2003 12:22:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Tetrachloroethene	2.2	1.0		µg/L	1	5/17/2003 12:22:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Trichloroethene	2.5	1.0		µg/L	1	5/17/2003 12:22:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 12:22:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-03B

Client Sample ID: GWQ0513039391-1-3
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	1.68	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	0.147	0.0200		mg/L	1	5/22/2003 1:28:17 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-03C

Client Sample ID: GWQ0513039391-1-3
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.166	0.0200		mg/L	1	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO3)	37.2	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	0.137	0.0200		mg/L	1	5/22/2003 1:26:05 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	77	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	1.50	1.00		NTU	1	5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-04A

Client Sample ID: GWQ0513039491-1-4
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1,1-Trichloroethane	1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Chloroform	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-04A

Client Sample ID: GWQ0513039491-1-4
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 1:00:00 AM
Methyl tert-butyl ether	3.4	1.0		µg/L	1	5/17/2003 1:00:00 AM
Methylene chloride	3.3	1.0	B	µg/L	1	5/17/2003 1:00:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Tetrachloroethene	170	1.0		µg/L	1	5/17/2003 1:00:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Trichloroethene	5.4	1.0		µg/L	1	5/17/2003 1:00:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 1:00:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-04B

Client Sample ID: GWQ0513039491-1-4
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	2.38	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	1.22	0.0200		mg/L	1	5/22/2003 1:32:54 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-04C

Client Sample ID: GWQ0513039491-1-4
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.0230	0.0200		mg/L	1	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO3)	37.1	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	1.27	0.0200		mg/L	1	5/22/2003 1:30:40 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	95	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	< 1.00	1.00		NTU	1	5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
 Lab Order: 0305065
 Project: Rowe Industries
 Lab ID: 0305065-05A

Client Sample ID: GWQ0513039551-1-5
 Tag Number:
 Collection Date: 5/13/2003
 Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Chloroform	0.8	1.0	J	µg/L	1	5/17/2003 1:39:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceed 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
 Lab Order: 0305065
 Project: Rowe Industries
 Lab ID: 0305065-05A

Client Sample ID: GWQ0513039551-1-5
 Tag Number:
 Collection Date: 5/13/2003
 Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 1:39:00 AM
Methyl tert-butyl ether	6.7	1.0		µg/L	1	5/17/2003 1:39:00 AM
Methylene chloride	3.6	1.0	B	µg/L	1	5/17/2003 1:39:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Tetrachloroethene	21	1.0		µg/L	1	5/17/2003 1:39:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Trichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 1:39:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** GWQ0513039551-1-5**Lab Order:** 0305065**Tag Number:****Project:** Rowe Industries**Collection Date:** 5/13/2003**Lab ID:** 0305065-05B**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	0.146	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	0.010	0.0200	J	mg/L	1	5/22/2003 1:45:27 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** GWQ0513039551-1-5**Lab Order:** 0305065**Tag Number:****Project:** Rowe Industries**Collection Date:** 5/13/2003**Lab ID:** 0305065-05C**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	< 0.0200	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 5/22/2003
HARDNESS Hardness, Calcium/Magnesium (As CaCO3)	30.7	M2340 B 10.0		mg/L	1	Analyst: JP 5/22/2003
MANGANESE, DISSOLVED Manganese	0.0097	E200.7 0.0200	J	mg/L	1	Analyst: JP 5/22/2003 1:41:40 PM
TOTAL DISSOLVED SOLIDS Total Dissolved Solids (Residue, Filterable)	120	E160.1 0		mg/L	1	Analyst: BK 5/16/2003
TURBIDITY Turbidity	< 1.00	E180.1 1.00		NTU	1	Analyst: KK 5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-06A

Client Sample ID: GWQ05130310061-1-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Chloroform	0.6	1.0	J	µg/L	1	5/17/2003 2:17:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-06A

Client Sample ID: GWQ05130310061-1-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 2:17:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Methylene chloride	3.5	1.0	B	µg/L	1	5/17/2003 2:17:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Tetrachloroethene	120	1.0		µg/L	1	5/17/2003 2:17:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Trichloroethene	1.8	1.0		µg/L	1	5/17/2003 2:17:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 2:17:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-06B

Client Sample ID: GWQ05130310061-1-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	0.0680	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	0.343	0.0200		mg/L	1	5/22/2003 1:50:02 PM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-06C

Client Sample ID: GWQ05130310061-1-6
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON Iron	< 0.0200	E200.7 0.0200		(SW3005A) mg/L	1	Analyst: JP 5/22/2003
HARDNESS Hardness, Calcium/Magnesium (As CaCO3)	43.4	M2340 B 10.0		mg/L	1	Analyst: JP 5/22/2003
MANGANESE, DISSOLVED Manganese	0.331	E200.7 0.0200		mg/L	1	Analyst: JP 5/22/2003 1:47:57 PM
TOTAL DISSOLVED SOLIDS Total Dissolved Solids (Residue, Filterable)	110	E160.1 0		mg/L	1	Analyst: BK 5/16/2003
TURBIDITY Turbidity	< 1.00	E180.1 1.00		NTU	1	Analyst: KK 5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-07A

Client Sample ID: GWQ05130310151-1-7
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1,1-Trichloroethane	1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Chloroform	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: GWQ05130310151-1-7

Lab Order: 0305065

Tag Number:

Project: Rowe Industries

Collection Date: 5/13/2003

Lab ID: 0305065-07A

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 2:56:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Methylene chloride	4.0	1.0	B	µg/L	1	5/17/2003 2:56:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Tetrachloroethene	140	1.0		µg/L	1	5/17/2003 2:56:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Trichloroethene	3.1	1.0		µg/L	1	5/17/2003 2:56:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 2:56:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-07B

Client Sample ID: GWQ05130310151-1-7
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	0.0320	0.0200		mg/L	1	5/22/2003
MANGANESE, TOTAL		E200.7				Analyst: JP
Manganese	0.0970	0.0200		mg/L	1	5/22/2003 1:54:17 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** GWQ05130310151-1-7**Lab Order:** 0305065**Tag Number:****Project:** Rowe Industries**Collection Date:** 5/13/2003**Lab ID:** 0305065-07C**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	< 0.0200	0.0200		mg/L	1	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO ₃)	36.2	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	0.0946	0.0200		mg/L	1	5/22/2003 1:52:21 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	100	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	< 1.00	1.00		NTU	1	5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-08A

Client Sample ID: GWQ05130310221-1-8
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1,1-Trichloroethane	3.8	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1-Dichloroethane	1.8	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Chloroform	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-08A

Client Sample ID: GWQ05130310221-1-8
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 3:34:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Methylene chloride	3.4	1.0	B	µg/L	1	5/17/2003 3:34:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Tetrachloroethene	61	1.0		µg/L	1	5/17/2003 3:34:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Trichloroethene	3.9	1.0		µg/L	1	5/17/2003 3:34:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 3:34:00 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-08B

Client Sample ID: GWQ05130310221-1-8
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	10.1	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 5/22/2003
MANGANESE, TOTAL Manganese	0.415	E200.7 0.0200		mg/L	1	Analyst: JP 5/22/2003 1:59:07 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
 Lab Order: 0305065
 Project: Rowe Industries
 Lab ID: 0305065-08C

Client Sample ID: GWQ05130310221-1-8
 Tag Number:
 Collection Date: 5/13/2003
 Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.0680	0.0200		mg/L	1	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO3)	21.3	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	0.377	0.0200		mg/L	1	5/22/2003 1:56:52 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	48	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	2.50	1.00		NTU	1	5/23/2003

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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-09A

Client Sample ID: GWQ05130310301-1-9
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1,1-Trichloroethane	3.6	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1-Dichloroethane	1.9	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Benzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Bromobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Bromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Bromoform	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Bromomethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Carbon disulfide	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Chloroethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Chloroform	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Chloromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-09A

Client Sample ID: GWQ05130310301-1-9
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8021 PLUS MTBE		SW8021B		Analyst: LDS		
Dibromomethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Ethylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Isopropylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
m,p-Xylene	< 2.0	2.0		µg/L	1	5/17/2003 4:12:00 AM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Methylene chloride	3.2	1.0	B	µg/L	1	5/17/2003 4:12:00 AM
Naphthalene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
n-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
n-Propylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
o-Xylene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Styrene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Tetrachloroethene	21	1.0		µg/L	1	5/17/2003 4:12:00 AM
Toluene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Trichloroethene	1.8	1.0		µg/L	1	5/17/2003 4:12:00 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Vinyl acetate	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	5/17/2003 4:12:00 AM

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

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

American Analytical Laboratories, Inc.

Date: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-09B

Client Sample ID: GWQ05130310301-1-9
Tag Number:
Collection Date: 5/13/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON Iron	2.95	E200.7 0.0200		(SW3010A) mg/L	1	Analyst: JP 5/22/2003
MANGANESE, TOTAL Manganese	0.830	E200.7 0.0200		mg/L	1	Analyst: JP 5/22/2003 2:05:31 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: 23-May-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0305065
Project: Rowe Industries
Lab ID: 0305065-09C

Client Sample ID: GWQ05130310301-1-9
Tag Number:
Collection Date: 5/13/2003
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	5/22/2003
HARDNESS		M2340 B				Analyst: JP
Hardness, Calcium/Magnesium (As CaCO ₃)	26.6	10.0		mg/L	1	5/22/2003
MANGANESE, DISSOLVED		E200.7				Analyst: JP
Manganese	0.798	0.0200		mg/L	1	5/22/2003 2:02:42 PM
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	76	0		mg/L	1	5/16/2003
TURBIDITY		E180.1				Analyst: KK
Turbidity	3.20	1.00		NTU	1	5/23/2003

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: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-01A

Client Sample ID: WQ053003:1030NP2-6
Tag Number:
Collection Date: 6/3/2003
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	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1,1-Trichloroethane	1.5	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2,4-Trimethylbenzene	4.1	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,3,5-Trimethylbenzene	2.6	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
4-Isopropyltoluene	7.8	1.0		µg/L	1	6/6/2003 3:24:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Acetone	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Benzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Bromoform	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-01A

Client Sample ID: WQ053003:1030NP2-6
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	6/6/2003 3:24:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Styrene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Tetrachloroethene	71	1.0		µg/L	1	6/6/2003 3:24:00 PM
Toluene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	6/6/2003 3:24:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-01B

Client Sample ID: WQ053003:1030NP2-6
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	4.66	0.0200		mg/L	1	6/4/2003 2:45:55 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-01C

Client Sample ID: WQ053003:1030NP2-6
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.477	0.0200		mg/L	1	6/4/2003 2:43:22 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-02A

Client Sample ID: WQ053003:1035NP2-7
Tag Number:
Collection Date: 6/3/2003
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	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Acetone	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Benzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Bromoform	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-02A

Client Sample ID: WQ053003:1035NP2-7
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1						Analyst: LDS
Chloroform	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	6/6/2003 4:03:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Styrene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Toluene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	6/6/2003 4:03:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ053003:1035NP2-7

Lab Order: 0306015

Tag Number:

Project: Rowe Industries

Collection Date: 6/3/2003

Lab ID: 0306015-02B

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	2.19	0.0200		mg/L	1	6/4/2003 2:55:52 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-02C

Client Sample ID: WQ053003:1035NP2-7
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.361	0.0200		mg/L	1	6/4/2003 2:53:05 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ053003:1040NP2-10

Lab Order: 0306015

Tag Number:

Project: Rowe Industries

Collection Date: 6/3/2003

Lab ID: 0306015-03A

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	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,1-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2,3-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2,3-Trichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2,4-Trichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2,4-Trimethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2-Dibromo-3-chloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2-Dibromoethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,3,5-Trimethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,3-dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
2,2-Dichloropropane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
2-Butanone	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
2-Chloroethyl vinyl ether	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
2-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
2-Hexanone	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
4-Chlorotoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
4-Isopropyltoluene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
4-Methyl-2-pentanone	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Acetone	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Benzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Bromobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Bromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Bromoform	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Bromomethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Carbon disulfide	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Chloroethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.
Lab Order: 0306015
Project: Rowe Industries
Lab ID: 0306015-03A

Client Sample ID: WQ053003:1040NP2-10
Tag Number:
Collection Date: 6/3/2003
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 8260 PLUS MTBE & FREON1		SW8260B		Analyst: LDS		
Chloroform	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Chloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Dibromomethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Ethylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Hexachlorobutadiene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Isopropylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
m,p-Xylene	< 2.0	2.0		µg/L	1	6/6/2003 4:41:00 PM
Methyl tert-butyl ether	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Methylene chloride	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Naphthalene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
n-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
n-Propylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
o-Xylene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
sec-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Styrene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
tert-Butylbenzene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Toluene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Trichloroethene	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Vinyl acetate	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	6/6/2003 4:41:00 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.

Client Sample ID: WQ053003:1040NP2-10

Lab Order: 0306015

Tag Number:

Project: Rowe Industries

Collection Date: 6/3/2003

Lab ID: 0306015-03B

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL IRON		E200.7		(SW3010A)		Analyst: JP
Iron	1.29	0.0200		mg/L	1	6/4/2003 3:00:36 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** WQ053003:1040NP2-10**Lab Order:** 0306015**Tag Number:****Project:** Rowe Industries**Collection Date:** 6/3/2003**Lab ID:** 0306015-03C**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED IRON		E200.7		(SW3005A)		Analyst: JP
Iron	0.707	0.0200		mg/L	1	6/4/2003 2:58:16 PM

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

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

American Analytical Laboratories, Inc.

Date: 10-Jun-03

CLIENT: Legette Brashears & Graham Inc.**Client Sample ID:** WQ053003:1040NP2-10**Lab Order:** 0306015**Tag Number:****Project:** Rowe Industries**Collection Date:** 6/3/2003**Lab ID:** 0306015-03D**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: BK
Total Dissolved Solids (Residue, Filterable)	110	0		mg/L	1	6/6/2003

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

STL Connecticut		Form 1		Client Sample ID		AQ060503:1155NP4-1	
Method: T017		Lab Sample ID		203849-1			
Sample Volume (L)		0.300		Date Sampled		6/5/2003	
Temp (C)		25		Date Analyzed		6/12/2003	
Compound	nL/L (ppbv/v) Qualifier	RL	mg/M3 Qualifier	RL			
Chloromethane	32.3 U	32.3	0.067 U	0.067			
Vinyl Chloride	26.1 U	26.1	0.067 U	0.067			
Bromomethane	16.3 JB	17.2	0.063 JB	0.067			
Chloroethane	25.3 U	25.3	0.067 U	0.067			
1,1-Dichloroethene	8.4 U	8.4	0.033 U	0.033			
Carbon Disulfide	10.7 U	10.7	0.033 U	0.033			
Methylene Chloride	27.8	9.6	0.097	0.033			
trans-1,2-Dichloroethene	8.5 U	8.5	0.033 U	0.033			
1,1-Dichloroethane	8.2 U	8.2	0.033 U	0.033			
cis-1,2-Dichloroethene	8.5 U	8.5	0.033 U	0.033			
Chloroform	6.8 U	6.8	0.033 U	0.033			
1,1,1-Trichloroethane	6.1 U	6.1	0.033 U	0.033			
Carbon Tetrachloride	5.3 U	5.3	0.033 U	0.033			
Benzene	1.0 JB	10.4	0.003 JB	0.033			
1,2-Dichloroethane	8.2 U	8.2	0.033 U	0.033			
Trichloroethene	3.7 J	6.2	0.020 J	0.033			
1,2-Dichloropropane	7.2 U	7.2	0.033 U	0.033			
Bromodichloromethane	5.0 U	5.0	0.033 U	0.033			
cis-1,3-Dichloropropene	7.3 U	7.3	0.033 U	0.033			
Toluene	0.9 J	8.9	0.003 J	0.033			
trans-1,3-Dichloropropene	7.3 U	7.3	0.033 U	0.033			
1,1,2-Trichloroethane	6.1 U	6.1	0.033 U	0.033			
Tetrachloroethene	88.4	4.9	0.600	0.033			
Dibromochloromethane	3.9 U	3.9	0.033 U	0.033			
Chlorobenzene	7.2 U	7.2	0.033 U	0.033			
Ethylbenzene	7.7 U	7.7	0.033 U	0.033			
m&p-Xylenes	7.7 U	7.7	0.033 U	0.033			
o-Xylene	7.7 U	7.7	0.033 U	0.033			
Styrene	7.8 U	7.8	0.033 U	0.033			
Bromoform	3.2 U	3.2	0.033 U	0.033			
1,1,2,2-Tetrachloroethane	4.9 U	4.9	0.033 U	0.033			

0000004

STL Connecticut

Form 1

Client Sample ID

AQ060503:1156NP4-2

Method: T017

Lab Sample ID

203849-2

Sample Volume (L)

1.000

Date Sampled

6/5/2003

Temp (C)

25

Date Analyzed

6/11/2003

Compound	nL/L (ppbv/v) Qualifier	RL	mg/M3 Qualifier	RL
Chloromethane	1.0 JB	9.7	0.002 JB	0.020
Vinyl Chloride	7.8 U	7.8	0.020 U	0.020
Bromomethane	5.4 B	5.1	0.021 B	0.020
Chloroethane	7.6 U	7.6	0.020 U	0.020
1,1-Dichloroethene	2.5 U	2.5	0.010 U	0.010
Carbon Disulfide	3.2 U	3.2	0.010 U	0.010
Methylene Chloride	5.2	2.9	0.018	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	0.5 J	2.5	0.002 J	0.010
Chloroform	0.8 J	2.1	0.004 J	0.010
1,1,1-Trichloroethane	2.6	1.8	0.014	0.010
Carbon Tetrachloride	1.6 U	1.6	0.010 U	0.010
Benzene	0.3 JB	3.1	0.001 JB	0.010
1,2-Dichloroethane	2.5 U	2.5	0.010 U	0.010
Trichloroethene	0.2 J	1.9	0.001 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	0.5 J	2.7	0.002 J	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	4.7	1.5	0.032	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	2.3 U	2.3	0.010 U	0.010
m&p-Xylenes	2.3 U	2.3	0.010 U	0.010
o-Xylene	2.3 U	2.3	0.010 U	0.010
Styrene	2.4 U	2.4	0.010 U	0.010
Bromoform	1.0 U	1.0	0.010 U	0.010
1,1,2,2-Tetrachloroethane	1.5 U	1.5	0.010 U	0.010

0000005

STL Connecticut		Form 1	
		Client Sample ID	AQ060503:1157NP4-3
Method: T017		Lab Sample ID	203849-3
Sample Volume (L)	1.000	Date Sampled	6/5/2003
Temp (C)	25	Date Analyzed	6/12/2003
nL/L			
Compound	(ppbv/v)	Qualifier	RL
Chloromethane	9.7	U	9.7
Vinyl Chloride	7.8	U	7.8
Bromomethane	7.7	B	5.1
Chloroethane	7.6	U	7.6
1,1-Dichloroethene	9.1		2.5
Carbon Disulfide	13.2		3.2
Methylene Chloride	8.1		2.9
trans-1,2-Dichloroethene	2.5	U	2.5
1,1-Dichloroethane	13.8		2.5
cis-1,2-Dichloroethene	3.6		2.5
Chloroform	6.4		2.1
1,1,1-Trichloroethane	12.5		1.8
Carbon Tetrachloride	1.6	U	1.6
Benzene	5.9	B	3.1
1,2-Dichloroethane	2.5	U	2.5
Trichloroethene	1.9	U	1.9
1,2-Dichloropropane	2.2	U	2.2
Bromodichloromethane	1.5	U	1.5
cis-1,3-Dichloropropene	2.2	U	2.2
Toluene	2.9		2.7
trans-1,3-Dichloropropene	2.2	U	2.2
1,1,2-Trichloroethane	1.8	U	1.8
Tetrachloroethene	1.5	U	1.5
Dibromochloromethane	1.2	U	1.2
Chlorobenzene	2.2	U	2.2
Ethylbenzene	2.3	U	2.3
m&p-Xylenes	1.2	J	2.3
o-Xylene	2.3	U	2.3
Styrene	2.4	U	2.4
Bromoform	1.0	U	1.0
1,1,2,2-Tetrachloroethane	1.5	U	1.5

0000006

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: Laura R. Zima

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)	Toluene (mg/m ³)	Benzene (mg/m ³)	Chloroform (mg/m ³)	m&p- Xylenes (mg/m ³)
Allowable Conc.	0.0068	0.041	NE	NE	2.1	NE
12/19/02	0	0	0.045	0.006	0.001	0.006
1/9/03	0.001	0	0.060	0	0	0.004
2/20/03	0	0	0.015	0	0	0
3/12/03	0	0	0.010	0.002	0.006	0.002
4/9/03	0	0	0.005	0.000	0.009	0.002
6/5/03	0	0	0.011	0.019	0.031	0.005

Date	Methylene Chloride (mg/m ³)	o-Xylene (mg/m ³)	Chloro- methane (mg/m ³)	Carbon Disulfide (mg/m ³)	Styrene (mg/m ³)	Total VOCs (mg/m ³)
Allowable Conc.	NE	NE	NE	NE	NE	NA
12/19/03	0.022	0	0	0	0	0.082
1/9/03	0.018	0	0	0	0	0.083
2/20/03	0	0	0	0	0	0.015
3/12/03	0	0	0	0.003	0	0.023
4/9/03	0.023	0	0	0.019	0	0.058
6/5/03	0.028	0	0	0.041	0	0.135

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

CALCULATION:

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

where, Q is the air flowrate in standard cubic feet per minute (scfm) and
C is the VOC concentration in mg/m³

Date	Operating Time (hours)	Vapor Flow Rate (scfm)*	VOC Vapor Conc. (mg/m ³)	VOC Emissions (lb/hr)	VOC Emissions (lb)
12/17/02	---	---	---	---	---
12/19/02	48	3,359	0.082	0.0010	0.050
1/9/03	504	3,532	0.083	0.0011	0.553
2/20/03	1,008	3,415	0.015	0.00019	0.193
3/12/03	480	3,447	0.023	0.00030	0.143
4/9/03	672	3,490	0.058	0.00076	0.510
6/5/03	463	3,427	0.135	0.00173	0.802
Total					2.251

* : 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.

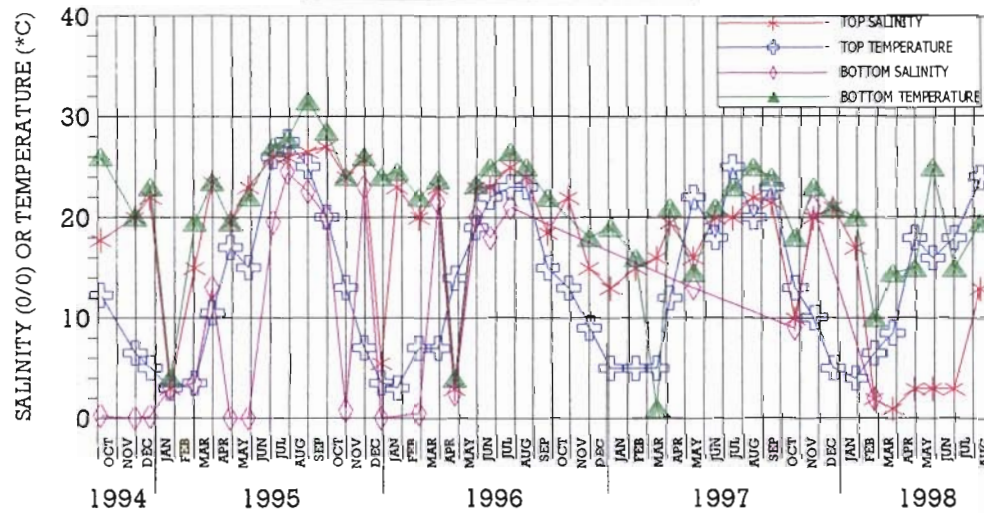
**APPENDIX V:
TEMPERATURE AND SALINITY GRAPHS**

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

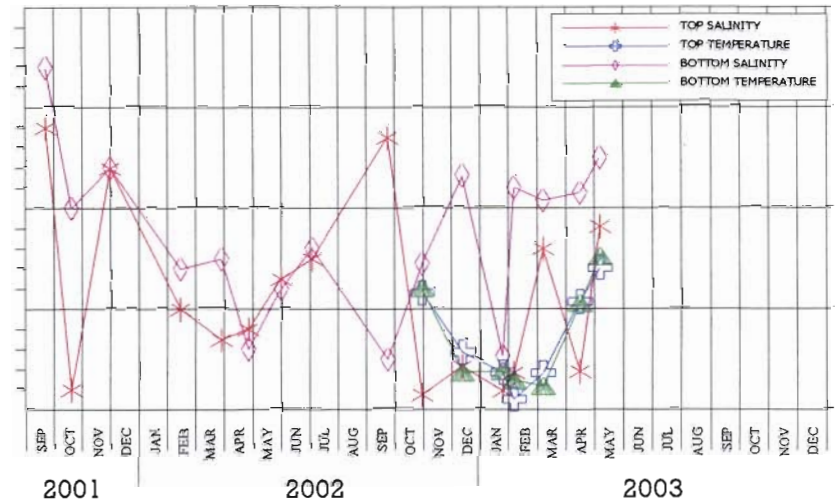
TEMPERATURE AND SALINITY MEASUREMENTS FOR MONITORING POINT S-1 DURING HIGH AND LOW TIDES

HIGH TIDE

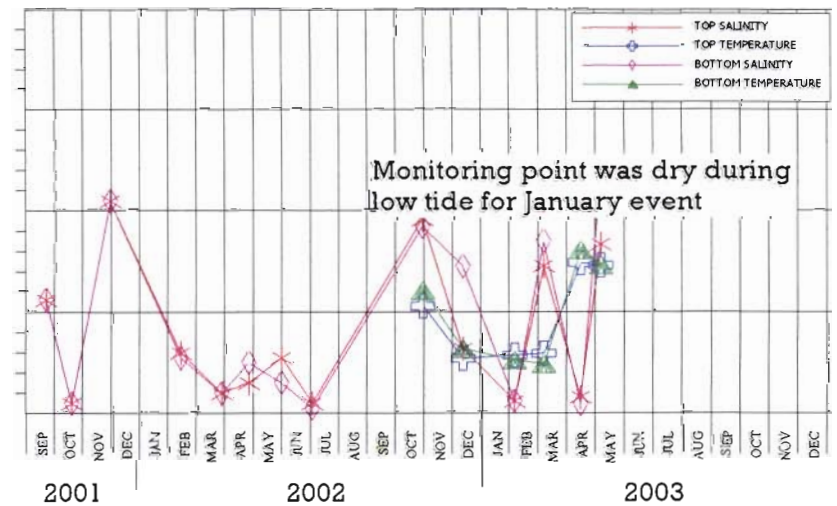
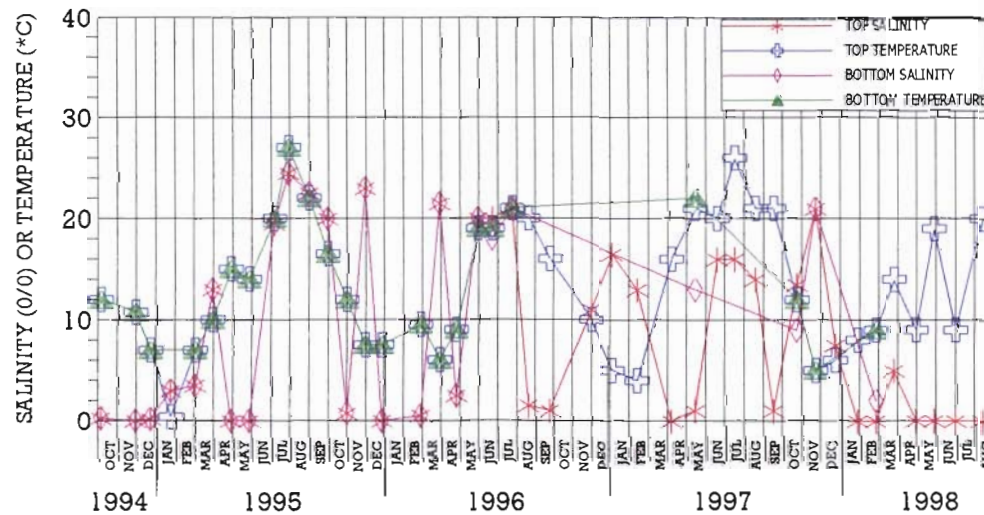
Historic Monitoring Data



Current Monitoring Data



LOW TIDE



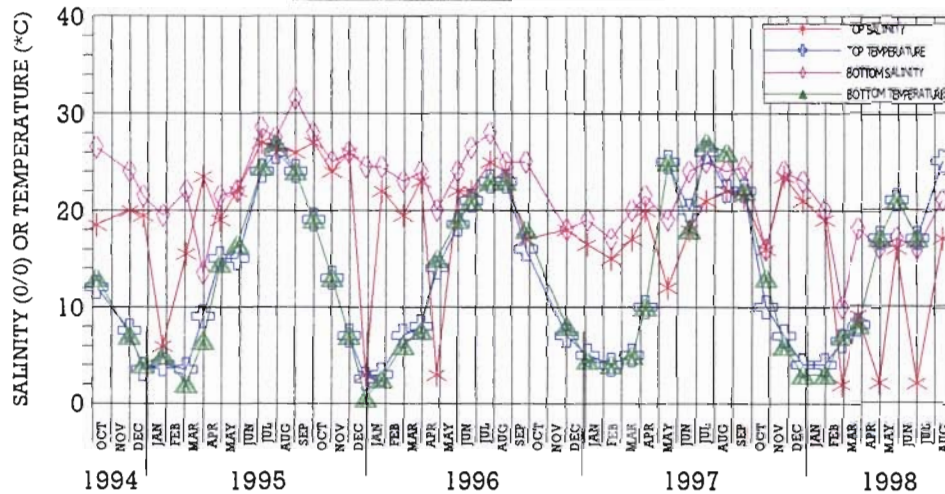
GROUND-WATER REMEDIATION DESIGN

ROWE INDUSTRIES SITE

SAG HARBOR, NEW YORK

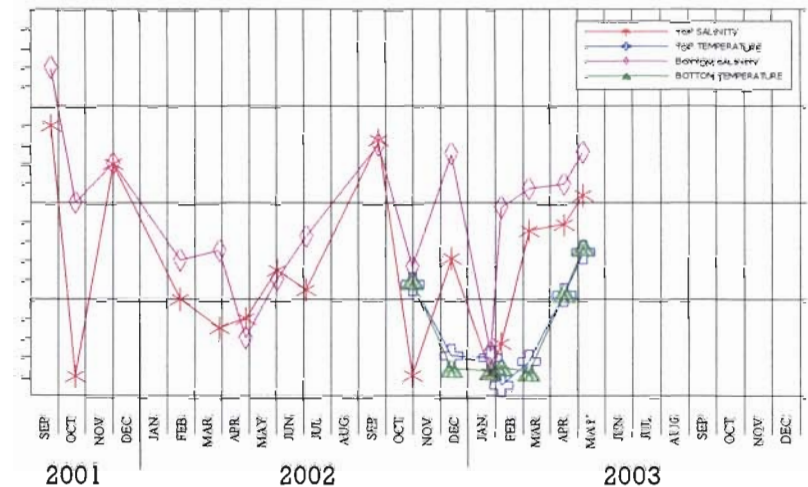
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-2
DURING HIGH AND LOW TIDES

Historic Monitoring Data

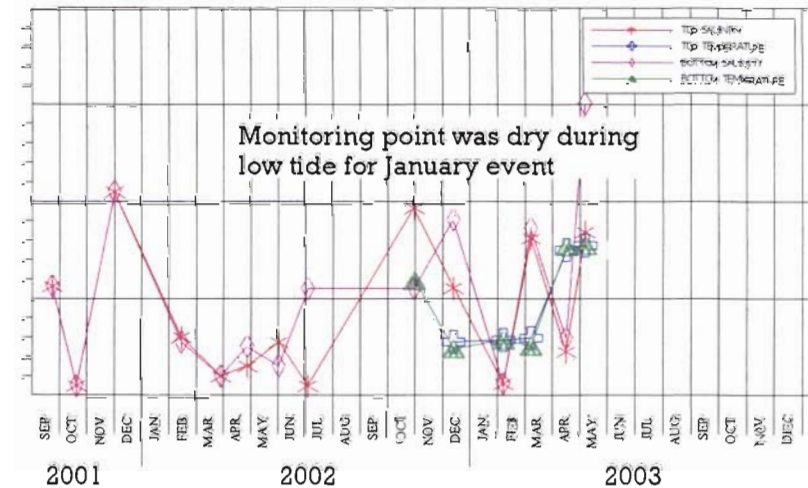
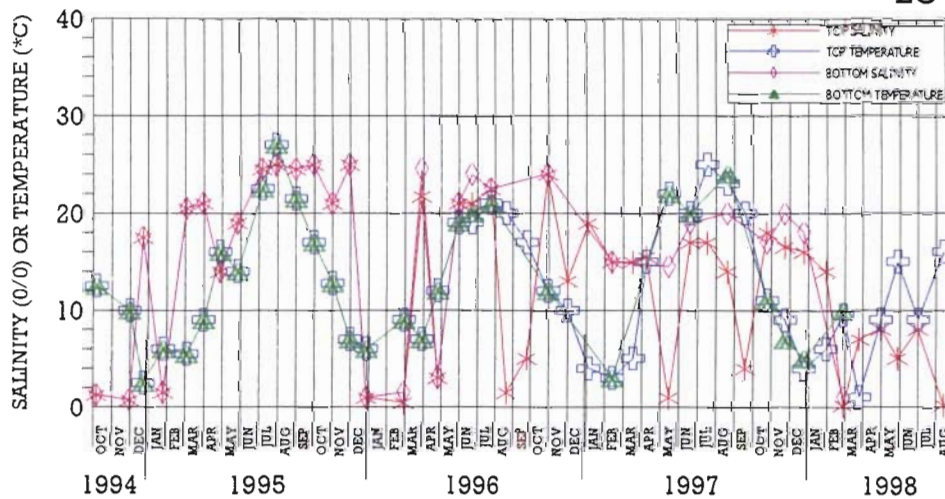


HIGH TIDE

Current Monitoring Data



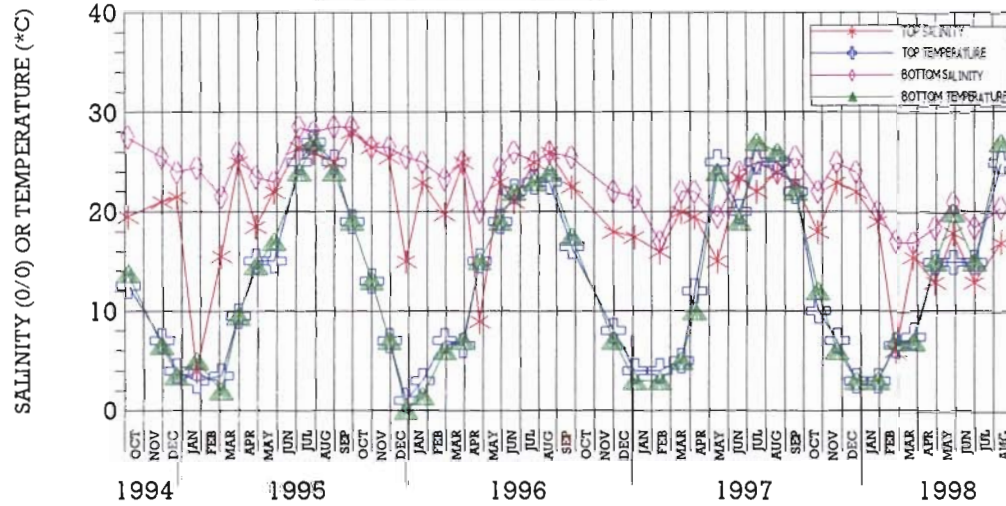
LOW TIDE



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

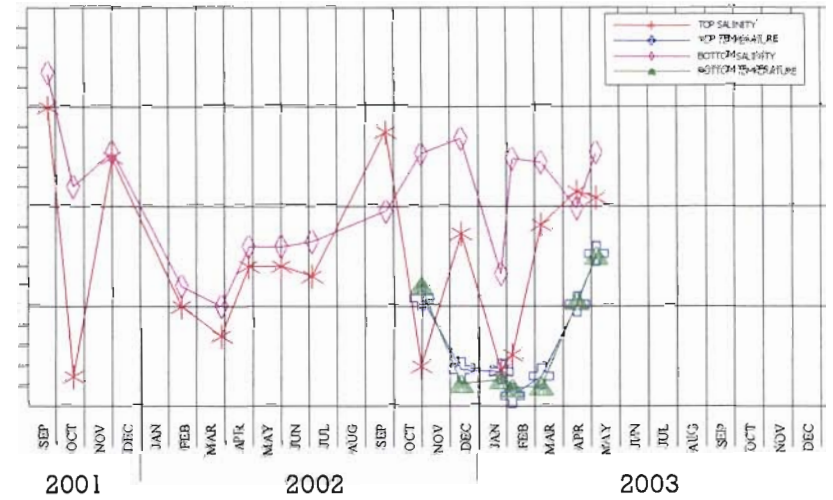
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-3
DURING HIGH AND LOW TIDES

Historic Monitoring Data

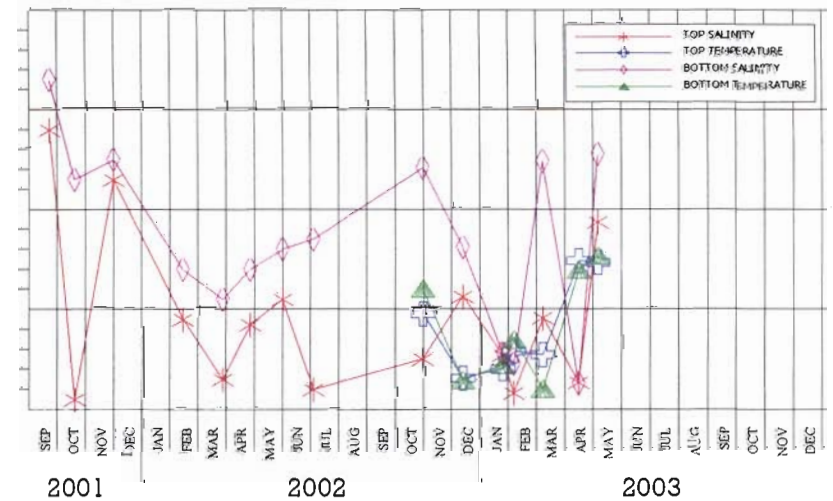
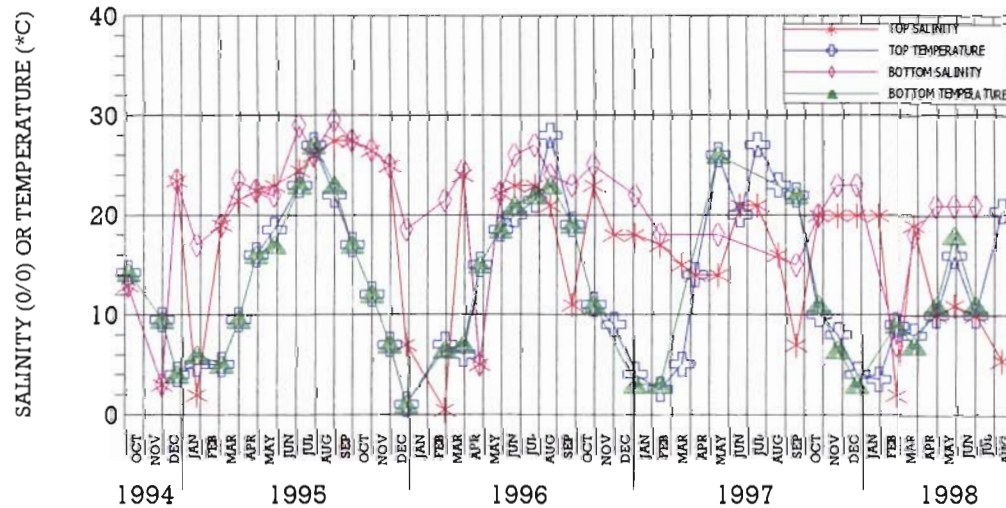


HIGH TIDE

Current Monitoring Data



LOW TIDE



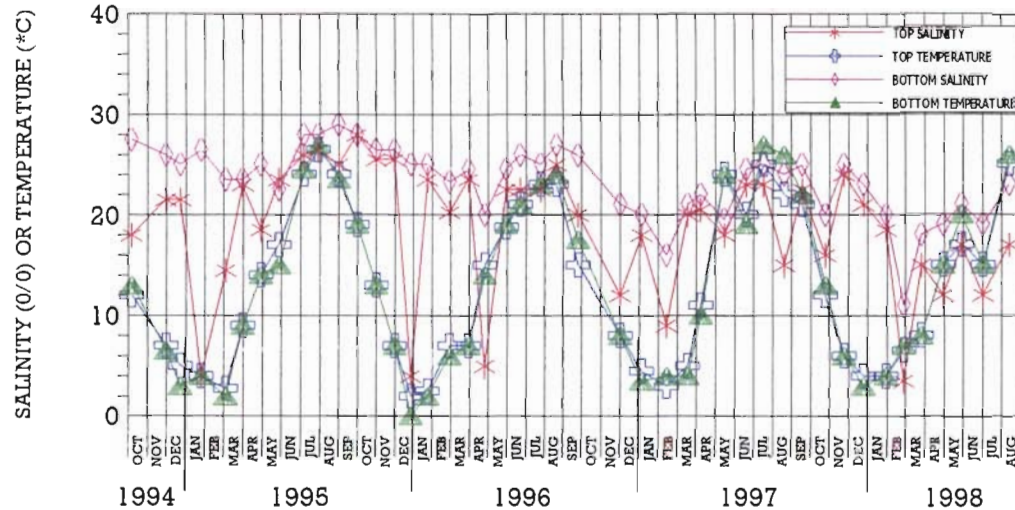
GROUND-WATER REMEDIATION DESIGN

ROWE INDUSTRIES SITE

SAG HARBOR, NEW YORK

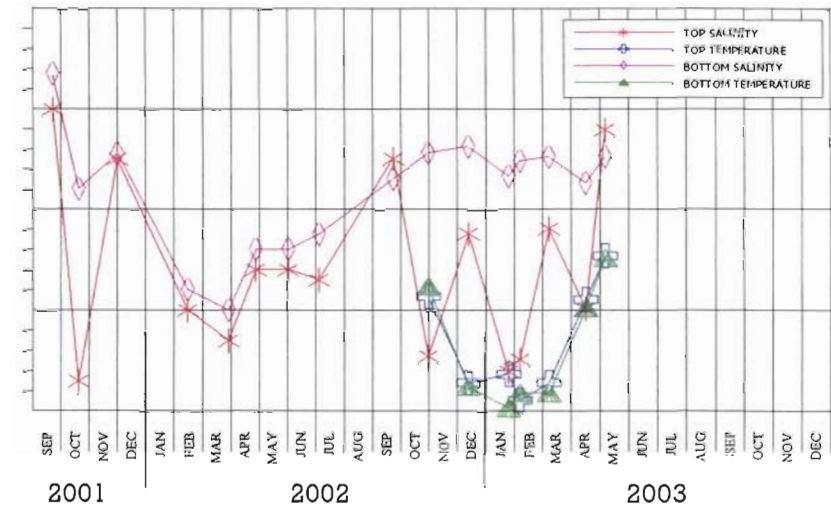
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-4
DURING HIGH AND LOW TIDES

Historic Monitoring Data

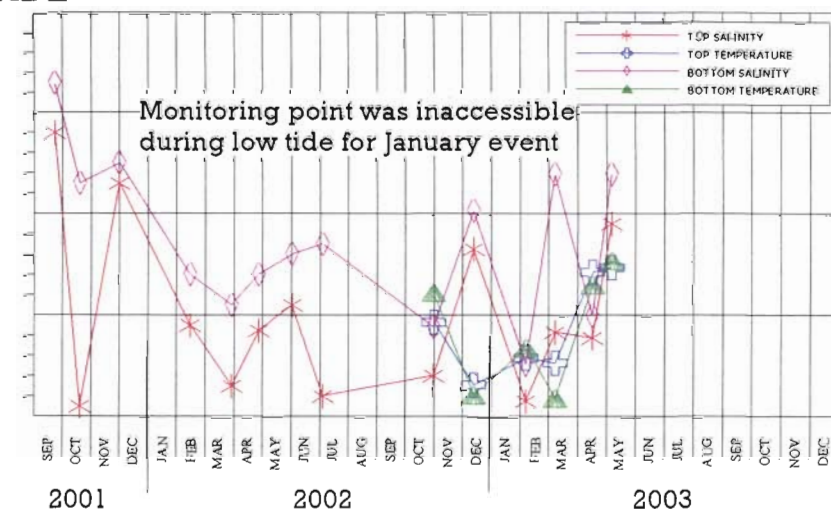
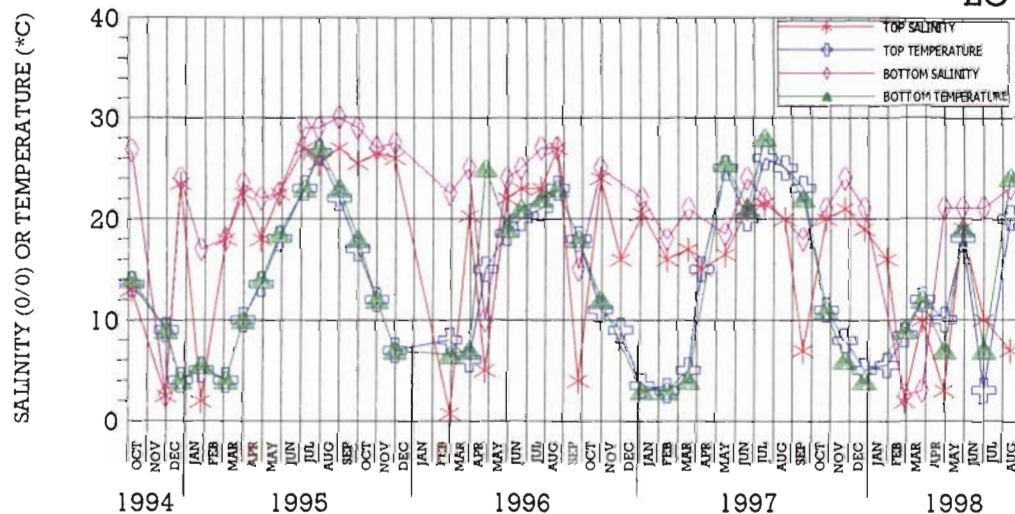


HIGH TIDE

Current Monitoring Data



LOW TIDE



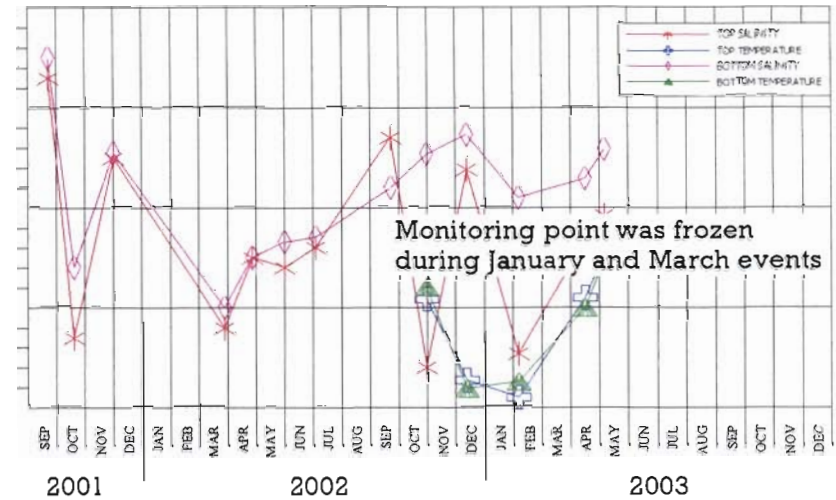
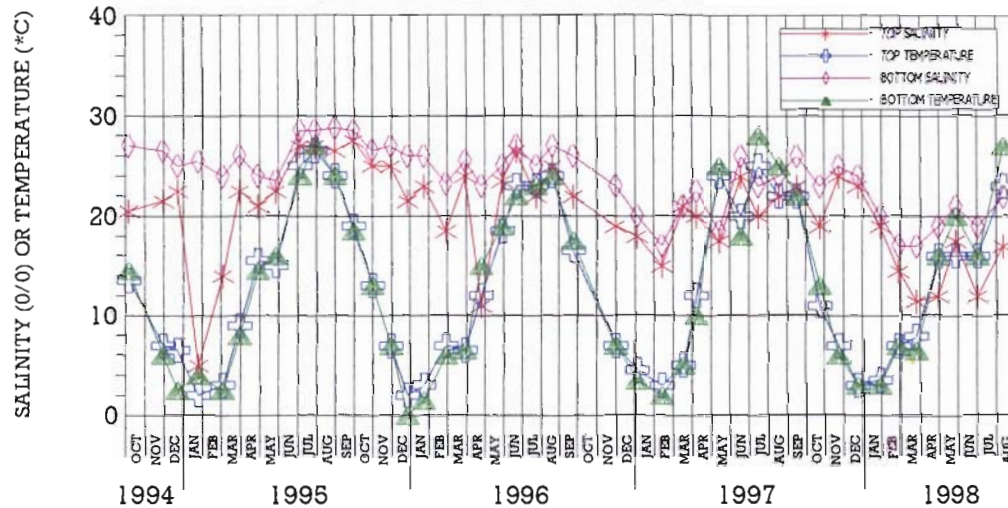
GROUND-WATER REMEDIATION DESIGN ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

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

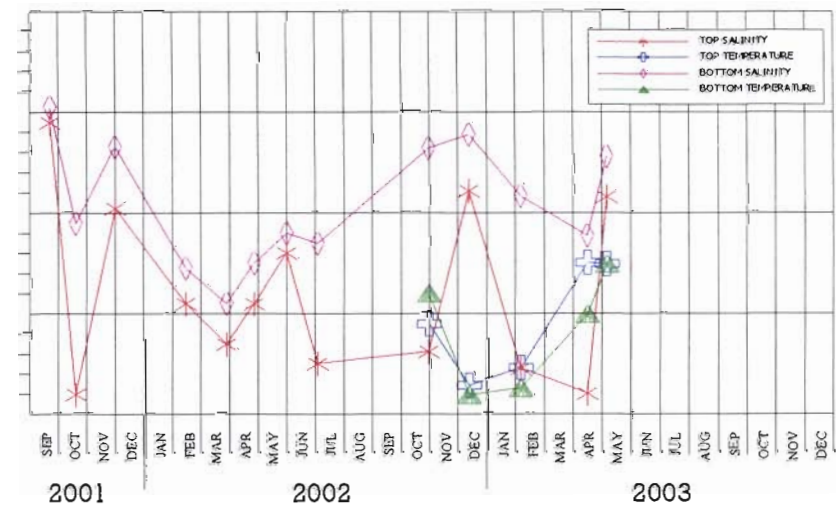
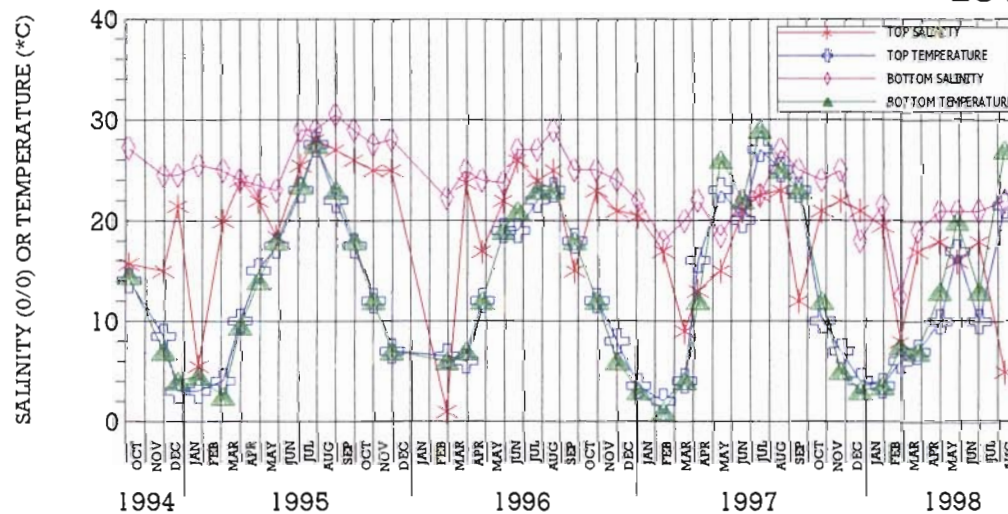
Historic Monitoring Data

HIGH TIDE

Current Monitoring Data



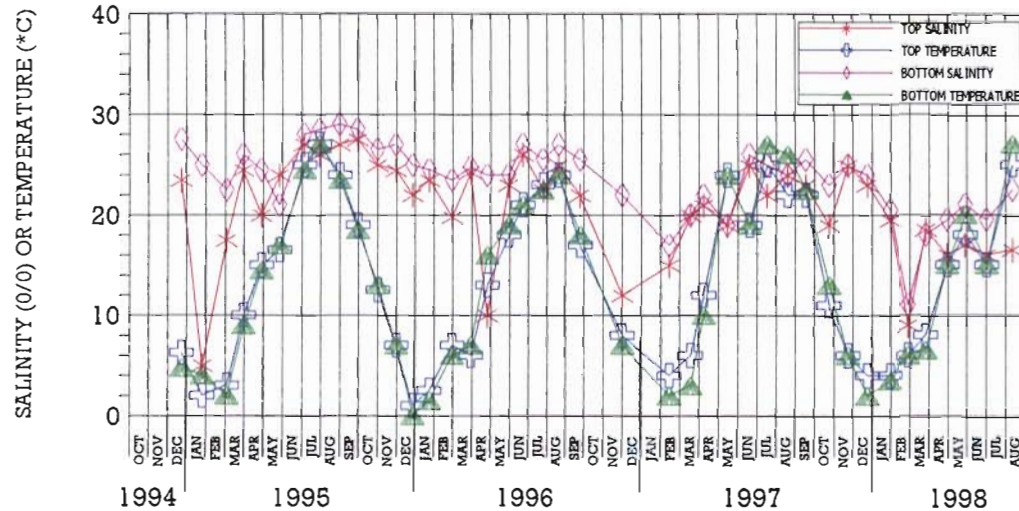
LOW TIDE



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

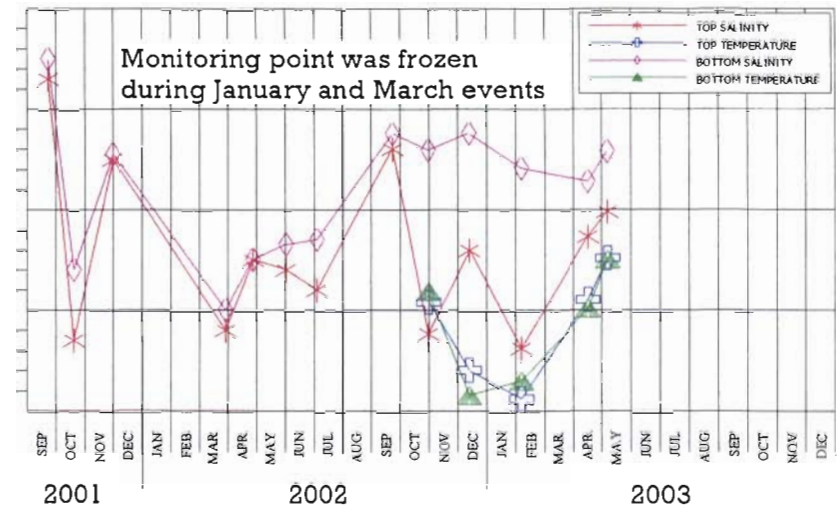
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-6
DURING HIGH AND LOW TIDES

Historic Monitoring Data

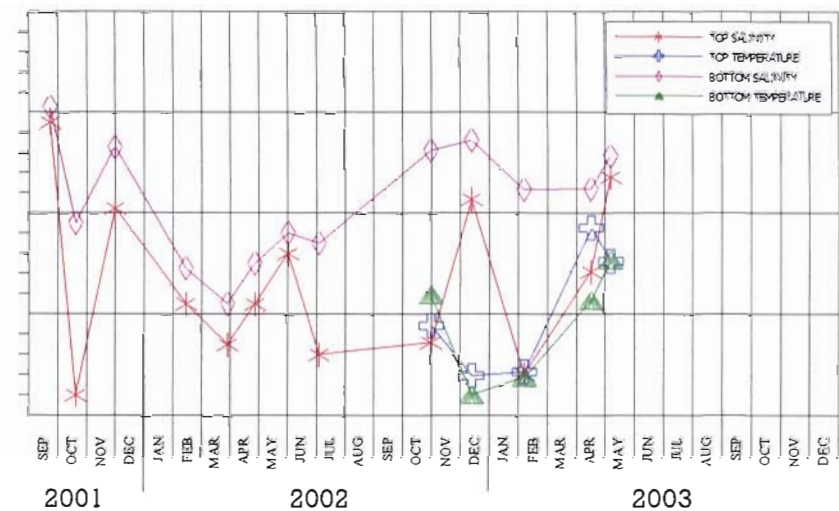
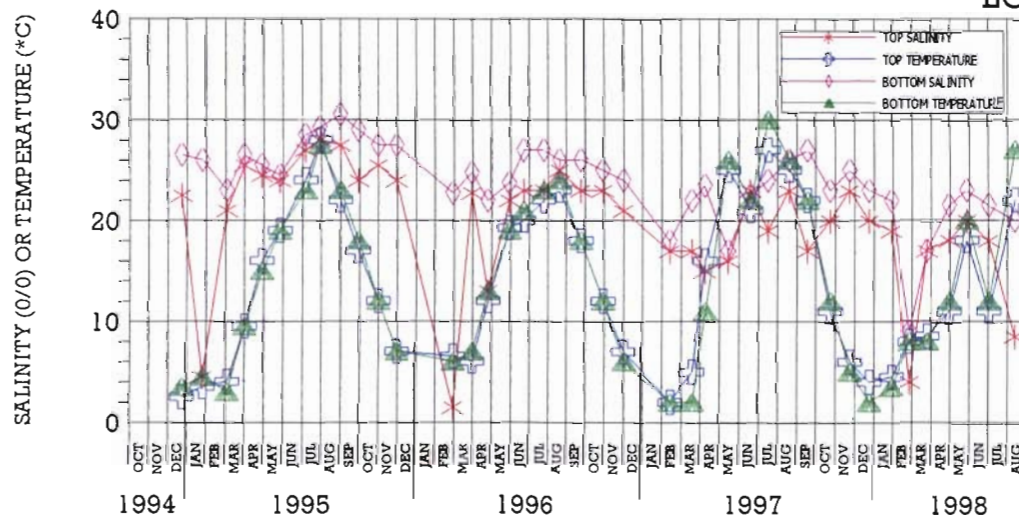


HIGH TIDE

Current Monitoring Data



LOW TIDE



GROUND-WATER REMEDIATION DESIGN

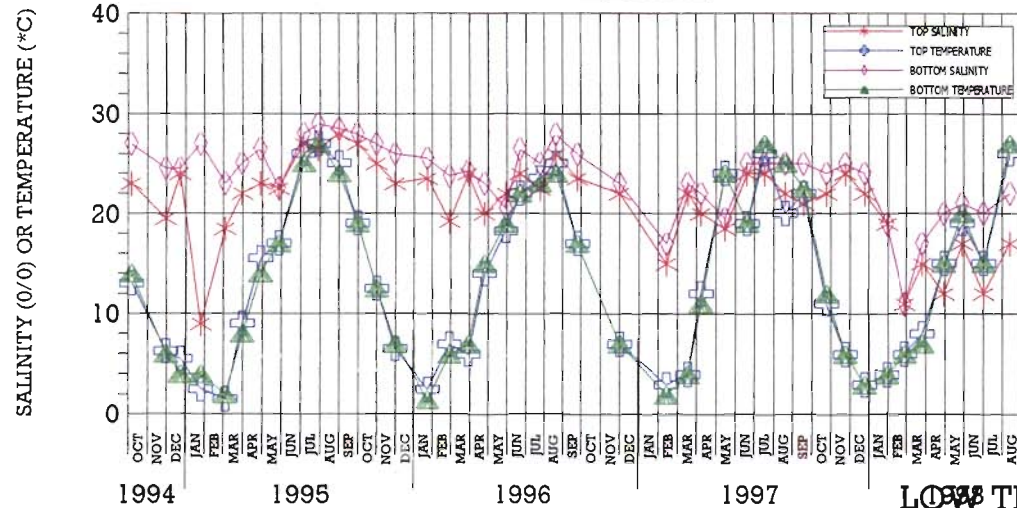
ROWE INDUSTRIES SITE

SAG HARBOR, NEW YORK

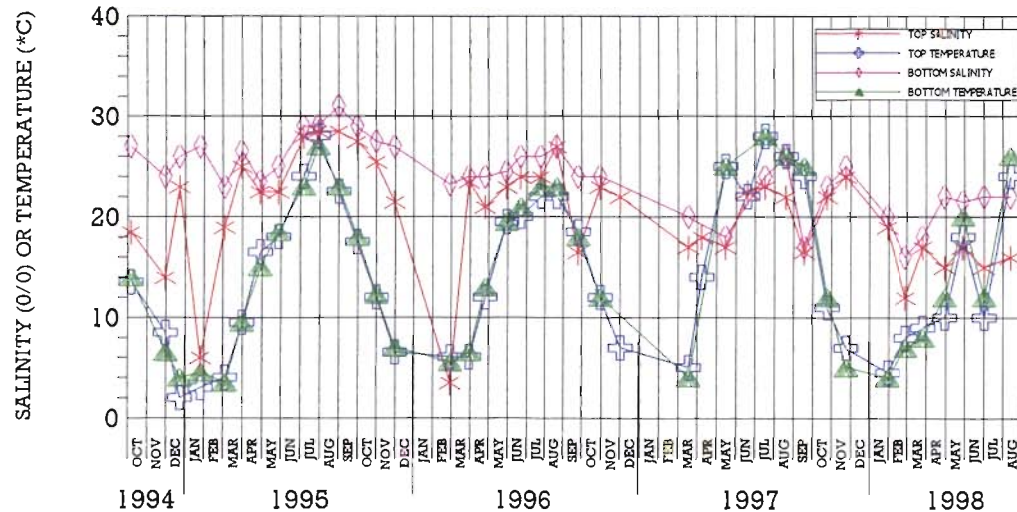
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-7
DURING HIGH AND LOW TIDES

HIGH TIDE

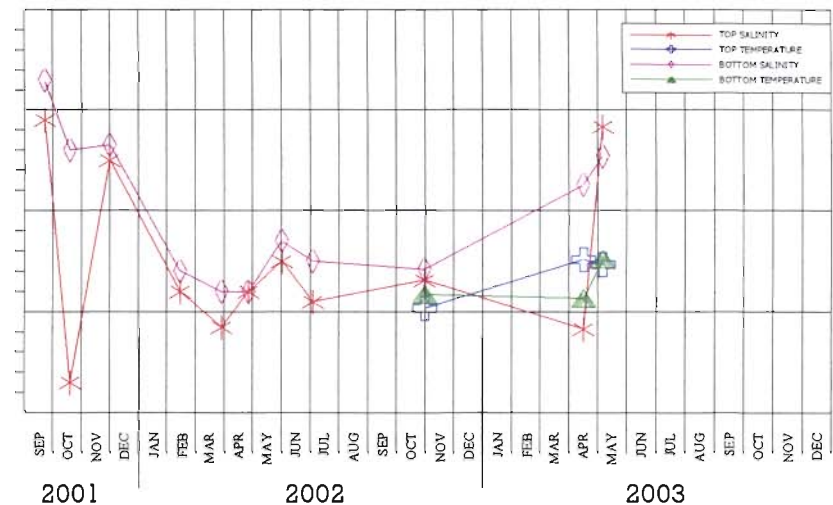
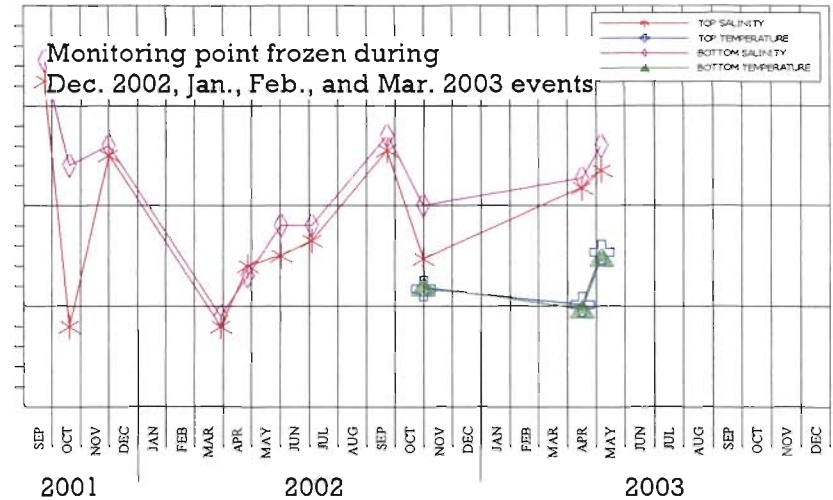
Historic Monitoring Data



LOW TIDE



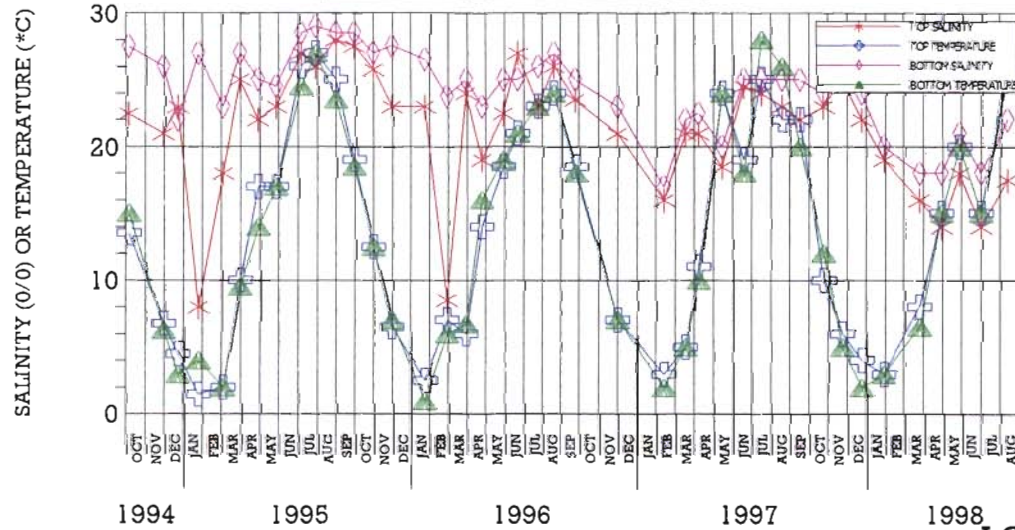
Current Monitoring Data



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

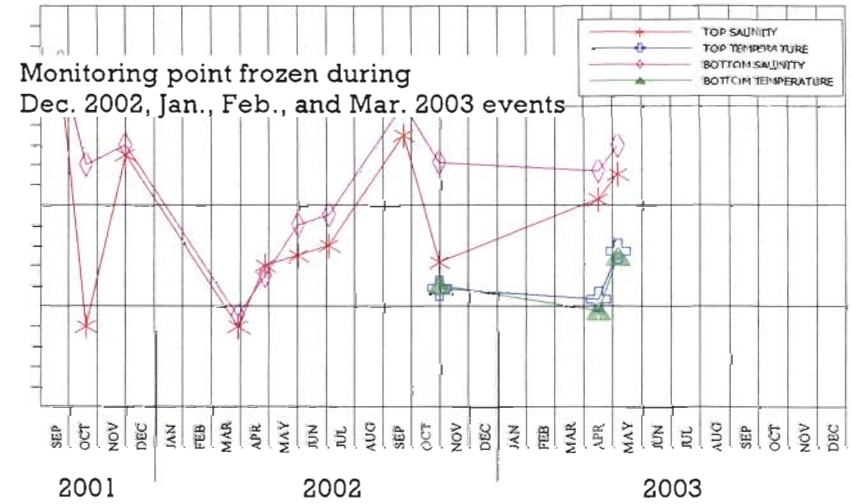
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-8
DURING HIGH AND LOW TIDES

Historic Monitoring Data

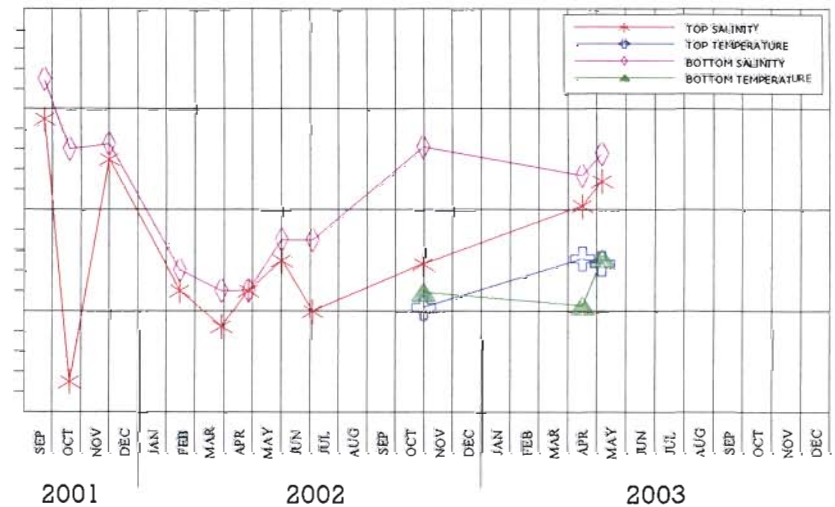
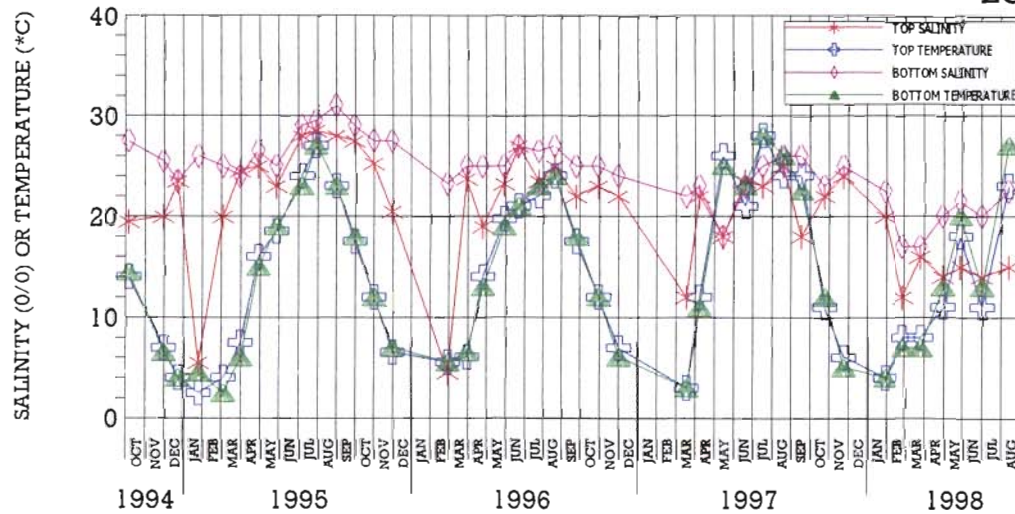


HIGH TIDE

Current Monitoring Data



LOW TIDE



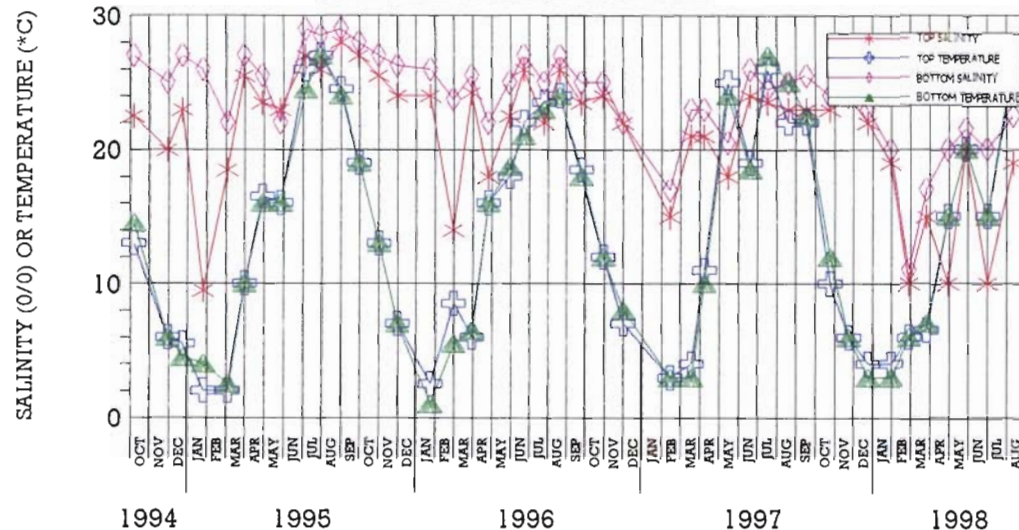
GROUND-WATER REMEDIATION DESIGN

ROWE INDUSTRIES SITE

SAG HARBOR, NEW YORK

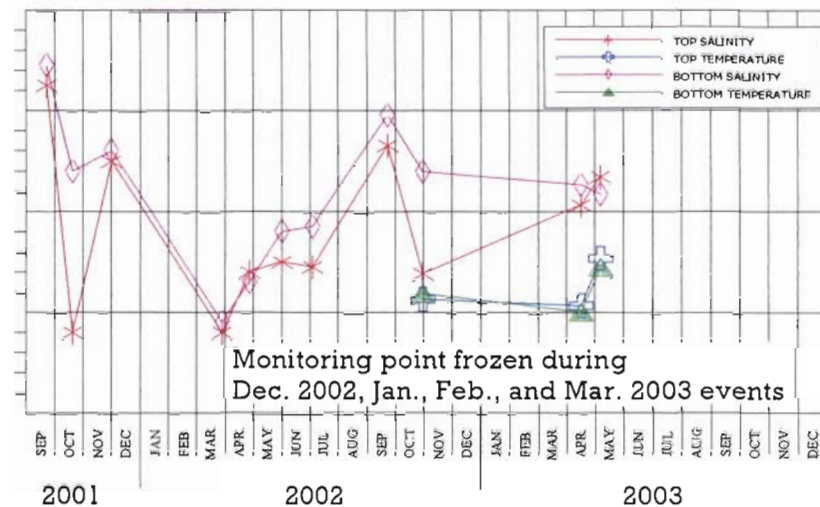
TEMPERATURE AND SALINITY MEASUREMENTS
FOR MONITORING POINT S-9
DURING HIGH AND LOW TIDES

Historic Monitoring Data

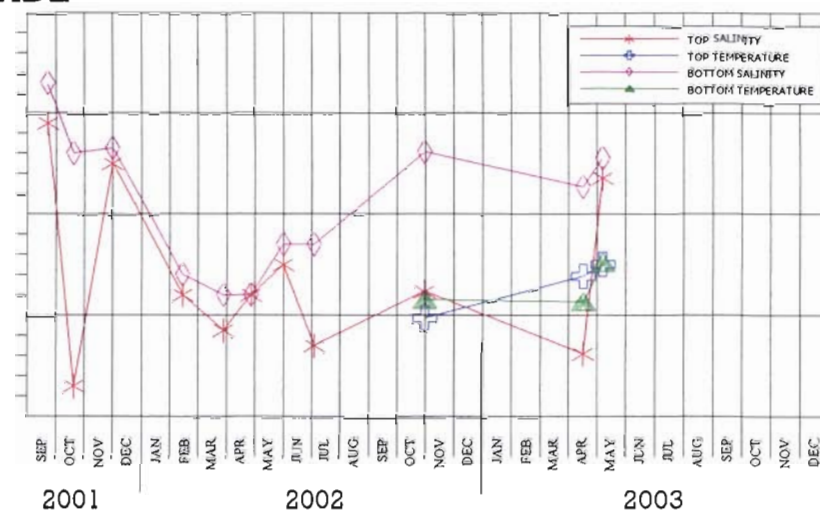
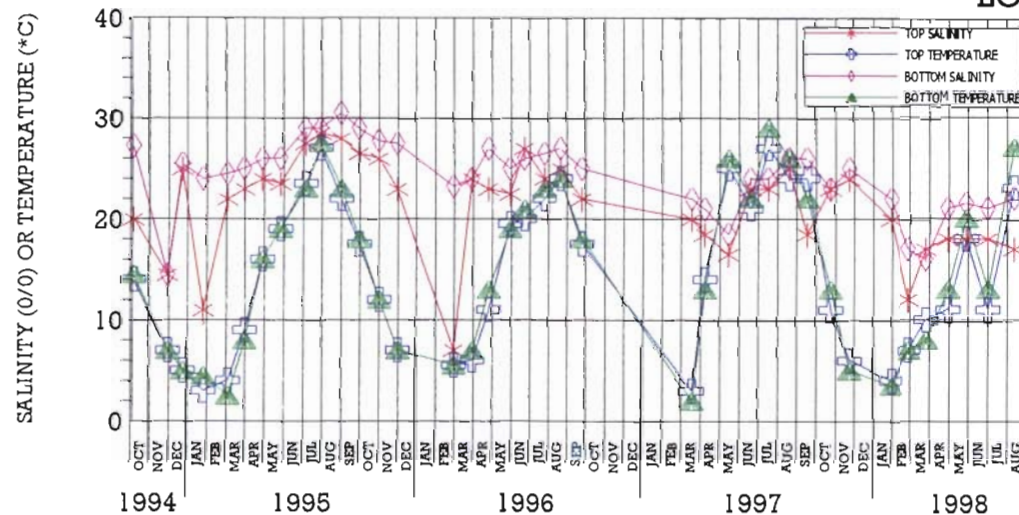


HIGH TIDE

Current Monitoring Data



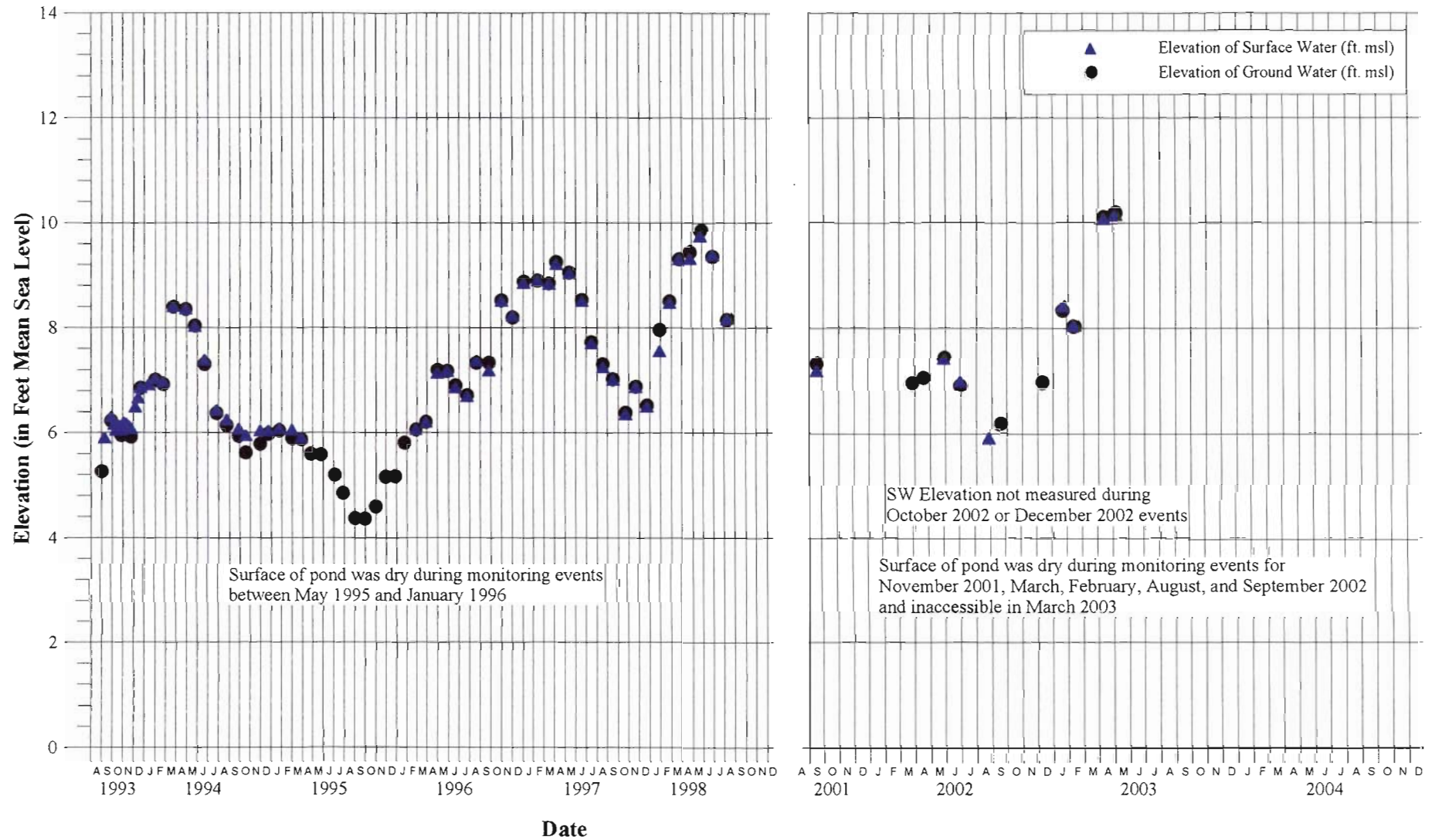
LOW TIDE



APPENDIX VI:
POND AND BROOK HYDROGRAPHS

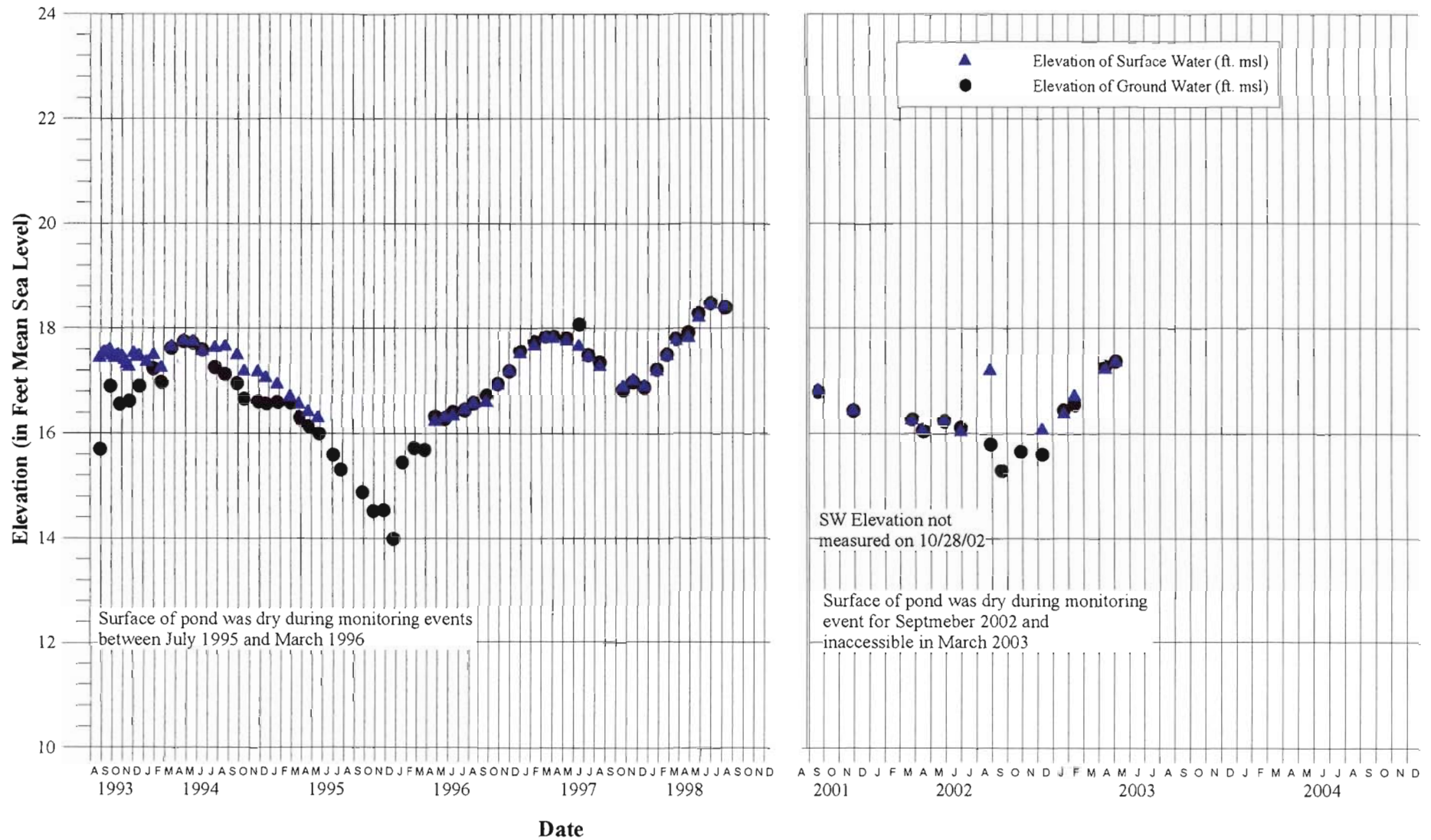
ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Whaler's Pond Piezometer



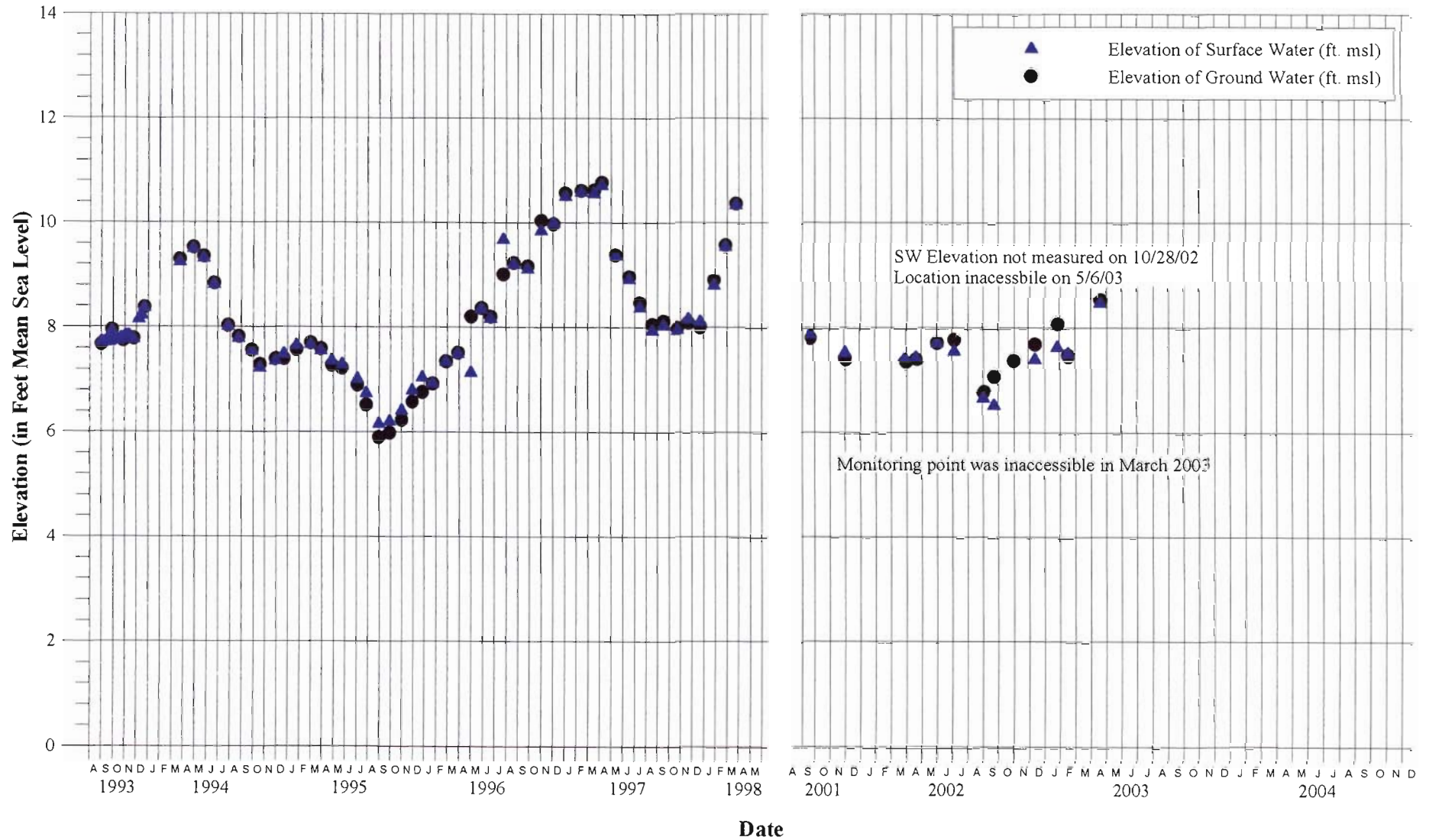
ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Lily Pond Piezometer



ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

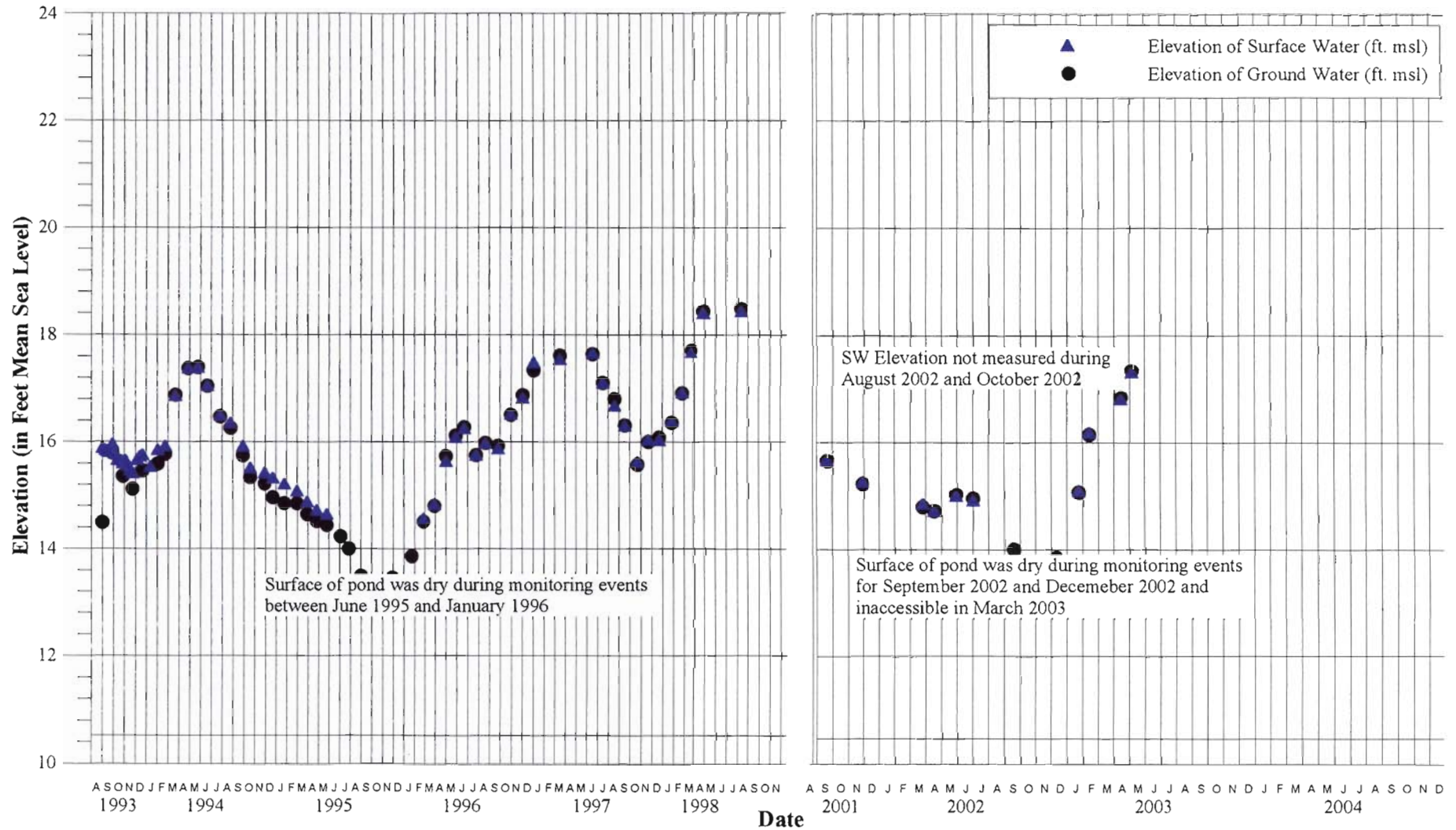
Hydrograph of Round Pond Piezometer



H:\graphics\nablis\nabsag\pond_data\round.grf

ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

Hydrograph of Crooked Pond Piezometer



APPENDIX VII

NYSDOH
AIHA
CTDOHELAP
PAT, LPAT
PH-020511418
102391

June 24, 2003

Ms. Laura Zima
Legette Brashears & Graham Inc.
126 Monroe Turnpike
Trumbull, CT 06611

Reference: *Rowe Industries, AAL Work Order #0305061 and #0305062.*

Dear Ms. Zima;

American Analytical Laboratories, Inc. (AAL) received six (6) aqueous samples for Volatile Organics via SW846 Method 8260 on May 15, 2003.

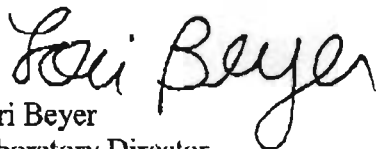
Prior to sample analysis, a reagent blank is analyzed to ensure that common laboratory contaminants are detected within acceptance limits. The method blank analyzed immediately preceding field samples was determined to contain 12 ug/l of Methylene Chloride. This concentration level is within method acceptance criteria.

Methylene Chloride was also detected in all the corresponding field samples and has been qualified as "B" on the final laboratory results sheets. Detected field sample concentrations were determined to be less than the method blank levels. As a result, the reported values in all field samples can be negated as a result of laboratory contamination.

I hope that this information is helpful in your interpretation of reported results. If you have any questions or require any additional information please do not hesitate to contact me at (631) 454-6100; extension 113 or via email at lbeyer@american-analytical.com.

Very truly yours,

American Analytical Laboratories, Inc.


Lori Beyer
Laboratory Director