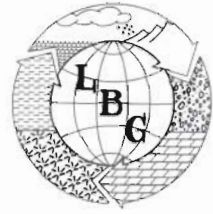
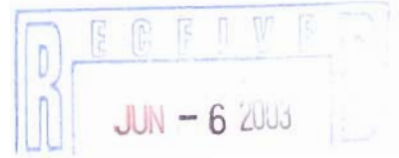


LBG ENGINEERING SERVICES, P.C.

Professional Environmental & Civil Engineers



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



June 4, 2003

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

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

Dear Mr. Trad:

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

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

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.

Laura R. Zima
Environmental Engineer

LZ:ng
Enclosures

H:\NABIS\2003\monthly reports\April 2003\trad_mar2003_report.doc

-DRAFT-

PROJECT STATUS MEMORANDUM

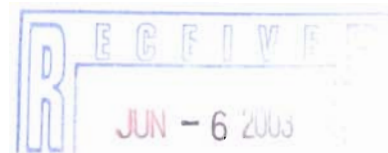
NO. 03-01

TO: Pamela Tames, USEPA

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

DATE: June 4, 2003

PROJECT: Rowe Industries Superfund Site
Focused Ground Water Remedial System
January through March 2003 Status Report
Sag Harbor, New York



LBG Engineering Services, P.C. (LBG) commenced operation of the focused ground-water pump and treat system at the above-referenced site on March 22, 2001. This status report presents a summary of the operation, maintenance and monitoring activities for the site from January 2003 through March, 2003. The report includes a summary of system operational parameters, analytical results for ground-water and system effluent samples, and a summary of ground-water monitoring data.

SUMMARY OF SYSTEM OPERATION

(January 2003 through March 2003)

<i>Reporting Period:</i>	59 days
<i>Total Flow During Period:</i>	815,281 gallons
<i>Cumulative Total Flow:</i>	2,859,773 gallons
<i>System Average Flow:</i>	16.2 gallons per minute (gpm)
<i>Mass of VOCs Recovered:</i>	1.0 pounds
<i>Cumulative VOCs Recovered Since 3/22/01:</i>	13.2 pounds
<i>Discharge Criteria:</i>	Effluent water quality criteria met

Table 1

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

**Mass Removed from the FDSA
January 2003 through March 2003**

Date	Total Precarbon VOC Concentrations (ug/L)	Total Volume of System (gals)	Volume of Water Processed for Period (gallons)	Total Mass Removed (lbs.)	Cumulative Mass Removed (lbs.)
1/2/03	206	2,172,206	127,714	0.22	0.22
2/6/03*	181	2,204,416	32,210	0.05	0.27
2/20/03	191	2,363,247	158,831	0.25	0.52
2/27/03	151	2,454,154	90,907	0.11	0.64
3/4/03	170	2,528,754	74,600	0.11	0.74
3/12/03	120	2,651,127	122,373	0.12	0.86
3/28/03	69	2,859,773	208,646	0.12	0.98

* System restarted on 2/3/03 after repairing broken system piping.

6/4/03
Total Mass Removed
Jan-Mar03

Table 5

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

Pre-Carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

PRE-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	200	1.6	2.1	ND<1	1.8	ND<1	ND<1	0.9	6.1
2/13/03	180	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	190	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	150	ND<1	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1
3/4/03	170	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	120	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	68	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
11 2-TCA - 1,1,2-TRICHLOROETHANE
TCE - TRICHLOROETHENE
EB - ETHYLBENZENE
IPB - ISOPROPYLBENZENE
PB - n PROPYLBENZENE

BF - BROMOFORM
124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
CB - CHLOROBENZENE
12DCE - cis1,2-DICHLOROETHENE
4-IPT - 4-ISOPROPYLTOLUENE

Table 6

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

Mid-carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

MID-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	4.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/13/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	20	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	29	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/4/03	13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	23	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
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BF - BROMOFORM
124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
CB - CHLOROBENZENE
12DCE - cis1,2-DICHLOROETHENE
4-IPT - 4-ISOPROPYLTOLUENE

Table 7

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

Post-carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

POST-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/13/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/4/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

PCE- TETRACHLOROETHYLENE
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124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
CB - CHLOROBENZENE
12DCE - cis1,2-DICHLOROETHENE
4-IPT - 4-ISOPROPYLTOLUENE

Table 5

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

Pre-Carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

PRE-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	200	1.6	2.1	ND<1	1.8	ND<1	ND<1	0.9	6.1
2/13/03	180	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	190	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	150	ND<1	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1
3/4/03	170	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	120	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	68	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

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TCA - 1,1,1-TRICHLOROETHANE
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BF - BROMOFORM
124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
CB - CHLOROENZENE
12DCE - cis 1,2-DICHLOROETHENE
4-IPT - 4-ISOPROPYLTOLUENE

Table 6

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

Mid-carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

MID-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	4.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/13/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	20	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	29	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/4/03	13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	23	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

PCE- TETRACHLOROETHYLENE
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124TMB - 1,2,4-TRIMETHYLBENZENE
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CB - CHLOROENZENE
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4-IPT - 4-ISOPROPYLTOLUENE

Table 7

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

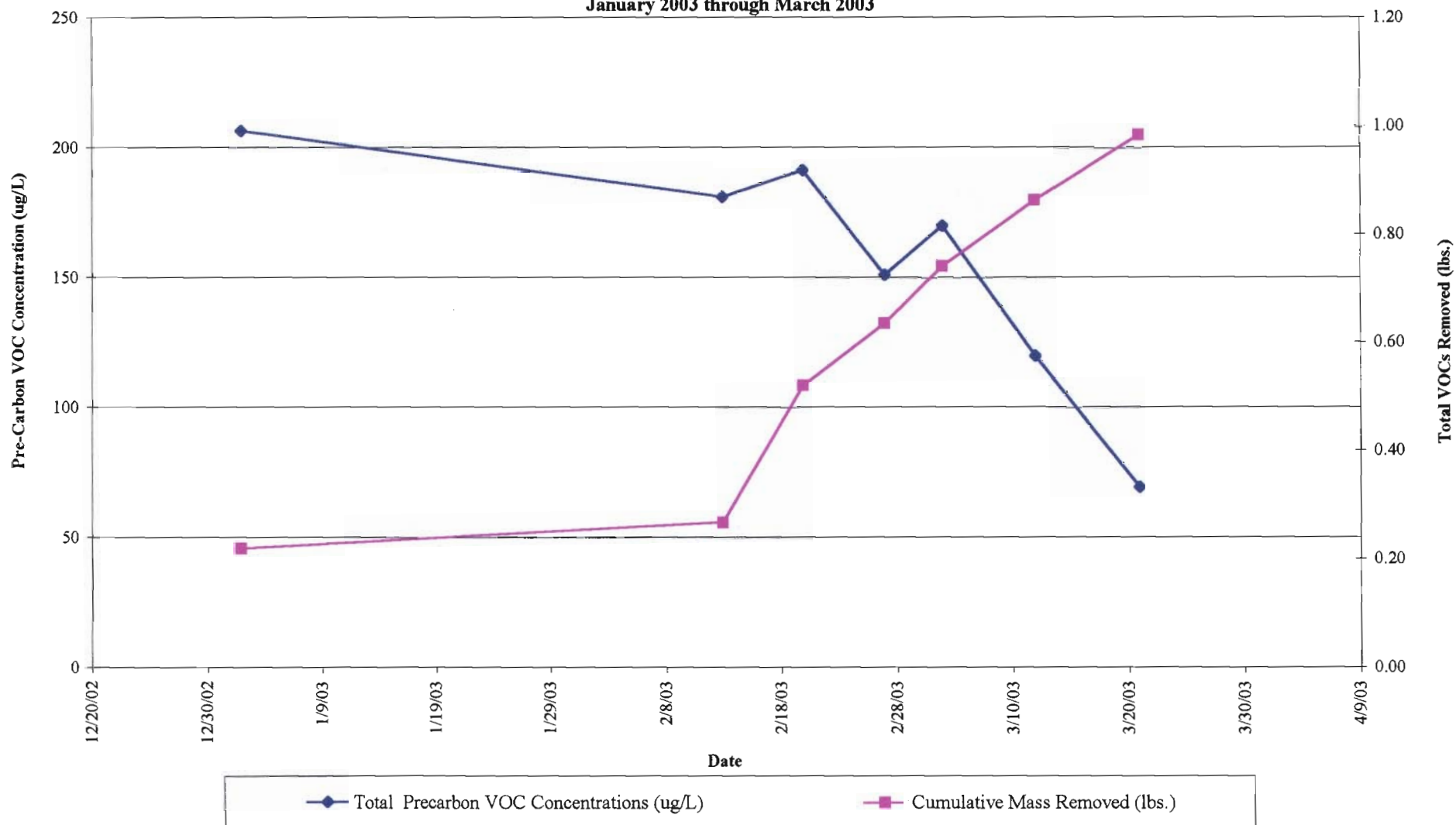
Post-carbon VOC Concentrations, micrograms per liter
January 2003 through March 2003

POST-CARBON									
Date	PCE	TCA	IPB	PB	124TMB	135TMB	12DCE	Toluene	MTBE
1/2/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/13/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/20/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
2/27/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/4/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/12/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3/21/03	SAMPLE LOST PRIOR TO ARRIVAL AT LABORATORY								
3/28/03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1

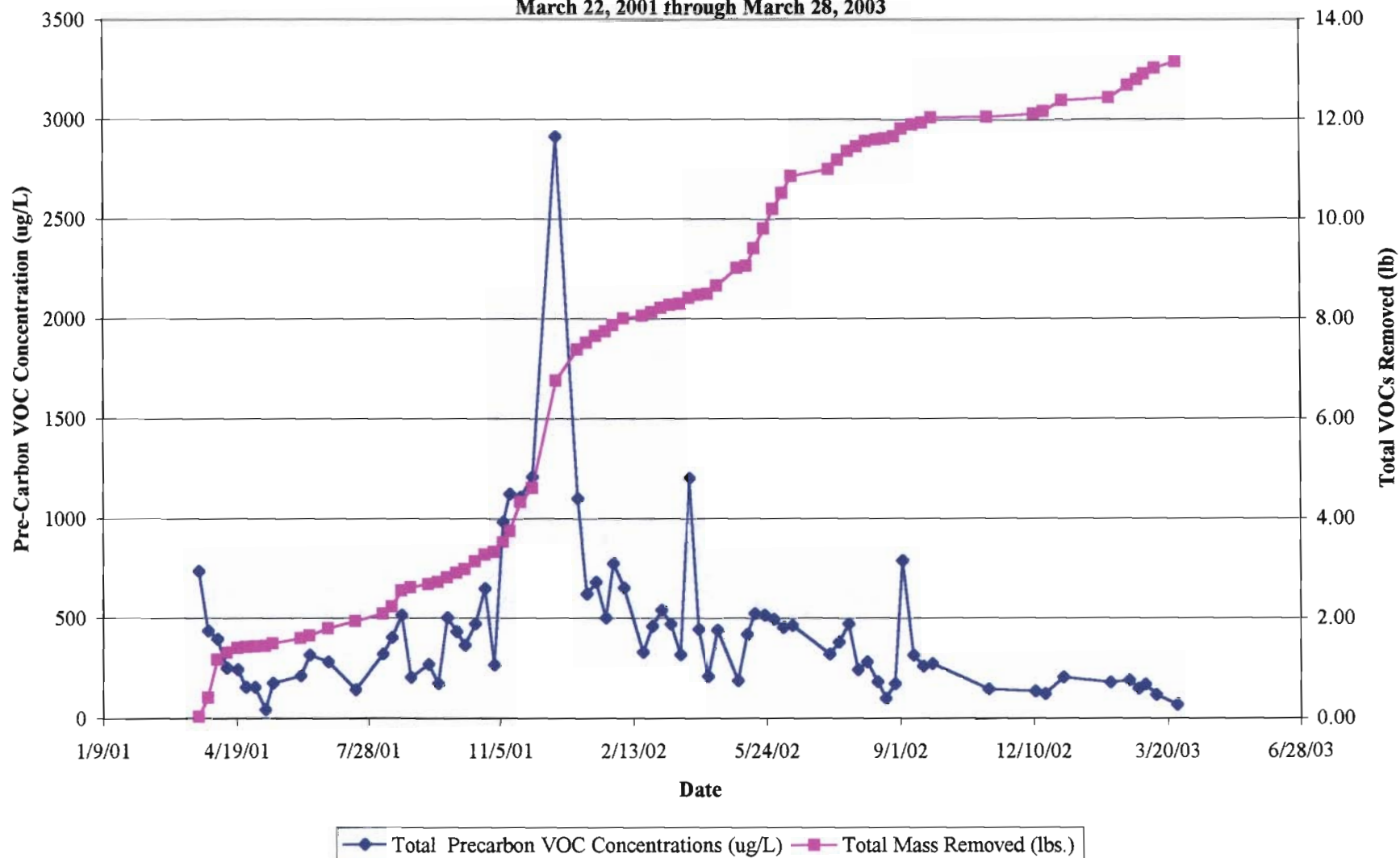
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TCE - TRICHLOROETHENE
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CB - CHLOROENZENE
12DCE - cis 1,2-DICHLOROETHENE
4-IPT - 4-ISOPROPYLTOLUENE

GRAPH 1
GROUND WATER REMEDIAL ACTION
FOCUSED GROUND WATER REMEDIATION SYSTEM
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK
INFLUENT VOC CONCENTRATIONS AND CUMULATIVE MASS REMOVED FROM FDFA
January 2003 through March 2003



GRAPH 2
GROUND WATER REMEDIAL ACTION
FOCUSED GROUND WATER REMEDIATION SYSTEM
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK
INFLUENT VOC CONCENTRATION AND CUMULATIVE MASS REMOVED FROM FDSA
March 22, 2001 through March 28, 2003



GRAPH 3
GROUND WATER REMEDIAL ACTION
FOCUSED GROUND WATER REMEDIATION SYSTEM
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK
WATER LEVEL ELEVATIONS IN SYSTEM RECOVER WELLS
January 2003 through March 2003

