Jan 1999 - MW3 missing 7 ppb

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Fax Transmittal Sheet

Date	20 May 2005
File Number	26269-401
From	Richard J. Rago
To	Bovano
Attention	Jim Flood
Fax Number	203-250-7527
Page 1 of	14

Message

Jim:

Please take a look at these tables and graphs. Perhaps we can have a conference call this week. We assume that EPA's goal will be for complete/3-D understanding of the source and groundwater plume, that the source is gone or contained, and that the plume completely contained on the property and shrinking. With this data, I assume that David Lim will be on board in a conclusion that the source is gone. With all the monitoring wells at "ND," the question should be answered that contaminants are not migrating offsite.

One scenario could be that we prepare a letter report which includes CAD graphics (plume figures) and other data presentation (such as these tables and graphs) for data from the 1980's through 2005 wherein we ask him for closure. Muriel feels that EPA will interpret this to require a public hearing for MNA as a remedy, perhaps monitoring for a few years more to document the consistency of the ND results, and then provide closure.

I will talk to you soon.

Thanks...

Rich Rago

RDMS Doc ID 106780

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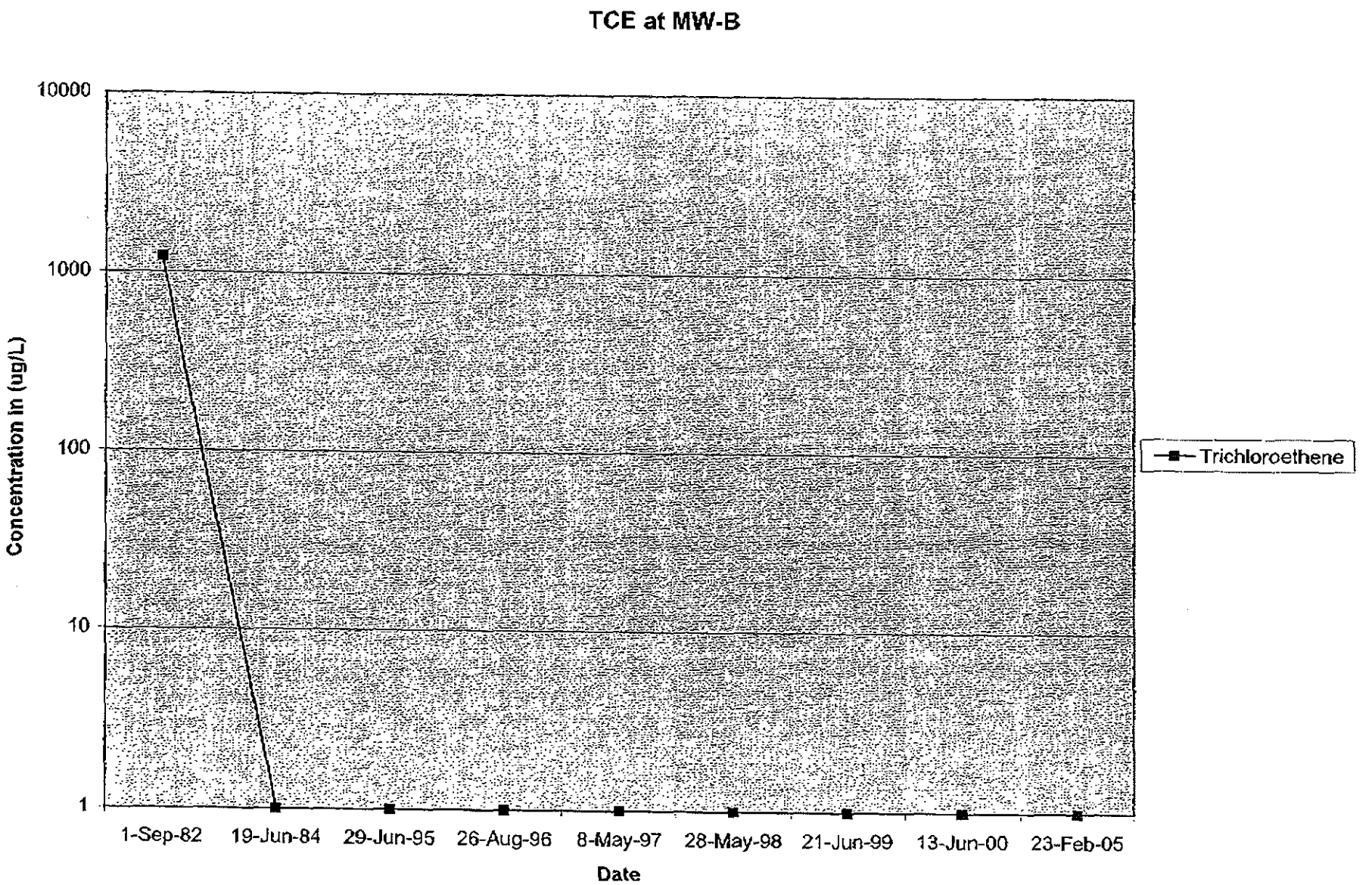
TCE at MW-B
10000
1000
100
10
1
Concentration in (ug/L)
1-Sep-82
19-Jun-84
29-Jun-95
26-Aug-96
8-May-97
28-May-98
21-Jun-99
13-Jun-00
23-Feb-05
Date
Trichloroethene

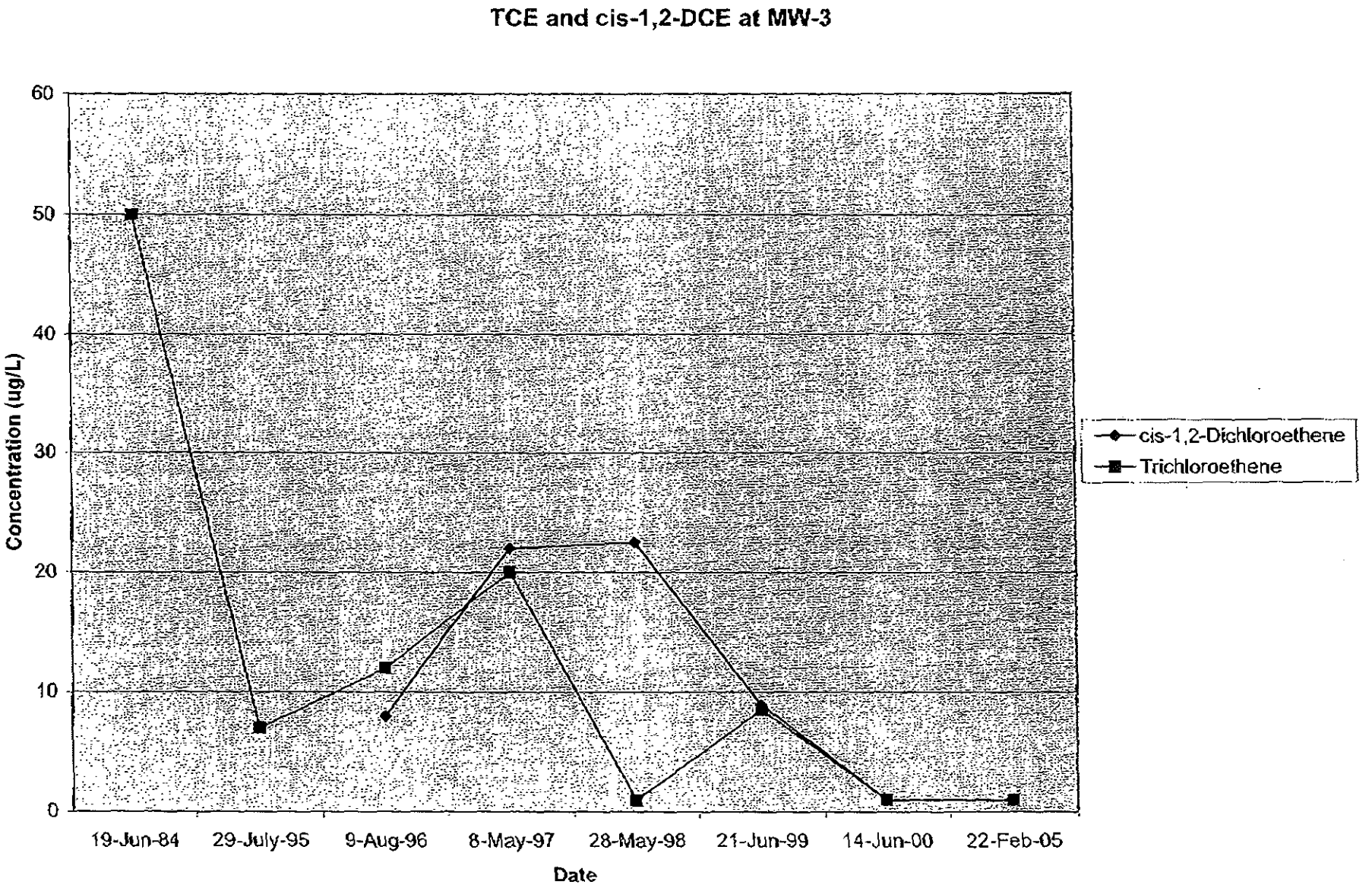
TCE and cis-1,2-DCE at MW-3
Concentration (ug/L)
60
50
40
30
20
10
0
19-Jun-84
29-July-95
9-Aug-96
8-May-97
28-May-98
21-Jun-99
14-Jun-00
22-Feb-05
Date
cis-1,2-Dichloroethene
Trichloroethene

TABLE I
SUMMARY OF RECENT GROUNDWATER QUALITY
BOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

LOCATION SAMPLING DATE PARAMETER	Analytical Method	MW2 22-Feb-05	MW3 22-Feb-05	MW-1 23-Feb-05	MW-B 23-Feb-05	MW-A 24-Feb-05	MW-4 24-Feb-05	Groundwater Protection Criteria (GA/GAA)	Surface water protection Criteria	Groundwater Volatilization Criteria (Industrial/Commercial)
DISSOLVED GASES										
Ethane (ng/L)	AM20GAX	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
Ethene (ng/L)	AM20GAX	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	5.5	ND(2.5)	NE	NE	NE
Hydrogen nM	AM20GAX	0.34	0.52	0.50	0.34	-	-	NE	NE	NE
Methane (ug/L)	AM20GAX	0.018	3.5	ND(0.0075)	0.072	0.76	340	NE	NE	NE
INORGANIC/WET CHEMISTRY (mg/L)										
Alkalinity, Total (mg CaCO3/L)	2320	75	22	66	28	66	77	NE	NE	NE
Chloride	9251	27	12	23	9.6	18	26	NE	NE	NE
Nitrogen, Ammonia	4500	ND(0.0375)	ND(0.0375)	ND(0.0375)	ND(0.0375)	ND(0.0375)	ND(0.0375)	NE	NE	NE
Nitrogen, Nitrite	4500NO3	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	NE	NE	NE
Nitrogen, Nitrate	4500	2.3	2.2	1.7	0.54	0.61	1.6	NE	NE	NE
Sulfite	4500	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	NE
Sulfate	9038	12	ND(5)	ND(5)	14	10	11	NE	NE	NE
TOTAL METALS (mg/L)										
Cadmium	6010	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	5	6	NE
Chromium (total)	6010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.01	ND(0.005)	50	1310	NE
Copper	6010	ND(0.005)	ND(0.005)	0.02	ND(0.005)	0.04	0.01	1300	48	NE
Iron	6010	ND(0.025)	ND(0.025)	0.43	0.14	16	1	NE	NE	NE
Lead	6010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	15	13	NE
Manganese	6010	ND(0.005)	ND(0.005)	0.04	0.32	2.2	0.06	NE	NE	NE
DISSOLVED METALS (mg/L)										
Cadmium	6010	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	5	6	NE
Chromium (total)	6010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	50	1310	NE
Copper	6010	ND(0.005)	ND(0.005)	0.01	ND(0.005)	ND(0.005)	ND(0.005)	1300	48	NE
Iron	6010	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	NE	NE	NE
Lead	6010	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	15	13	NE
Manganese	6010	ND(0.005)	ND(0.005)	ND(0.005)	0.32	ND(0.005)	ND(0.005)	NE	NE	NE
VOLATILE ORGANIC COMPOUNDS (ug/L)										
Methylene chloride	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	5	48000	2200
1,1-Dichloroethane	8260	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	70	NE	41000
Chloroform	8260	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	6	14100	62
Carbon tetrachloride	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	5	132	14
1,2-Dichloropropane	8260	ND(0.9)	ND(0.9)	ND(0.9)	ND(0.9)	ND(0.9)	ND(0.9)	5	NE	58
Dibromochloromethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.5	1020	NE
1,1,2-Trichloroethane	8260	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	5	1260	2900
Tetrachloroethylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	5	88	810

TABLE I
SUMMARY OF RECENT GROUNDWATER QUALITY
BOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

DRAFT

LOCATION SAMPLING DATE PARAMETER	Analytical Method	MW2 22-Feb-05	MW3 22-Feb-05	MW-1 23-Feb-05	MW-B 23-Feb-05	MW-A 24-Feb-05	MW-4 24-Feb-05	Groundwater Protection Criteria (GA/GAA)	Surface water protection Criteria	Groundwater Volatilization Criteria (Industrial/Commercial)
Chlorobenzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	100	420000	23000
Trichlorofluoromethane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	4200
1,2-Dichloroethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	1	2970	68
1,1,1-Trichloroethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	200	62000	16000
Bromodichloromethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	73
trans-1,3-Dichloropropylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	NE
1,3-Dichloropropene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.5	34000	360
1,1-Dichloropropene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
Bromoform	8260	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4	10800	2300
1,1,2,2-Tetrachloroethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.5	110	54
Benzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	1	710	310
Toluene	8260	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	1000	4000000	41000
Ethyl benzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	700	580000	36000
Chloromethane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	5500
Bromomethane	8260	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NE	NE	NE
Vinyl chloride	8260	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	2	15750	52
Chloroethane	8260	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NE	NE	29000
1,1-Dichloroethylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	7	96	920
trans-1,2-Dichloroethylene	8260	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	ND(0.375)	100	NE	13000
Trichloroethylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	5	2340	67
1,2-Dichlorobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	600	170000	50000
1,3-Dichlorobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	600	26000	50000
1,4-Dichlorobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	75	26000	3400
Methyl-tert-butyl-ether (MTBE)	8260	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	70	NE	50000
p/m-Xylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	530	NE	48000
o-Xylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	530	NE	48000
cis-1,2-Dichloroethylene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	70	NE	11000
Dibromomethane	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
1,4-Dichlorobutane	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
Iodomethane	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
1,2,3-Trichloropropane	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
Styrene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	100	NE	42000
Dichlorodifluoromethane	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	1200
Acetone	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	700	NE	50000
Carbon disulfide	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
2-Butanone (MEK)	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	400	NE	50000
Vinyl acetate	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
Methyl isobutyl ketone	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	350	NE	50000
2-Hexanone	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE

TABLE I
SUMMARY OF RECENT GROUNDWATER QUALITY
BOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

LOCATION SAMPLING DATE PARAMETER	Analytical Method	MW2 22-Feb-05	MW3 22-Feb-05	MW-1 23-Feb-05	MW-8 23-Feb-05	MW-A 24-Feb-05	MW-4 24-Feb-05	Groundwater Protection Criteria (GA/GAA)	Surface water protection Criteria	Groundwater Volatilization Criteria (Industrial/Commercial)
Ethyl methacrylate	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	NE	NE	NE
Acrolein	8260	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	ND(6)	NE	NE	NE
Acrylonitrile	8260	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	0.5	20	NE
Bromochloromethane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
Tetrahydrofuran	8260	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	NE	NE	NE
2,2-Dichloropropane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
Ethylene dibromide (EDB)	8260	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	0.05	NE	11
1,3-Dichloropropane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
1,1,1,2-Tetrachloroethane	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	1	NE	64
Bromobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
n-Butylbenzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	21000
sec-Butylbenzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	20000
tert-Butylbenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
o-Chlorotoluene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
p-Chlorotoluene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
1,2-Dibromo-3-chloropropane	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
Hexachlorobutadiene	8260	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NE	NE	NE
Isopropylbenzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	6800
p-Isopropyltoluene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	NE
Naphthalene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	280	NE	NA
n-Propylbenzene	8260	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	NE	NE	NE
1,2,3-Trichlorobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
1,2,4-Trichlorobenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
1,3,5-Trimethylbenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	3900
1,2,4-Trimethylbenzene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	4800
trans-1,4-Dichloro-2-butene	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE
Ethyl ether	8260	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	ND(1.25)	NE	NE	NE

NOTES AND ABBREVIATIONS:
1. Inorganic/wet chemistry, metals, and VOCs analyzed by Alpha Analytical Laboratories of Westborough, MA.
2. Dissolved gases analyzed by MicroSeeps of Pittsburgh, PA.
3. ND(1): Not detected. Number in parantheses is one half the laboratory Reporting Limit.
4. (-): A hydrogen sample was not obtained for MW-A and MW-4 on 24 February 2005.
5. All parameters tested are presented in this table.
6. GA Groundwater Protection Criteria, Surface Water Criteria, and Industrail Volitalization Criteria for groundwater are from Appendices C, D and E of the CTDEP Remediation Standard Regulations.
7. Refer to Figure 2 "Site Plan" for sampling locations.
8. NE: regulatory criterion not established for this parameter.

Haley & Aldrich, Inc. Draft

TABLE II

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOVINO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter	Sample Number / Sampling Date	MW-3								GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
		19-Aug-94	23-Jun-95	5-Aug-96	8-May-97	28-May-98	12-Jul-99	14-Jun-00	23-Feb-05 DL			
Volatile Organic Compounds (ug/L):												
trans-1,2-Dichloroethene		ND<1	ND	1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene		-- [b]	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	70	NE	NE
Toluene		ND<1	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	1000	4000000	2815
Trichloroethene		ND<1	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	5	2340	16
Dissolved Gases (ug/L):												
Methane		--	--	--	--	--	--	--	ND(0.015)	NE	NE	NE
Ethane		--	--	--	--	--	--	--	ND(5)	NE	NE	NE
Ethene		--	--	--	--	--	--	--	ND(5)	NE	NE	NE
Hydrogen (nM/L)		--	--	--	--	--	--	--	1.00	NE	NE	NE
Total Organic Carbon (mg/L):		--	--	--	--	--	--	250	N/A	NE	NE	NE
Total Metals (mg/L):												
Cadmium		--	--	0.003	--	0.006	0.016	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium		--	--	0.04	--	0.09	0.09	ND<0.05	ND[0.01]	0.05	NE	NA
Copper		--	--	2.14	--	5.22	12.87	ND<0.05	0.04	1.3	0.046	NA
Lead		--	--	0.028	--	0.062	0.148	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	0.09	NE	NE	NA
Iron		--	--	--	--	--	--	ND<0.1	0.56	NE	NE	NA
Dissolved Metals (mg/L)												
Cadmium		--	ND	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium		--	ND	ND<0.02	ND<0.02	ND<0.02	0.02	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		--	ND	ND<0.04	ND<0.04	ND<0.02	0.03	ND<0.05	0.02	1.3	0.046	NA
Lead		--	ND	ND<0.001	0.001	ND<0.001	ND<0.001	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	ND(0.01)	NE	NE	NA
Iron		--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L):												
Alkalinity		--	--	--	--	--	--	250	154.00	NE	NE	NE
Ammonia		--	--	--	--	--	--	--	ND(0.075)	NE	NE	NE
Nitrate		--	--	--	--	--	--	1.1	3.20	NE	NE	NE
Nitrite		--	--	--	--	--	--	ND<0.10	ND(0.1)	NE	NE	NE
Chloride		--	--	--	--	--	--	--	52.00	NE	NE	NE
Sulfate		--	--	--	--	--	--	12	72.00	NE	NE	NE
Sulfide		--	--	--	--	--	--	--	--	NE	NE	NE
Sulfide									ND(0.5)			

[See Notes at end of Table II]

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MAY 20 2005 5:50 PM FR HALEY ALDRICH 860 282 9500 TO 12032507527 P.07

MAY 20 2005 5:50 PM FR HALEY ALDRICH 860 282 9500 TO 12032507527 P.08

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
EOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter / Sample Number / Sampling Date	19-Jun-94	29-Jun-96	9-Aug-96	MW-2 8-May-97	28-May-98	21-Jun-99	14-Jun-00	22-Feb-05 DL	CA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L):											
trans-1,2-DichloroEthene	ND<1	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene	--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	70	NE	NE
Toluene	ND<1	ND	ND<1	ND<1	ND<1	11.3	ND<1	ND(0.75)	1000	4000000	2615
TrichloroEthene	1	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	5	2244	18
Dissolved Gases (ug/L):											
Methane	--	--	--	--	--	--	ND<0.2 (c)	0.04	NE	NE	NE
Ethane	--	--	--	--	--	--	ND<0.01	ND(5)	NE	NE	NE
Ethene	--	--	--	--	--	--	ND<0.01	ND(5)	NE	NE	NE
Hydrogen (nM/L)	--	--	--	--	--	--	0.5	0.68	NE	NE	NE
Total Organic Carbon (mg/L):	--	--	--	--	--	--	6.4	NA	NE	NE	NE
Total Metals (mg/L):											
Cadmium	--	--	ND<0.001	--	0.002	0.002	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium	--	--	ND<0.02	--	ND<0.02	0.16	ND<0.05	ND(0.01)	0.05	NE	NA
Copper	--	--	0.48	--	5.57	5.76	ND<0.05	ND(0.01)	1.3	0.048	NA
Lead	--	--	0.084	--	0.121	5.021	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese	--	--	--	--	--	--	ND<0.05	ND(0.01)	NE	NE	NA
Iron	--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Dissolved Metals (mg/L):											
Cadmium	--	ND	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium	--	ND	ND<0.02	ND<0.02	ND<0.02	0.03	ND<0.05	ND(0.01)	0.05	NE	NA
Copper	--	ND	ND<0.04	ND<0.04	ND<0.02	0.02	ND<0.05	ND(0.01)	1.3	0.048	NA
Lead	--	ND	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese	--	--	--	--	--	--	ND<0.05	ND(0.01)	NE	NE	NA
Iron	--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L):											
Alkalinity	--	--	--	--	--	--	260	150.00	NE	NE	NE
Ammonia	--	--	--	--	--	--	ND<0.01	ND(0.075)	NE	NE	NE
Nitrate	--	--	--	--	--	--	1.5	4.80	NE	NE	NE
Nitrite	--	--	--	--	--	--	ND<0.10	ND(0.1)	NE	NE	NE
Chloride	--	--	--	--	--	--	19	54.00	NE	NE	NE
Sulfate	--	--	--	--	--	--	14	24.00	NE	NE	NE
Sulfide	--	--	--	--	--	--	ND<5.0	--	NE	NE	NE
Sulfite								ND(0.5)			

(See Notes at end of Table II)

MAY 20 2005 5:50 PM FR HALEY ALDRICH 860 282 9500 TO 12032507527 P.09

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOYANO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter	Sample Number / Sampling Date	19-Jun-94	29-July-95	6-Aug-96	MW-3 8-May-97	26-May-98	21-Jun-99	14-Jun-00	22-Feb-05 DL	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L):												
trans-1,2,-Dichloroethene		ND<1	4	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene		--	ND	8	22	22.5	8.9	ND<1	ND(0.5)	70	NE	NE
Toluene		ND<1	ND	ND<1	ND<1	ND<1	5.4	ND<1	ND(0.75)	1000	4000000	2815
Trichloroethene		50	7	12	20	ND<1	3.5	ND<1	ND(0.5)	5	2340	18
Dissolved Gases (ug/L):												
Methane		--	--	--	--	--	--	ND<0.2	7.00	NE	NE	NE
Ethane		--	--	--	--	--	--	ND<0.01	ND(5)	NE	NE	NE
Ethene		--	--	--	--	--	--	ND<0.01	ND(5)	NE	NE	NE
Hydrogen (nM/L)		--	--	--	--	--	--	0.4	1.04	NE	NE	NE
Total Organic Carbon (mg/L):		--	--	--	--	--	--	1.4		NE	NE	NE
Total Metals (mg/L):												
Cadmium		--	--	0.002	--	0.002	0.003	ND<0.005	ND(0.005)	0.005	0.006	NA
Chromium		--	--	0.07	--	0.05	0.05	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		--	--	0.23	--	0.25	0.28	ND<0.05	ND(0.01)	1.3	0.048	NA
Lead		--	--	0.169	--	0.058	0.118	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	ND(0.01)	NE	NE	NA
Iron		--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Dissolved Metals (mg/L):												
Cadmium		--	ND	ND<0.001	ND<0.004	ND<0.001	ND<0.001	ND<0.005	ND(0.005)	0.005	0.006	NA
Chromium		--	0.22	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		--	0.74	ND<0.04	ND<0.04	ND<0.02	ND<0.02	ND<0.05	ND(0.01)	1.3	0.048	NA
Lead		--	0.306	ND<0.006	ND<0.001	ND<0.001	ND<0.001	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	ND(0.01)	NE	NE	NA
Iron		--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L):												
Alkalinity		--	--	--	--	--	--	33	44.00	NE	NE	NE
Ammonia		--	--	--	--	--	--	ND<0.10	ND(0.075)	NE	NE	NE
Nitrate		--	--	--	--	--	--	1.7	4.40	NE	NE	NE
Nitrite		--	--	--	--	--	--	ND<0.10	ND(0.1)	NE	NE	NE
Chloride		--	--	--	--	--	--	13	24.00	NE	NE	NE
Sulfate		--	--	--	--	--	--	10	ND(10)	NE	NE	NE
Sulfide		--	--	--	--	--	--	ND<1.0	--	NE	NE	NE
Sulfite									ND(0.5)			

(See Notes at end of Table A)

MAY 20 2005 5:50 PM FR HALEY ALDRICH 860 282 9500 TO 12032507527 P.10

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOVARO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter	Sample Number / Sampling Date	19-Jun-84	29-Jun-95	26-Aug-96	MW-4 / 6-May-97	28-May-98	21-Jun-99	14-Jun-00	24-Feb-05 GL	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L)												
trans-1,2-Dichloroethene		–	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene		–	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	70	NE	NE
Toluene		–	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	1000	400,000	2816
Trichloroethene		–	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	5	2340	95
Dissolved Gases (ug/L)												
Methane		–	–	–	–	–	–	ND<0.2	650.00	NE	NE	NE
Ethane		–	–	–	–	–	–	ND<0.01	ND(5)	NE	NE	NE
Ethene		–	–	–	–	–	–	ND<0.01	ND(5)	NE	NE	NE
Hydrogen (nM/L)		–	–	–	–	–	–	0.4	–	NE	NE	NE
Total Organic Carbon (mg/L)		–	–	–	–	–	–	2		NE	NE	NE
Total Metals (mg/L)												
Cadmium		–	–	0.005	–	0.002	0.003	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium		–	–	0.18	–	0.03	0.03	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		–	–	5.7	–	2.53	2.94	ND<0.05	0.02	1.3	0.043	NA
Lead		–	–	0.038	–	0.51	0.504	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		–	–	–	–	–	–	ND<0.05	0.12	NE	NE	NA
Iron		–	–	–	–	–	–	ND<0.1	2.00	NE	NE	NA
Dissolved Metals (mg/L)												
Cadmium		–	0.03	ND<0.005	ND<0.001	ND<0.001	ND<0.001	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium		–	0.45	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		–	13.5	ND<0.01	ND<0.001	ND<0.02	ND<0.02	ND<0.05	ND(0.01)	1.3	0.046	NA
Lead		–	0.52	ND<0.001	0.009	ND<0.001	ND<0.001	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		–	–	–	–	–	–	ND<0.05	ND(0.01)	NE	NE	NA
Iron		–	–	–	–	–	–	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L)k												
Alkalinity		–	–	–	–	–	–	260	154.00	NE	NE	NE
Ammonia		–	–	–	–	–	–	2.8	ND(0.075)	NE	NE	NE
Nitrate		–	–	–	–	–	–	1.5	3.20	NE	NE	NE
Nitrite		–	–	–	–	–	–	ND<0.10	ND(0.1)	NE	NE	NE
Chloride		–	–	–	–	–	–	19	52.00	NE	NE	NE
Sulfide		–	–	–	–	–	–	13	22.00	NE	NE	NE
Sulfate		–	–	–	–	–	–	ND<1.0	–	NE	NE	NE
(See Notes at end of Table II)									ND(0.5)			

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOYANO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter / Sample Number / Sampling Date	19-Jun-84	22-Jun-95	25-Aug-96	MW-A 6-May-97	28-May-98	21-Jun-99	14-Jun-00	24-Feb-05 DL	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L)											
trans-1,2-Dichloroethene	--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene	--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	70	NE	NE
Toluene	--	ND	ND<1	ND<1	ND<1	15.7	ND<1	ND(0.75)	1000	4000000	2645
Trichloroethene	--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	ND(0.5)	5	2340	16
Dissolved Gases (ug/L)											
Methane	--	--	--	--	--	--	3.3	1.52	NE	NE	NE
Ethane	--	--	--	--	--	--	ND<0.01	ND(5)	NE	NE	NE
Ethene	--	--	--	--	--	--	ND<0.01	11.00	NE	NE	NE
Hydrogen (nM/L)	--	--	--	--	--	--	0.4		NE	NE	NE
Total Organic Carbon (mg/L)	--	--	--	--	--	--	2.6		NE	NE	NE
Total Metals (mg/L)											
Cadmium	--	--	0.015	--	0.005	0.014	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium	--	--	0.19	--	0.03	0.17	ND<0.05	0.02	0.05	NE	NA
Copper	--	--	0.79	--	0.13	1.02	ND<0.05	0.03	1.3	0.048	NA
Lead	--	--	0.195	--	0.035	0.074	ND<0.013	0.09	0.015	0.013	NA
Manganese	--	--	--	--	--	--	0.053	4.40	NE	NE	NA
Iron	--	--	--	--	--	--	ND<0.1	32.00	NE	NE	NA
Dissolved Metals (mg/L)											
Cadmium	--	ND	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium	--	ND	ND<0.02	ND<0.02	ND<0.02	0.02	ND<0.05	ND(0.01)	0.05	NE	NA
Copper	--	ND	ND<0.04	ND<0.04	ND<0.02	0.03	ND<0.05	ND(0.01)	1.3	0.048	NA
Lead	--	ND	0.003	ND<0.001	ND<0.001	ND<0.001	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese	--	--	--	--	--	--	0.053	ND(0.01)	NE	NE	NA
Iron	--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L)											
Alkalinity	--	--	--	--	--	--	25	132.00	NE	NE	NE
Ammonia	--	--	--	--	--	--	ND<0.10	ND(0.075)	NE	NE	NE
Nitrate	--	--	--	--	--	--	0.28	1.22	NE	NE	NE
Nitrite	--	--	--	--	--	--	ND<0.10	ND(0.1)	NE	NE	NE
Chloride	--	--	--	--	--	--	9.5	35.00	NE	NE	NE
Sulfate	--	--	--	--	--	--	5	25.00	NE	NE	NE
Sulfide	--	--	--	--	--	--	ND<1.0	--	NE	NE	NE
Sulfite								ND(0.5)			

(See Notes at end of Table I)

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TABLE I (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter	Sample Number / Sampling Date	Sep-82	19-Jun-84	29-Jun-95	26-Aug-96	MW-B 8-May-97	28-May-98	21-Jun-99	13-Jun-00	23-Feb-05 GL	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L)													
trans-1,2-Dichloroethene		--	--	ND	ND<1	ND<1	--	--	ND<1	ND(0.75)	100	NE	NE
cis-1,2-Dichloroethene		--	--	ND	ND<1	ND<1	--	--	ND<1	ND(0.5)	70	NE	NE
Toluene		--	--	ND	ND<1	ND<1	--	--	ND<1	ND(0.75)	1000	4000000	2015
Trichloroethene		1220	--	ND	ND<1	ND<1	--	--	ND<1	ND(0.5)	5	2340	16
Dissolved Gases (ug/L)													
Methane		--	--	--	--	--	--	--	--	0.18	NE	NE	NE
Ethane		--	--	--	--	--	--	--	--	ND(5)	NE	NE	NE
Ethene		--	--	--	--	--	--	--	--	ND(5)	NE	NE	NE
Hydrogen (nM/L)		--	--	--	--	--	--	--	--	0.68	NE	NE	NE
Total Organic Carbon (mg/L)		--	--	--	--	--	--	--	--		NE	NE	NE
Total Metals (mg/L)													
Cadmium		--	--	--	0.002	--	--	--	ND<0.005	ND(0.005)	0.005	0.008	NA
Chromium		--	--	--	0.04	--	--	--	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		--	--	--	0.18	--	--	--	ND<0.05	ND(0.01)	1.3	0.043	NA
Lead		--	--	--	0.151	--	--	--	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	--	0.12	0.64	NE	NE	NA
Iron		--	--	--	--	--	--	--	ND<0.1	0.28	NE	NE	NA
Dissolved Metals (mg/L)													
Cadmium		--	--	ND	ND<0.001	ND<0.001	--	--	ND<0.005	ND(0.005)	0.005	0.005	NA
Chromium		--	--	ND	ND<0.02	ND<0.02	--	--	ND<0.05	ND(0.01)	0.05	NE	NA
Copper		--	--	ND	ND<0.04	ND<0.04	--	--	ND<0.05	ND(0.01)	1.3	0.043	NA
Lead		--	--	ND	0.002	ND<0.001	--	--	ND<0.013	ND(0.01)	0.015	0.013	NA
Manganese		--	--	--	--	--	--	--	0.53	0.64	NE	NE	NA
Iron		--	--	--	--	--	--	--	ND<0.1	ND(0.05)	NE	NE	NA
Inorganics (mg/L)													
Alkalinity		--	--	--	--	--	--	--	15	58.00	NE	NE	NE
Ammonia		--	--	--	--	--	--	--	--	ND(0.075)	NE	NE	NE
Nitrate		--	--	--	--	--	--	--	ND<0.10	1.08	NE	NE	NE
Nitrite		--	--	--	--	--	--	--	ND<0.10	ND(0.1)	NE	NE	NE
Chloride		--	--	--	--	--	--	--	--	19.20	NE	NE	NE
Sulfate		--	--	--	--	--	--	--	17	28.00	NE	NE	NE
Sulfide		--	--	--	--	--	--	--	--	--	NE	NE	NE
Sulfite										ND(0.5)			

(See Notes at end of Table II)

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOVARIO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter	Sample Number / Sampling Date	19-Jun-84	29-Jan-86	26-Aug-95	MW-C 5-May-97	28-May-98	21-Jun-99	14-Jun-00	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L)											
trans-1,2-Dichloroethene		--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	100	NE	NE
cis-1,2-Dichloroethene		--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	70	NE	NE
Toluene		--	ND	ND<1	ND<1	ND<1	10.1	ND<1	9000	4000000	2815
Trichloroethene		--	ND	ND<1	ND<1	ND<1	ND<1	ND<1	5	2340	16
Dissolved Gases (ug/L)											
Methane		--	--	--	--	--	--	--	NE	NE	NE
Ethane		--	--	--	--	--	--	--	NE	NE	NE
Ethene		--	--	--	--	--	--	--	NE	NE	NE
Hydrogen (nM/L)		--	--	--	--	--	--	--	NE	NE	NE
Total Organic Carbon (mg/L)		--	--	--	--	--	--	--	NE	NE	NE
Total Metals (mg/L):											
Cadmium		--	--	0.003	--	ND<0.001	0.002	ND<0.005	0.005	0.005	NA
Chromium		--	--	0.14	--	0.02	0.03	ND<0.05	0.05	NE	NA
Copper		--	--	0.572	--	0.12	0.22	ND<0.05	1.3	0.048	NA
Lead		--	--	0.152	--	0.019	0.03	ND<0.013	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	NE	NE	NA
Iron		--	--	--	--	--	--	0.17	NE	NE	NA
Dissolved Metals (mg/L)											
Cadmium		--	ND	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.005	0.005	0.005	NA
Chromium		--	ND	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.05	0.05	NE	NA
Copper		--	ND	ND<0.04	ND<0.04	ND<0.02	ND<0.02	ND<0.05	1.3	0.048	NA
Lead		--	ND	ND<0.003	ND<0.001	0.001	ND<0.001	ND<0.013	0.015	0.013	NA
Manganese		--	--	--	--	--	--	ND<0.05	NE	NE	NA
Iron		--	--	--	--	--	--	0.16	NE	NE	NA
Inorganics (mg/L):											
Alkalinity		--	--	--	--	--	--	51	NE	NE	NE
Ammonia		--	--	--	--	--	--	--	NE	NE	NE
Nitrate		--	--	--	--	--	--	0.6	NE	NE	NE
Nitrite		--	--	--	--	--	--	ND<0.10	NE	NE	NE
Chloride		--	--	--	--	--	--	--	NE	NE	NE
Sulfate		--	--	--	--	--	--	12	NE	NE	NE
Sulfide		--	--	--	--	--	--	--	NE	NE	NE
(See Notes at end of Table II)											

MAY 20 2005 5:50 PM FR HALEY ALDRICH 860 282 9500 TO 12032507527 P.13

TABLE II (continued)

RESULTS OF CHEMICAL TESTING OF GROUNDWATER
BOVANO OF CHESHIRE
CHESHIRE, CONNECTICUT

Parameter / Sample Number / Sampling Date	GP-1 24-Jul-97	GA Groundwater Protection Criteria	Surface Water Protection Criteria	Industrial Volatilization Criteria
Volatile Organic Compounds (ug/L)				
trans-1,2-Dichloroethene	ND<5	100	NE	NE
cis-1,2-Dichloroethene	ND<5	70	NE	NE
Toluene	ND<5	1000	4000000	2615
Trichloroethene	ND<5	5	2340	16
Dissolved Gases (ug/L)				
Methane	--	NE	NE	NE
Ethane	--	NE	NE	NE
Ethene	--	NE	NE	NE
Hydrogen (nM/L)	--	NE	NE	NE
Total Organic Carbon (mg/L)	--	NE	NE	NE
Total Metals (mg/L):				
Cadmium	--	0.005	0.005	NA
Chromium	--	0.05	NE	NA
Copper	--	1.3	0.048	NA
Lead	--	0.015	0.013	NA
Manganese	--	NE	NE	NA
Iron	--	NE	NE	NA
Dissolved Metals (mg/L):				
Cadmium	--	0.005	0.005	NA
Chromium	--	0.05	NE	NA
Copper	--	1.3	0.048	NA
Lead	--	0.015	0.013	NA
Manganese	--	NE	NE	NA
Iron	--	NE	NE	NA
Inorganics (mg/L)				
Alkalinity	--	NE	NE	NE
Ammonia	--	NE	NE	NE
Nitrate	--	NE	NE	NE
Nitrite	--	NE	NE	NE
Chloride	--	NE	NE	NE
Sulfate	--	NE	NE	NE
Sulfide	--	NE	NE	NE

Notes:

1. Laboratory results for the February 2005 sampling are presented in Appendix B.
2. Sept-82 groundwater results are taken from a TRC Environmental Consultants, Inc. (TRC) report on "Preliminary Report of Ground Water Investigation at Bovano Industries of Cheshire" dated November 1982
3. Jun-84 groundwater results are taken from a TRC report on "Technical Report to Bovano Industries on Ground Water Investigations" dated 13 July 1984.
4. May-85 groundwater results are taken from a letter to Bovano Industries from the CTDEP dated 11 July 1985.
5. 25-Jun-86 groundwater results are taken from an HRP Associates, Inc. report on "Phase I Environmental Site Assessment, Bovano of Cheshire, 630 South Main Street, Cheshire, Connecticut (HRP# BOV-0002.P2)" dated 27 July 1986.
6. GA Groundwater Protection Criteria, Surface Water Criteria, and Industrial Volatilization Criteria for groundwater are from Appendices C, D and E of the CTDEP Remediation Standard Regulations
7. ND<1: analyte not detected above the laboratory detection limit.
8. Refer to Figure 2 "Site Plan" for sampling locations.
9. Values printed in bold are at or exceed relevant criteria.
10. NE: regulatory criterion not established for this parameter.
11. NA: not applicable
12. -- parameter not tested for.
13. Sample GP-1 collected in Town of Cheshire Right-of-Way along the north side of Stony Hill Road. Refer to Figure 2