Click Here to Return to Main Document

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-1A Upper Aquifer	MW-1A Upper Aquifer	MW-1A Upper Aquifer	MW-1A Upper Aquifer
Date							1/10/2001	4/2/2001	7/17/2001	10/12/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.85	6.68	6.69	6.68
Turbidity (NTU)	N/A	0.1	5	--	--	--	**39.2**	**18.2**	**43.4**	0.4
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	3.92	3.41	0	0
Redox Potential (mv)	N/A	1	--	--	--	--	-107	-11.7	-129	-110
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	498	387	370	300
Temperature (deg. C.)	N/A	0.1	--	--	--	--	11.33	12.65	14	14.3
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	24.36	23.17	23.06	24.50
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	38.01	39.2	39.31	37.87
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	0.10	0.09	0.14	0.09
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	BDL	0.22
Alkalinity, Total	310.1	5	--	--	--	--	121	42	67	23
BOD-5 Day	405.1	2	--	--	--	--	BDL	BDL	BDL	BDL
Chloride	325.3	3	250	--	--	--	52.9	46	19	41
COD	410.2	10	--	--	--	--	16	12	13	BDL
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	**PRESENT**	ABSENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	98	73	53.6	50.2
Sulfate	375.4	3	250	--	--	--	48	58	11	14
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	4.0	3.3	3.8	1.3
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	BDL	BDL	0.0231	BDL
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	254	213	170	110
Total Suspended Solids -TSS	160.2	5	--	--	--	--	63	37	21	20
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	1.1	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.06	0.09	BDL	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	**0.006**	**0.005**
Barium, Total	200.7	0.002	1	1	--	--	0.130	0.090	0.074	0.053
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	0.002	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	30.3	16.1	16	15
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	0.001
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	0.0020
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**24.3**	**15.3**	**17**	**11.3**
Iron, Total	200.7	0.002	0.3	--	--	--	**29.6**	**17.4**	**19.2**	**15.2**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	6.91	3.36	3.32	3.1
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**4.40**	**2.76**	**3.75**	**2.33**
Manganese, Total	200.7	0.001	0.05	--	--	--	**4.40**	**2.81**	**4.00**	**2.76**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	0.0030
Potassium, Dissolved	258.1	0.1	--	--	--	--	2.98	2.25	2.1	1.5
Potassium, Total	258.1	0.3	--	--	--	--	3.19	2.25	2.22	2
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.001
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**42.2**	**33.5**	23	12
Sodium, Total	273.1	0.02	28.0	--	--	--	**42.2**	**33.5**	22.4	14.4
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	BDL	0.009
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-1A Upper Aquifer	MW-1A Upper Aquifer	MW-1A Upper Aquifer	MW-1A Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U. = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-1B Upper Aquifer	MW-1B Upper Aquifer	MW-1B Upper Aquifer	MW-1B Upper Aquifer
Date							1/10/2001	4/2/2001	7/17/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	**6**	**6.12**	**6.2**	**6.09**
Turbidity (NTU)	N/A	0.1	5	--	--	--	**7.19**	4.1	**42.9**	**9.8**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	0.37	0.31	0	0
Redox Potential (mv)	N/A	1	--	--	--	--	-83	-34.1	-91	-105
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	593	575	770	700
Temperature (deg. C.)	N/A	0.1	--	--	--	--	10	11.6	13.6	14.3
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	24.20	23.13	23.67	24.49
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	36.88	37.95	37.41	36.59
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	2.65	2.09	4.1	3.3
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	0.13	BDL
Alkalinity, Total	310.1	5	--	--	--	--	169	160	260	180
BOD-5 Day	405.1	2	--	--	--	--	9	5	8.4	BDL
Chloride	325.3	3	250	--	--	--	42.7	38	42	31
COD	410.2	10	--	--	--	--	32	38	53	46
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	PRESENT	PRESENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	105	125	135	120
Sulfate	375.4	3	250	--	--	--	53	23	BDL	BDL
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	10.0	12.9	14	7.8
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.1500	BDL	0.0339	0.0290
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	251	246	330	240
Total Suspended Solids -TSS	160.2	5	--	--	--	--	80	80	55	120
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	1.8	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.11	0.06	0.02	**0.232**
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	BDL
Barium, Total	200.7	0.002	1	1	--	--	0.320	0.290	0.380	0.307
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	26.1	25.2	32.1	29.5
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	0.003
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	0.0020
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**54.9**	**57.3**	**73.1**	**67.2**
Iron, Total	200.7	0.002	0.3	--	--	--	**57.3**	**57.3**	**79.1**	**69.9**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	10.9	8.81	13.30	11.30
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**4.68**	**5.03**	**7.77**	**6.14**
Manganese, Total	200.7	0.001	0.05	--	--	--	**5.04**	**5.03**	**8.21**	**6.45**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	BDL
Potassium, Dissolved	258.1	0.1	--	--	--	--	3.71	3.29	3.9	3.3
Potassium, Total	258.1	0.3	--	--	--	--	3.71	3.29	4.38	4.17
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	0.002	0.0019
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**30.3**	**29.6**	**29.5**	22.3
Sodium, Total	273.1	0.02	28.0	--	--	--	**30.3**	**29.6**	27.5	24
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.008	0.118
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	0.023	0.027*
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrite	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-1B Upper Aquifer	MW-1B Upper Aquifer	MW-1B Upper Aquifer	MW-1B Upper Aquifer
Bromoform	8260B	1	4	4	10800	—	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	—	—	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	—	—	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	—	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	—	4.0	BDL	4.3	3.4
Chlorodibromomethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	—	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	—	—	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	—	—	—	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	—	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	—	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	—	BDL	BDL	1.1	BDL
Dichlorodiflouromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	—	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	—	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	—	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	—	—	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	—	—	—	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	—	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	—	—	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	—	—	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	—	—	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	—	—	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	—	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	—	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	—	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	—	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	—	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	—	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	—	—	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	—	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	—	—	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

— = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

* Analysis performed following expiration of sample holding time

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-2A Upper Aquifer	MW-2A Upper Aquifer	MW-2A Upper Aquifer	MW-2A Upper Aquifer
Date							1/10/2001	4/2/2001	7/17/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	**6.28**	**6.28**	**6.22**	**6.16**
Turbidity (NTU)	N/A	0.1	5	--	--	--	0	**6.2**	**34.8**	**5.4**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	0.43	0.16	0	0
Redox Potential (mv)	N/A	1	--	--	--	--	-96	-97.6	-103	-104
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	610	583	740	700
Temperature (deg. C.)	N/A	0.1	--	--	--	--	12.09	12.4	13.4	14.4
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	25.17	23.91	24.46	25.44
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	35.96	37.22	36.67	35.69
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	2.51	1.69	3.6	4
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	0.12	0.13
Alkalinity, Total	310.1	5	--	--	--	--	151	152	270	170
BOD-5 Day	405.1	2	--	--	--	--	9	7	8.4	BDL
Chloride	325.3	3	250	--	--	--	38.9	27	35	34
COD	410.2	10	--	--	--	--	36	42	110	49
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	PRESENT	PRESENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	104	141	139	121
Sulfate	375.4	3	250	--	--	--	59	41	BDL	BDL
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	12.0	13.9	14	10
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.1340	BDL	0.0396	0.0580
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	248	236	330	260
Total Suspended Solids -TSS	160.2	5	--	--	--	--	98	134	64	110
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	1.8	0.78
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.05	BDL	**5.8**	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	0.003
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.014	0.004
Barium, Total	200.7	0.002	1	1	--	--	0.310	0.330	0.514	0.334
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	0.001	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.016	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	32.9	37.6	40.3	37.2
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	0.034	BDL
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	0.028	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	**0.0760**	0.0016
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**70.0**	**81.1**	**89.6**	**67.6**
Iron, Total	200.7	0.002	0.3	--	--	--	**70.9**	**89.9**	**130.0**	**89.9**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	6.96	6.74	9.3	6.89
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**4.70**	**4.93**	**6.05**	**4.96**
Manganese, Total	200.7	0.001	0.05	--	--	--	**4.97**	**5.44**	**7.06**	**5.58**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	0.0820	BDL
Potassium, Dissolved	258.1	0.1	--	--	--	--	3.74	3.27	3.6	3.3
Potassium, Total	258.1	0.3	--	--	--	--	3.74	3.36	4.87	4.29
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	0.001	BDL
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	19.8	12.2	24.6	18.5
Sodium, Total	273.1	0.02	28.0	--	--	--	19.8	12.2	21.5	20.5
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	0.033	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.146	0.11
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4-D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5-TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	0.024	BDL*
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	2.2	2.2
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-2A Upper Aquifer	MW-2A Upper Aquifer	MW-2A Upper Aquifer	MW-2A Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	2.6	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	1.0	BDL	3.6	1.1
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	2.0	BDL	2.3	2.1
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	1.2	1
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	2.4	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	1.5
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	4.9	2.3
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	3.7	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U. = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

* Analysis performed following expiration of sample holding time.

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-3 Upper Aquifer	MW-3 Upper Aquifer	MW-3 Upper Aquifer	MW-3 Upper Aquifer
Date							1/10/2001	4/2/2001	7/18/2001	10/11/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.74	6.64	6.55	**6.37**
Turbidity (NTU)	N/A	0.1	5	--	--	--	2	2.8	**40.8**	**14.4**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	4.9	0.56	0	0
Redox Potential (mv)	N/A	1	--	--	--	--	38	35.5	-1	-28
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	818	520	1100	1200
Temperature (deg. C.)	N/A	0.1	--	--	--	--	7.8	5.28	12.7	13.8
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	6.15	2.26	6.49	6.72
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	17.44	21.33	17.1	16.87
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	1.97	5.76	9.70	11.00
Nitrate as N	353.2	0.1	10	--	--	--	2.64	1.67	0.13	0.18
Alkalinity, Total	310.1	5	--	--	--	--	287	194	300	330
BOD-5 Day	405.1	2	--	--	--	--	BDL	BDL	BDL	BDL
Chloride	325.3	3	250	--	--	--	94.6	45	97	100
COD	410.2	10	--	--	--	--	44	27	50	56
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	**PRESENT**	**PRESENT**	**PRESENT**	20
Hardness(CaCO3)	130.1	0.1	250	--	--	--	222	135	**257**	245
Sulfate	375.4	3	250	--	--	--	22	19	9.1	5.5
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	17.0	13.2	16.0	8.0
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.0580	0.0400	0.1010	0.0840
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	**507**	311	**510**	490
Total Suspended Solids -TSS	160.2	5	--	--	--	--	5	BDL	BDL	6.5
Fluoride	340.2	0.1	2	--	--	--	0.32	0.33	2	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	BDL	BDL	BDL	0.035
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.001	BDL
Barium, Total	200.7	0.002	1	1	--	--	0.220	0.140	0.269	0.291
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	62.7	32.4	61.9	66.0
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	BDL
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0090	0.0030
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**0.479**	**0.534**	**0.656**	**1.11**
Iron, Total	200.7	0.002	0.3	--	--	--	**0.597**	**0.550**	**0.804**	**1.350**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	19.0	9.12	24.9	19.5
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**0.87**	**0.53**	**1.06**	**1.22**
Manganese, Total	200.7	0.001	0.05	--	--	--	**0.89**	**0.53**	**1.25**	**1.43**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	0.0100	BDL	BDL	0.0110
Potassium, Dissolved	258.1	0.1	--	--	--	--	27.0	16.6	21.0	9.3
Potassium, Total	258.1	0.3	--	--	--	--	27.0	17.0	23.0	15.5
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.002
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**65.9**	**41.8**	**72.5**	**58**
Sodium, Total	273.1	0.02	28.0	--	--	--	**65.9**	**41.8**	**84**	**68.2**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	BDL	0.019
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	BDL	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	BDL	BDL	BDL
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	BDL	BDL
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	BDL	BDL	BDL
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	BDL	BDL
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	BDL	BDL
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	BDL	BDL	BDL
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	BDL	BDL	BDL
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	BDL	BDL	BDL
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	BDL	BDL	BDL
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	BDL	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	BDL	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-3 Upper Aquifer	MW-3 Upper Aquifer	MW-3 Upper Aquifer	MW-3 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	7.8
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	3.0	1.8	3.0
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	1.0	BDL	1.5
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	1.1
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-4R Upper Aquifer	MW-4R Upper Aquifer	MW-4R Upper Aquifer	MW-4R Upper Aquifer
Date							1/10/2001	4/2/2001	7/18/2001	10/11/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	—	—	—	6.8	6.83	6.58	6.6
Turbidity (NTU)	N/A	0.1	5	—	—	—	**28.6**	**6.4**	**43.2**	**11.5**
Dissolved Oxygen (ppm)	N/A	0.01	—	—	—	—	0.92	4.29	0	0
Redox Potential (mv)	N/A	1	—	—	—	—	-131	-103.1	-134	-141
Specific Conductivity (umhos/cm)	N/A	0.01	—	—	—	—	1480	1327	1600	1800
Temperature (deg C.)	N/A	0.1	—	—	—	—	12.71	14.25	18.4	18.9
Depth to Groundwater (feet)	N/A	0.01	—	—	—	—	12.95	10.62	12.54	14.98
Groundwater Elevation (feet)	N/A	0.01	—	—	—	—	30.92	33.25	31.33	28.89
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	—	—	—	99	77.3	73.9	70	74
Nitrate as N	353.2	0.1	10	—	—	—	BDL	BDL	0.12	0.24
Alkalinity, Total	310.1	5	—	—	—	—	513	518	510	460
BOD-5 Day	405.1	2	—	—	—	—	7	5	BDL	BDL
Chloride	325.3	3	250	—	—	—	124	110	100	120
COD	410.2	10	—	—	—	—	72	61	69	100
Total Coliform Bacteria-per 100 ml	9222B	0	1	—	—	—	PRESENT	PRESENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	—	—	—	155	168	92.8	147
Sulfate	375.4	3	250	—	—	—	64	20	BDL	BDL
Total Organic Carbon - TOC	9060.0	1	—	—	—	—	26.0	26.9	23	21
Total Organic Halogens - TOX	9020	0.015	—	—	—	—	0.0780	0.0580	0.1070	0.1080
Total Dissolved Solids - TDS	160.1	5	500	—	—	—	466	489	460	460
Total Suspended Solids -TSS	160.2	5	—	—	—	—	68	64	62	54
Fluoride	340.2	0.1	2	—	—	—	0.18	0.17	2.1	1.6
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	—	—	—	BDL	BDL	0.16	0.027
Antimony, Total	204.2	0.003	0.006	0.006	86	—	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	**0.026**	**0.024**
Barium, Total	200.7	0.002	1	1	—	—	0.420	0.430	0.425	0.415
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	—	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	—	—	—	—	31.0	30.1	30.6	29
Chromium, Hexavalent	218.5	0.01	0.05	—	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	—	BDL	BDL	BDL	0.003
Cobalt, Total	219.2	0.002	—	—	—	—	BDL	BDL	BDL	0.003
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	0.0010
Iron, Dissolved	200.7	0.002	0.3	—	—	—	**18.7**	**23.7**	**24.6**	**21.7**
Iron, Total	200.7	0.002	0.3	—	—	—	**21.0**	**27.6**	**30.3**	**24.3**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	—	—	—	—	20.3	18.3	3.97	18
Manganese, Dissolved	200.7	0.002	0.05	—	—	—	**0.51**	**0.53**	**0.55**	**0.58**
Manganese, Total	200.7	0.001	0.05	—	—	—	**0.520**	**0.560**	**0.663**	**0.626**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	0.0100	BDL	0.0070	0.0100
Potassium, Dissolved	258.1	0.1	—	—	—	—	41.8	35.6	30	24.5
Potassium, Total	258.1	0.3	—	—	—	—	41.8	36.1	36.70	29.30
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	0.002	0.003
Sodium, Dissolved	273.1	0.02	28.0	—	—	—	**87.6**	**75.2**	**73.1**	**68.0**
Sodium, Total	273.1	0.02	28.0	—	—	—	**87.6**	**75.2**	**91.8**	**76.0**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	—	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	—	—	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	BDL	0.012
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	—	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	—	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	—	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	—	—	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	—	—	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	—	—	—	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	—	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	—	—	—	—	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	—	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	—	**2.0**	**2.0**	**2.3**	**2.7**
Bromobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	—	—	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-4R Upper Aquifer	MW-4R Upper Aquifer	MW-4R Upper Aquifer	MW-4R Upper Aquifer
Bromoform	8260B	1	4	4	10800	—	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	—	—	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	—	—	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	—	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	—	7.0	5.0	11	9.8
Chlorodibromomethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	—	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	—	—	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	—	—	—	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	—	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	—	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	—	BDL	BDL	1.5	1.6
Dichlorodiflouromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	—	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	—	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	—	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	—	—	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	—	—	—	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	—	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	—	—	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	—	—	BDL	BDL	BDL	1.3
p-Isopropyltoluene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	—	—	—	—	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	—	—	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	—	—	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	—	—	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	—	—	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	—	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	—	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	—	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	—	—	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	—	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	—	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	—	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	—	—	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	—	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	—	—	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

— = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-5 Upper Aquifer	MW-5 Upper Aquifer	MW-5 Upper Aquifer	MW-5 Upper Aquifer
Date							1/10/2001	4/2/2001	7/23/2001	10/12/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	—	—	—	6.65	6.84	6.87	**6.49**
Turbidity (NTU)	N/A	0.1	5	—	—	—	3	1.3	4.2	-1.8
Dissolved Oxygen (ppm)	N/A	0.01	—	—	—	—	2.82	3.84	6.43	0
Redox Potential (mv)	N/A	1	—	—	—	—	18	-46.7	11	-86
Specific Conductivity (umhos/cm)	N/A	0.01	—	—	—	—	3330	2566	4100	4200
Temperature (deg. C.)	N/A	0.1	—	—	—	—	7.5	8.16	14.4	13.5
Depth to Groundwater (feet)	N/A	0.01	—	—	—	—	2.75	2.00	3.12	3.71
Groundwater Elevation (feet)	N/A	0.01	—	—	—	—	24.73	25.48	24.36	23.77
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	—	—	—	99	5.59	3.08	2	2.8
Nitrate as N	353.2	0.1	10	—	—	—	BDL	BDL	BDL	0.02
Alkalinity, Total	310.1	5	—	—	—	—	151	426	260	160
BOD-5 Day	405.1	2	—	—	—	—	BDL	21	BDL	BDL
Chloride	325.3	3	250	—	—	—	**919**	**637**	**980**	**950**
COD	410.2	10	—	—	—	—	40	46	590	150
Total Coliform Bactena-per 100 ml	9222B	0	1	—	—	—	ABSENT	PRESENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	—	—	—	**697**	**752**	**1,020**	**1,010**
Sulfate	375.4	3	250	—	—	—	26	8	11	38
Total Organic Carbon - TOC	9060.0	1	—	—	—	—	5.0	26.2	12	6.7
Total Organic Halogens - TOX	9020	0.015	—	—	—	—	BDL	0.0240	0.0640	0.0430
Total Dissolved Solids - TDS	160.1	5	500	—	—	—	**1,880**	**1,684**	**2,300**	**2,100**
Total Suspended Solids -TSS	160.2	5	—	—	—	—	15	18	47	34
Fluoride	340.2	0.1	2	—	—	—	BDL	BDL	1.6	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	—	—	—	BDL	0.05	BDL	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	—	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.002	BDL
Barium, Total	200.7	0.002	1	1	—	—	0.330	0.460	**1.8**	**2.320**
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	—	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	—	—	—	—	286	276	404	379
Chromium, Hexavalent	218.5	0.01	0.05	—	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	—	BDL	BDL	BDL	BDL
Cobalt, Total	219.2	0.002	—	—	—	—	BDL	BDL	0.004	0.004
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0020	0.0010
Iron, Dissolved	200.7	0.002	0.3	—	—	—	**2.33**	**7.48**	**18.20**	**13.40**
Iron, Total	200.7	0.002	0.3	—	—	—	**2.56**	**7.69**	**21.70**	**14.30**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	—	—	—	—	15.5	15.8	3.84	14.3
Manganese, Dissolved	200.7	0.002	0.05	—	—	—	**5.40**	**6.70**	**9.88**	**11.00**
Manganese, Total	200.7	0.001	0.05	—	—	—	**5.40**	**6.87**	**11.70**	**11.10**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	0.0010
Potassium, Dissolved	258.1	0.1	—	—	—	—	73.5	68.0	67.0	86.0
Potassium, Total	258.1	0.3	—	—	—	—	73.5	69.3	67	96
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.003
Sodium, Dissolved	273.1	0.02	28.0	—	—	—	**222**	**198**	**172**	**242**
Sodium, Total	273.1	0.02	28.0	—	—	—	**222**	**198**	**229**	**272**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	—	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	—	—	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.02	0.01
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	—	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	—	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	—	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	—	—	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	—	—	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	—	—	—	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	—	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	—	—	—	—	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	—	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	—	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	—	—	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-5 Upper Aquifer	MW-5 Upper Aquifer	MW-5 Upper Aquifer	MW-5 Upper Aquifer
Bromoform	8260B	1	4	4	10800	---	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	---	---	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	---	---	BDL	BDL	8.3	BDL
n-Butylbenzene	8260B	1	61	61	---	---	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	---	---	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	---	---	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	---	---	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	---	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	---	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	---	---	---	---	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	---	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	---	---	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	---	---	---	---	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	---	---	---	---	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	---	---	---	---	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	---	---	---	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	---	---	---	---	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	---	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	---	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	---	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	---	---	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	---	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	---	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	---	---	1.0	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	---	---	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	---	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	---	---	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	---	---	---	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	---	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	---	---	---	---	BDL	682.0	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	---	---	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	---	---	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	---	---	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	---	---	---	---	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	---	---	---	---	BDL	9.0	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	---	---	BDL	3.0	BDL	BDL
Napthalene	8260B	1	280	280	---	---	BDL	BDL	2	BDL
n-Propylbenzene	8260B	1	61	61	---	---	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	---	---	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	---	---	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	---	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	---	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	---	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	---	---	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	---	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	---	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	---	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	---	---	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	---	---	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	---	---	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	---	---	---	---	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	---	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	---	---	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

--- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-9 Upper Aquifer	MW-9 Upper Aquifer	MW-9 Upper Aquifer	MW-9 Upper Aquifer
Date							1/10/2001	4/2/2001	7/24/2001	10/12/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.49	6.78	NA	6.55
Turbidity (NTU)	N/A	0.1	5	--	--	--	2	1.8	NA	-2.6
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	4.42	3.52	NA	4.09
Redox Potential (mv)	N/A	1	--	--	--	--	89	113.2	NA	33
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	159	152	NA	200
Temperature (deg. C.)	N/A	0.1	--	--	--	--	9.55	9.06	NA	14.1
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	9.21	8.84	NA	9.62
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	36.8	37.17	NA	36.39
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	BDL	BDL	NA	BDL
Nitrate as N	353.2	0.1	10	--	--	--	1.91	2.33	NA	1.8
Alkalinity, Total	310.1	5	--	--	--	--	35	48	NA	39
BOD-5 Day	405.1	2	--	--	--	--	BDL	BDL	NA	BDL
Chloride	325.3	3	250	--	--	--	8.0	10	NA	12
COD	410.2	10	--	--	--	--	BDL	BDL	NA	BDL
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	ABSENT	ABSENT	NA	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	48	65	NA	51
Sulfate	375.4	3	250	--	--	--	18	13	NA	14
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	BDL	BDL	NA	BDL
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	BDL	0.0290	NA	BDL
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	90	112	NA	93
Total Suspended Solids -TSS	160.2	5	--	--	--	--	BDL	BDL	NA	BDL
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	NA	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	NA	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	BDL	BDL	NA	0.023
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	NA	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	NA	BDL
Barium, Total	200.7	0.002	1	1	--	--	0.060	0.050	NA	0.060
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	NA	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	NA	BDL
Calcium, Total	215.1	1	--	--	--	--	18.5	19.4	NA	19
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	NA	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	NA	0.003
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	NA	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	NA	BDL
Iron, Dissolved	200.7	0.002	0.3	--	--	--	0.052	0.021	NA	0.004
Iron, Total	200.7	0.002	0.3	--	--	--	0.052	0.024	NA	0.033
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	NA	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	1.38	1.25	NA	0.9
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	BDL	BDL	NA	BDL
Manganese, Total	200.7	0.001	0.05	--	--	--	BDL	BDL	NA	0.002
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	NA	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	NA	BDL
Potassium, Dissolved	258.1	0.1	--	--	--	--	1.22	1.48	NA	1.6
Potassium, Total	258.1	0.3	--	--	--	--	1.43	1.58	NA	1.88
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	NA	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	NA	0.002
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	8.53	5.61	NA	6.29
Sodium, Total	273.1	0.02	28.0	--	--	--	8.53	5.61	NA	7.01
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	NA	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	NA	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	NA	0.004
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	NA	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	NA	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	NA	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	NA	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	NA	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	NA	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	NA	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	NA	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-9 Upper Aquifer	MW-9 Upper Aquifer	MW-9 Upper Aquifer	MW-9 Upper Aquifer
Bromoform	8260B	1	4	4	10800	—	BDL	BDL	NA	BDL
Bromomethane	8260B	1	9.8	9.8	—	—	BDL	BDL	NA	BDL
2-Butanone (MEK)	8260B	2	400	400	—	—	BDL	BDL	NA	BDL
n-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	NA	BDL
sec- Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	NA	BDL
tert-Butylbenzene	8260B	1	61	61	—	—	BDL	BDL	NA	BDL
Carbon Disulfide	8260B	10	700	700	—	—	BDL	BDL	NA	BDL
Carbon Tetrachloride	8260B	1	5	5	132	—	BDL	BDL	NA	BDL
Chlorobenzene	8260B	1	100	100	420000	—	BDL	BDL	NA	BDL
Chlorodibromomethane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
Chloroethane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
2-Chloroethylvinylether	8260B	10	—	—	—	—	BDL	BDL	NA	BDL
Chloroform	8260B	1	6	6	14100	—	BDL	BDL	NA	BDL
Chloromethane	8260B	1	2.7	2.7	—	—	BDL	BDL	NA	BDL
2-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	NA	BDL
4-Chlorotoluene	8260B	10	—	—	—	—	BDL	BDL	NA	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	—	—	—	—	BDL	BDL	NA	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	—	—	—	BDL	BDL	NA	BDL
Dibromomethane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
trans-1,4-Dichloro-2-butene	8260B	10	—	—	—	—	BDL	BDL	NA	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	—	BDL	BDL	NA	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	—	BDL	BDL	NA	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	—	BDL	BDL	NA	BDL
Dichlorodiflouromethane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
1,1-Dichloroethane	8260B	1	70	70	—	—	BDL	BDL	NA	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	—	BDL	BDL	NA	BDL
1,1-Dichloroethene	8260B	1	7	7	96	—	BDL	BDL	NA	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	—	—	BDL	BDL	NA	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	—	—	BDL	BDL	NA	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	—	BDL	BDL	NA	BDL
1,2-Dichloropropane	8260B	1	5	5	—	—	BDL	BDL	NA	BDL
1,3-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
2,2-Dichloropropane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
1,1-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
cis-1,3-Dichloropropene	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
trans-1,3-Dichloropropene	8260B	1	10	—	—	—	BDL	BDL	NA	BDL
Ethylbenzene	8260B	1	700	700	580000	—	BDL	BDL	NA	BDL
2-Hexanone	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	—	—	BDL	BDL	NA	BDL
Isopropylbenzene	8260B	1	30	30	—	—	BDL	BDL	NA	BDL
p-Isopropyltoluene	8260B	1	70	70	—	—	BDL	BDL	NA	BDL
Methyl Iodide	8260B	10	—	—	—	—	BDL	BDL	NA	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	—	—	BDL	BDL	NA	BDL
Napthalene	8260B	1	280	280	—	—	BDL	BDL	NA	BDL
n-Propylbenzene	8260B	1	61	61	—	—	BDL	BDL	NA	BDL
Styrene	8260B	1	100	100	—	—	BDL	BDL	NA	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	—	—	BDL	BDL	NA	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	—	BDL	BDL	NA	BDL
Tetrachloroethene	8260B	1	5	5	88	—	BDL	BDL	NA	BDL
Toluene	8260B	1	1000	1000	4000000	—	BDL	BDL	NA	BDL
1,2,3-Trichlorobenzene	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	—	—	BDL	BDL	NA	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	—	BDL	BDL	NA	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	—	BDL	BDL	NA	BDL
Trichloroethene	8260B	1	5	5	2340	—	BDL	BDL	NA	BDL
Trichloroflouromethane	8260B	1	1300	1300	—	—	BDL	BDL	NA	BDL
1,2,3-Trichloropropane	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	NA	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	—	—	BDL	BDL	NA	BDL
Vinyl Acetate	8260B	1	—	—	—	—	BDL	BDL	NA	BDL
Vinyl Chloride	8260B	1	2	2	15750	—	BDL	BDL	NA	BDL
Total Xylene	8260B	1	530	530	—	—	BDL	BDL	NA	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

— = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-9A Upper Aquifer	MW-9A Upper Aquifer	MW-9A Upper Aquifer	MW-9A Upper Aquifer
Date							1/10/2001	4/2/2001	7/24/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	7.3	7.25	7.24	NA
Turbidity (NTU)	N/A	0.1	5	--	--	--	**0**	**10.3**	**6.5**	NA
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	9.59	4.41	5.42	NA
Redox Potential (mv)	N/A	1	--	--	--	--	-109	-248.4	-22.3	NA
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	296	307	320	NA
Temperature (deg. C.)	N/A	0.1	--	--	--	--	5.6	11.39	12.4	NA
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	41.10	39.30	36.27	NA
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	5.31	7.11	10.14	NA
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	5.99	7.79	10	NA
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	0.12	NA
Alkalinity, Total	310.1	5	--	--	--	--	111	112	110	NA
BOD-5 Day	405.1	2	--	--	--	--	22	10	9.4	NA
Chloride	325.3	3	250	--	--	--	16.7	13	13	NA
COD	410.2	10	--	--	--	--	54	19	12	NA
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	PRESENT	PRESENT	PRESENT	NA
Hardness(CaCO3)	130.1	0.1	250	--	--	--	96	97	88.1	NA
Sulfate	375.4	3	250	--	--	--	32	24	4.4	NA
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	17.0	9.4	2.7	NA
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.0200	0.0660	13.5000	NA
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	117	165	150	NA
Total Suspended Solids -TSS	160.2	5	--	--	--	--	33	13	7	NA
Fluoride	340.2	0.1	2	--	--	--	0.13	0.11	1.8	NA
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	NA
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.09	0.09	0.02	NA
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	NA
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.002	NA
Barium, Total	200.7	0.002	1	1	--	--	0.090	0.080	0.096	NA
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	NA
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	NA
Calcium, Total	215.1	1	--	--	--	--	32.1	27.5	31.6	NA
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	NA
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	NA
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	NA
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0030	NA
Iron, Dissolved	200.7	0.002	0.3	--	--	--	0.156	0.066	0.043	NA
Iron, Total	200.7	0.002	0.3	--	--	--	**0.686**	**0.318**	0.230	NA
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	NA
Magnesium, Total	242.1	0.1	--	--	--	--	5.32	4.13	2.23	NA
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**0.11**	**0.11**	**0.08**	NA
Manganese, Total	200.7	0.001	0.05	--	--	--	**0.13**	**0.11**	**0.14**	NA
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	NA
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	NA
Potassium, Dissolved	258.1	0.1	--	--	--	--	2.21	1.81	1.5	NA
Potassium, Total	258.1	0.3	--	--	--	--	2.57	1.81	2.33	NA
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	NA
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	NA
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	17.1	8.69	9.84	NA
Sodium, Total	273.1	0.02	28.0	--	--	--	22.4	8.69	12.9	NA
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	NA
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	NA
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.018	NA
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	0.063	NA
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	NA
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	NA
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	NA
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	NA
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	NA

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-9A Upper Aquifer	MW-9A Upper Aquifer	MW-9A Upper Aquifer	MW-9A Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	NA
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	NA
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	NA
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	NA
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	NA
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	NA
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	1	NA
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	NA
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	NA
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	NA
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	NA
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	NA
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	NA
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	NA
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	NA
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	NA
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	NA
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	NA
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	NA
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	NA
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	NA
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	NA
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	NA
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	NA
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	NA
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	NA
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	NA
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	NA
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	NA
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	NA
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	NA
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	NA
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	NA
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	NA
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	NA
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	2.4	NA
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	NA
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	NA
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	NA
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	NA
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	NA
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	NA
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	NA
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	NA
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	NA
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	NA
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	20	NA
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	5.6	NA
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	NA
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	NA
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	1.4	NA

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-10 Upper Aquifer	MW-10 Upper Aquifer	MW-10 Upper Aquifer	MW-10 Upper Aquifer
Date							1/10/2001	4/2/2001	7/23/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	—	—	—	7.05	6.58	6.68	**6.4**
Turbidity (NTU)	N/A	0.1	5	—	—	—	22	**8.3**	**7.7**	-0.3
Dissolved Oxygen (ppm)	N/A	0.01	—	—	—	—	10.17	4.22	0	0
Redox Potential (mv)	N/A	1	—	—	—	—	**4**	49.7	107	-38
Specific Conductivity (umhos/cm)	N/A	0.01	—	—	—	—	7300	6297	3300	6300
Temperature (deg. C.)	N/A	0.1	—	—	—	—	5.8	8.17	14.1	14.4
Depth to Groundwater (feet)	N/A	0.01	—	—	—	—	8.40	7.54	8.98	9.42
Groundwater Elevation (feet)	N/A	0.01	—	—	—	—	28.42	29.28	27.84	27.4
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	—	—	—	99	10.8	8.02	11	9.9
Nitrate as N	353.2	0.1	10	—	—	—	BDL	BDL	BDL	3
Alkalinity, Total	310.1	5	—	—	—	—	180	294	19	210
BOD-5 Day	405.1	2	—	—	—	—	BDL	BDL	BDL	BDL
Chloride	325.3	3	250	—	—	—	**2,300**	**2,102**	**1,600**	**1,700**
COD	410.2	10	—	—	—	—	72	23	640	69
Total Coliform Bacteria-per 100 ml	9222B	0	1	—	—	—	PRESENT	ABSENT	PRESENT	0
Hardness(CaCO3)	130.1	0.1	250	—	—	—	**1,940**	**1,960**	**1,440**	**1,670**
Sulfate	375.4	3	250	—	—	—	18	19	30	26
Total Organic Carbon - TOC	9060.0	1	—	—	—	—	6.0	6.8	4	5
Total Organic Halogens - TOX	9020	0.015	—	—	—	—	0.056	0.081	0.068	0.045
Total Dissolved Solids - TDS	160.1	5	500	—	—	—	**3,948**	**4,313**	**3,400**	**3,300**
Total Suspended Solids -TSS	160.2	5	—	—	—	—	85	23	34	50
Fluoride	340.2	0.1	2	—	—	—	BDL	BDL	1.7	**3.4**
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	—	—	—	**0.26**	**0.44**	0.02	0.102
Antimony, Total	204.2	0.003	0.006	0.006	86	—	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	0.001
Barium, Total	200.7	0.002	1	1	—	—	**1.560**	**2.240**	**1.890**	**1.550**
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	—	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	—	—	—	—	696	637	534	595
Chromium, Hexavalent	218.5	0.01	0.05	—	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	—	BDL	BDL	BDL	BDL
Cobalt, Total	219.2	0.002	—	—	—	—	BDL	BDL	0.005	0.004
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	0.0200	BDL	0.0180	0.0130
Iron, Dissolved	200.7	0.002	0.3	—	—	—	0.199	**0.426**	0.264	**0.309**
Iron, Total	200.7	0.002	0.3	—	—	—	**0.951**	**1.000**	**0.387**	**0.664**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	—	—	—	—	104	104	25.4	44.8
Manganese, Dissolved	200.7	0.002	0.05	—	—	—	**9.15**	**10.90**	**11.90**	**12.90**
Manganese, Total	200.7	0.001	0.05	—	—	—	**9.70**	**11.50**	**14.40**	**13.60**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	0.0100	0.0200	0.0010	0.0054
Potassium, Dissolved	258.1	0.1	—	—	—	—	27.3	43.5	44	76.6
Potassium, Total	258.1	0.3	—	—	—	—	31.8	43.5	51	78
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	0.001	0.002
Sodium, Dissolved	273.1	0.02	28.0	—	—	—	**509**	**459**	**378**	**330**
Sodium, Total	273.1	0.02	28.0	—	—	—	**526**	**486**	**410**	**364**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	—	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	—	—	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.037	0.163
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	—	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	—	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	—	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	—	—	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	—	—	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	—	—	—	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	—	BDL	BDL	0.026	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	—	—	—	—	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	—	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	—	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	—	—	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-10 Upper Aquifer	MW-10 Upper Aquifer	MW-10 Upper Aquifer	MW-10 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	6.0	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	1.0	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	1.2	1.1
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	1.8	1.3
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	1.0	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	3
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	12.0	10.0	6.1	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	1.7	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	2.0	3.0	3.2	1.5
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter
S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

* Analysis performed following expiration of sample holding time.

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-10A Upper Aquifer	MW-10A Upper Aquifer	MW-10A Upper Aquifer	MW-10A Upper Aquifer
Date							1/10/2001	4/2/2001	7/23/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	—	—	—	6.55	**6.43**	**5.99**	**6.06**
Turbidity (NTU)	N/A	0.1	5	—	—	—	**24.1**	1.3	**17.9**	**999**
Dissolved Oxygen (ppm)	N/A	0.01	—	—	—	—	11.35	9.35	7.8	8.27
Redox Potential (mv)	N/A	1	—	—	—	—	210	218.2	131	80
Specific Conductivity (umhos/cm)	N/A	0.01	—	—	—	—	455	944	820	800
Temperature (deg. C.)	N/A	0.1	—	—	—	—	6.7	7.43	12.8	12.8
Depth to Groundwater (feet)	N/A	0.01	—	—	—	—	10.50	9.09	11.45	12.71
Groundwater Elevation (feet)	N/A	0.01	—	—	—	—	26.73	28.14	25.78	24.52
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	—	—	—	99	BDL	BDL	0.05	0.27
Nitrate as N	353.2	0.1	10	—	—	—	0.54	BDL	0.71	0.35
Alkalinity, Total	310.1	5	—	—	—	—	20	26	240	11
BOD-5 Day	405.1	2	—	—	—	—	BDL	BDL	BDL	BDL
Chloride	325.3	3	250	—	—	—	110	**296**	200	170
COD	410.2	10	—	—	—	—	12	19	BDL	23
Total Coliform Bacteria-per 100 ml	9222B	0	1	—	—	—	PRESENT	PRESENT	PRESENT	0
Hardness(CaCO3)	130.1	0.1	250	—	—	—	126	**285**	183	**309**
Sulfate	375.4	3	250	—	—	—	16	11	23	24
Total Organic Carbon - TOC	9060.0	1	—	—	—	—	BDL	1.5	BDL	1.1
Total Organic Halogens - TOX	9020	0.015	—	—	—	—	0.0210	BDL	0.0711	0.0310
Total Dissolved Solids - TDS	160.1	5	500	—	—	—	271	**616**	**540**	500
Total Suspended Solids -TSS	160.2	5	—	—	—	—	59	3	BDL	4900
Fluoride	340.2	0.1	2	—	—	—	BDL	BDL	**2.3**	1.9
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	—	—	—	**0.41**	**0.29**	0.07	**22.1**
Antimony, Total	204.2	0.003	0.006	0.006	86	—	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	0.008
Barium, Total	200.7	0.002	1	1	—	—	0.090	0.230	0.175	0.570
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	—	BDL	BDL	BDL	0.001
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	—	—	—	—	40.1	79.4	67.5	78
Chromium, Hexavalent	218.5	0.01	0.05	—	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	—	BDL	BDL	BDL	0.037
Cobalt, Total	219.2	0.002	—	—	—	—	BDL	BDL	BDL	0.02
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0040	0.0770
Iron, Dissolved	200.7	0.002	0.3	—	—	—	0.013	0.018	BDL	0.004
Iron, Total	200.7	0.002	0.3	—	—	—	**0.590**	**0.461**	0.091	**34.700**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	**0.031**
Magnesium, Total	242.1	0.1	—	—	—	—	8.22	12.1	3.59	27.8
Manganese, Dissolved	200.7	0.002	0.05	—	—	—	0.01	BDL	BDL	0.00
Manganese, Total	200.7	0.001	0.05	—	—	—	**0.09**	**0.07**	0.01	**1.49**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	0.0340
Potassium, Dissolved	258.1	0.1	—	—	—	—	0.55	1.15	1.5	1.1
Potassium, Total	258.1	0.3	—	—	—	—	0.70	1.15	1.75	9.45
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	0.001	BDL
Sodium, Dissolved	273.1	0.02	28.0	—	—	—	20.7	**54.3**	**35.0**	**32.8**
Sodium, Total	273.1	0.02	28.0	—	—	—	20.7	**55.0**	**45.1**	**36.4**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	—	BDL	BDL	BDL	0.001
Vanadium, Total	200.7	0.01	0.05	0.05	—	—	BDL	BDL	BDL	0.064
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.017	0.247
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	—	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	—	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	—	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	—	—	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	—	—	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	—	—	—	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	—	BDL	BDL	0.021	0.018
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	—	—	—	—	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	—	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	—	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	—	—	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-10A Upper Aquifer	MW-10A Upper Aquifer	MW-10A Upper Aquifer	MW-10A Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U. = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

* Analysis performed following expiration of sample holding time.

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-11 Upper Aquifer	MW-11 Upper Aquifer	MW-11 Upper Aquifer	MW-11 Upper Aquifer
Date							1/10/2001	4/2/2001	7/20/2001	10/9/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	7.1	7.22	NA	6.91
Turbidity (NTU)	N/A	0.1	5	--	--	--	**6.7**	**17.5**	NA	**44.3**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	0.09	3.75	NA	1.03
Redox Potential (mv)	N/A	1	--	--	--	--	-9.1	-98.5	NA	-98
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	1240	1088	NA	1300
Temperature (deg. C.)	N/A	0.1	--	--	--	--	10.22	14.15	NA	18.1
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	31.79	26.33	32.38	33.51
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	19.33	24.79	18.74	17.61
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	3.47	5.42	8.8	4.3
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	0.12	0.18
Alkalinity, Total	310.1	5	--	--	--	--	382	426	400	440
BOD-5 Day	405.1	2	--	--	--	--	3	BDL	BDL	BDL
Chloride	325.3	3	250	--	--	--	115	105	100	120
COD	410.2	10	--	--	--	--	40	38	62	32
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	**PRESENT**	**PRESENT**	**PRESENT**	**<10**
Hardness(CaCO3)	130.1	0.1	250	--	--	--	**459**	**362**	**449**	**462**
Sulfate	375.4	3	250	--	--	--	8	16	7.7	7.3
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	15.0	15.0	14.0	11.0
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.1420	0.1500	0.0901	0.1190
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	**627**	**630**	**640**	**600**
Total Suspended Solids -TSS	160.2	5	--	--	--	--	119	27	420	250
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	1.8	0.82
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	**0.98**
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	1.07	0.20	**0.98**	**1.34**
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.013	0.013
Barium, Total	200.7	0.002	1	1	--	--	**1.68**	**1.77**	**1.94**	**1.88**
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	120	97.7	110	116
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	0.003
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0030	0.0060
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**2.17**	**2.79**	**2.44**	**2.15**
Iron, Total	200.7	0.002	0.3	--	--	--	**3.96**	**3.15**	**4.49**	**4.16**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	0.003	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	44.5	35.9	42.3	41.9
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**0.240**	**0.240**	**0.219**	**0.250**
Manganese, Total	200.7	0.001	0.05	--	--	--	**0.290**	**0.260**	**0.538**	**0.374**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	0.0140	0.0130
Potassium, Dissolved	258.1	0.1	--	--	--	--	8.06	5.76	6.6	5.8
Potassium, Total	258.1	0.3	--	--	--	--	8.06	5.76	8.3	9.63
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.001
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**79.8**	**54.3**	**50.3**	**49**
Sodium, Total	273.1	0.02	28.0	--	--	--	**79.8**	**54.3**	**64.2**	**54.2**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	BDL	0.157
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-11 Upper Aquifer	MW-11 Upper Aquifer	MW-11 Upper Aquifer	MW-11 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	9.0	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	9.0	BDL	11	9.8
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	18.0	12.0	BDL	12.0
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	1.0	BDL	16	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	2.0	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	2.0	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	2.0	BDL	2.4	BDL
Total Xylene	8260B	1	530	530	--	--	8.0	1.0	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-12 Upper Aquifer	MW-12 Upper Aquifer	MW-12 Upper Aquifer	MW-12 Upper Aquifer
Date							1/10/2001	4/2/2001	7/23/2001	10/11/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	**6.41**	6.63	6.54	6.65
Turbidity (NTU)	N/A	0.1	5	--	--	--	0	3.6	4.8	**9.6**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	4.07	0.6	0	0
Redox Potential (mv)	N/A	1	--	--	--	--	-69	-110	-139	-138
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	4280	4589	7800	5000
Temperature (deg. C.)	N/A	0.1	--	--	--	--	8.4	12.14	15.8	14
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	3.15	2.81	3.38	3.76
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	34.71	35.05	34.48	34.1
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	12.5	14.9	19	6.6
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	BDL	0.16
Alkalinity, Total	310.1	5	--	--	--	--	109	102	230	120
BOD-5 Day	405.1	2	--	--	--	--	4	5	BDL	BDL
Chloride	325.3	3	250	--	--	--	**1,260**	**1,588**	**2,100**	**1,100**
COD	410.2	10	--	--	--	--	60	42	180	170
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	PRESENT	PRESENT	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	**835**	**1,238**	**1,360**	**1,040**
Sulfate	375.4	3	250	--	--	--	8	35	4.4	12
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	6.0	6.7	7.4	5.4
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.0300	0.0830	0.0521	0.0380
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	**2,207**	**3,229**	**3,700**	**2,100**
Total Suspended Solids -TSS	160.2	5	--	--	--	--	90	86	93	53
Fluoride	340.2	0.1	2	--	--	--	BDL	BDL	0.66	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	BDL	0.06	BDL	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.007	0.006
Barium, Total	200.7	0.002	1	1	--	--	**1.290**	**1.900**	**3.260**	**1.660**
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	351	464	541	400
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	BDL
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	0.0010
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**42.8**	**78.3**	**74.3**	**32.5**
Iron, Total	200.7	0.002	0.3	--	--	--	**44.6**	**78.3**	**71.5**	**40.6**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	12.8	19.6	2.64	10
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**4.18**	**7.05**	**5.80**	**3.50**
Manganese, Total	200.7	0.001	0.05	--	--	--	**4.30**	**7.05**	**5.98**	**4.05**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	0.0002	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	0.0020
Potassium, Dissolved	258.1	0.1	--	--	--	--	104	117	182	115
Potassium, Total	258.1	0.3	--	--	--	--	104	118	332	134
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.001
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**290**	**335**	**389**	**235**
Sodium, Total	273.1	0.02	28.0	--	--	--	**290**	**335**	**511**	**270**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.015	0.011
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4-D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5-TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	0.023	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-12 Upper Aquifer	MW-12 Upper Aquifer	MW-12 Upper Aquifer	MW-12 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	1.1	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	3.3	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-13 Upper Aquifer	MW-13 Upper Aquifer	MW-13 Upper Aquifer	MW-13 Upper Aquifer
Date							1/10/2001	4/2/2001	7/20/2001	10/11/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.72	6.64	6.7	6.52
Turbidity (NTU)	N/A	0.1	5	--	--	--	0.3	**20.1**	**14.3**	**7.8**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	6.71	8.11	0.9	0.00
Redox Potential (mv)	N/A	1	--	--	--	--	-37	-51.6	-108	-92
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	310	299	210	200.0
Temperature (deg. C.)	N/A	0.1	--	--	--	--	8.62	12.52	14.9	15.5
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	22.30	20.92	21.29	22.81
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	39.83	41.21	40.84	39.32
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	3.56	1.36	0.6	0.58
Nitrate as N	353.2	0.1	10	--	--	--	0.06	BDL	0.16	0.17
Alkalinity, Total	310.1	5	--	--	--	--	93	106	37	52
BOD-5 Day	405.1	2	--	--	--	--	BDL	BDL	BDL	BDL
Chloride	325.3	3	250	--	--	--	21.2	17	18	11
COD	410.2	10	--	--	--	--	12	8	BDL	BDL
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	ABSENT	ABSENT	**PRESENT**	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	48	91	42.8	46.1
Sulfate	375.4	3	250	--	--	--	18	34	14	12
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	2.0	3.2	BDL	1.3
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	BDL	BDL	7.8500	0.014
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	101	160	95	90
Total Suspended Solids -TSS	160.2	5	--	--	--	--	24	47	15	14
Fluoride	340.2	0.1	2	--	--	--	0.13	BDL	2.2	1.4
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.19	**0.42**	0.06	0.053
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	BDL
Barium, Total	200.7	0.002	1	1	--	--	0.050	0.050	0.016	0.021
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	13.7	18.2	11.8	13.0
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	BDL
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	BDL
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**7.24**	**14.40**	**6.19**	**5.30**
Iron, Total	200.7	0.002	0.3	--	--	--	**8.05**	**15.10**	**7.54**	**6.47**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	4.10	5.76	3.24	3.3
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**2.11**	**2.80**	**1.96**	**1.56**
Manganese, Total	200.7	0.001	0.05	--	--	--	**2.19**	**2.80**	**2.38**	**1.86**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	BDL
Potassium, Dissolved	258.1	0.1	--	--	--	--	12.5	7.94	3.3	3.30
Potassium, Total	258.1	0.3	--	--	--	--	12.5	8.62	3.7	4.13
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.001
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	17.3	14.3	10.0	8.2
Sodium, Total	273.1	0.02	28.0	--	--	--	17.3	14.3	10.3	9.7
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	0.02	0.03	0.008	0.008
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-13 Upper Aquifer	MW-13 Upper Aquifer	MW-13 Upper Aquifer	MW-13 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter
S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-100 Upper Aquifer	MW-100 Upper Aquifer	MW-100 Upper Aquifer	MW-100 Upper Aquifer
Date							1/10/2001	4/2/2001	7/20/2001	10/10/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.84	6.57	**6.46**	6.54
Turbidity (NTU)	N/A	0.1	5	--	--	--	3.6	**6.8**	3.4	4.2
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	0.23	0.16	1.07	0.00
Redox Potential (mv)	N/A	1	--	--	--	--	-139	-108.3	-142	-138
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	2150	1989	1900	2.7
Temperature (deg. C.)	N/A	0.1	--	--	--	--	12.53	13.76	14.9	15.5
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	34.67	31.17	35.08	35.21
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	19.23	22.73	18.82	18.69
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	**104**	**119**	**100**	**100**
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	0.3	0.12
Alkalinity, Total	310.1	5	--	--	--	--	850	920	680	1000
BOD-5 Day	405.1	2	--	--	--	--	7	8	BDL	BDL
Chloride	325.3	3	250	--	--	--	112	90	94	89
COD	410.2	10	--	--	--	--	61	61	58	84
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	**PRESENT**	**PRESENT**	ABSENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	**333**	**347**	**324**	**389**
Sulfate	375.4	3	250	--	--	--	6	17	4.4	BDL
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	29.0	31.2	19	24
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.0900	0.1160	82.5000	BDL
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	**670**	**722**	**610**	**790**
Total Suspended Solids -TSS	160.2	5	--	--	--	--	68	78	53	77
Fluoride	340.2	0.1	2	--	--	--	0.20	0.14	1.80	1.6
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	BDL	0.06	0.02	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	0.005	BDL
Barium, Total	200.7	0.002	1	1	--	--	0.540	0.740	0.515	0.641
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	72.0	86.0	69.6	78.3
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	0.002
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	BDL	0.001
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**16.5**	**27.6**	**25.9**	**29.3**
Iron, Total	200.7	0.002	0.3	--	--	--	**19.1**	**30.1**	**28.0**	**30.5**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	40.7	41.8	36.5	46.9
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**0.400**	**0.520**	**0.414**	**0.596**
Manganese, Total	200.7	0.001	0.05	--	--	--	**0.450**	**0.570**	**0.540**	**0.672**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	0.010	BDL	0.008	0.009
Potassium, Dissolved	258.1	0.1	--	--	--	--	46.7	47.0	32.0	39.4
Potassium, Total	258.1	0.3	--	--	--	--	46.7	47.4	35.1	40.8
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	BDL
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**85.1**	**62.2**	**57.6**	**76.2**
Sodium, Total	273.1	0.02	28.0	--	--	--	**85.1**	**62.2**	**80.4**	**81.9**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	0.011	0.173
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4 D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	NA	NA	NA
2,4,5 TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	--	**3.0**	**3.0**	**3.4**	**2.6**
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-100 Upper Aquifer	MW-100 Upper Aquifer	MW-100 Upper Aquifer	MW-100 Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	9.0	5.0	15.0	8.8
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	1.4	1.1
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U. = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-101R Upper Aquifer	MW-101R Upper Aquifer	MW-101R Upper Aquifer	MW-101R Upper Aquifer
Date							1/10/2001	4/2/2001	7/18/2001	10/10/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	—	—	—	6.87	6.67	6.61	6.54
Turbidity (NTU)	N/A	0.1	5	—	—	—	**14.8**	0.4	**27.3**	4.4
Dissolved Oxygen (ppm)	N/A	0.01	—	—	—	—	4.37	1.39	0	0.23
Redox Potential (mv)	N/A	1	—	—	—	—	-94	-94	-111	-103
Specific Conductivity (umhos/cm)	N/A	0.01	—	—	—	—	1950	1602	1900	2100.0
Temperature (deg. C.)	N/A	0.1	—	—	—	—	13.4	14.6	15.1	14.6
Depth to Groundwater (feet)	N/A	0.01	—	—	—	—	25.69	24.18	25.61	26.51
Groundwater Elevation (feet)	N/A	0.01	—	—	—	—	30.15	31.66	30.23	29.33
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	—	—	—	99	78.7	73.4	73	**110**
Nitrate as N	353.2	0.1	10	—	—	—	BDL	BDL	0.12	0.69
Alkalinity, Total	310.1	5	—	—	—	—	690	660	610	680
BOD-5 Day	405.1	2	—	—	—	—	6	4	BDL	BDL
Chloride	325.3	3	250	—	—	—	140	108	110	130
COD	410.2	10	—	—	—	—	61	54	63	46
Total Coliform Bacteria-per 100 ml	9222B	0	1	—	—	—	PRESENT	PRESENT	PRESENT	0
Hardness(CaCO3)	130.1	0.1	250	—	—	—	**322**	**343**	**321**	**336**
Sulfate	375.4	3	250	—	—	—	6	18	BDL	BDL
Total Organic Carbon - TOC	9060.0	1	—	—	—	—	23.0	24.5	17	17
Total Organic Halogens - TOX	9020	0.015	—	—	—	—	0.1340	0.0990	0.0976	0.053
Total Dissolved Solids - TDS	160.1	5	500	—	—	—	**604**	**641**	**630**	**620**
Total Suspended Solids -TSS	160.2	5	—	—	—	—	64	56	41	51
Fluoride	340.2	0.1	2	—	—	—	0.49	0.48	2.2	1.9
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	—	—	—	BDL	BDL	BDL	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	—	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	BDL
Barium, Total	200.7	0.002	1	1	—	—	2.650	2.450	0.395	2.81
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	—	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	—	—	—	—	60.5	57.9	27.6	61.5
Chromium, Hexavalent	218.5	0.01	0.05	—	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	—	BDL	BDL	BDL	0.002
Cobalt, Total	219.2	0.002	—	—	—	—	BDL	BDL	BDL	BDL
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	BDL	0.0050	BDL
Iron, Dissolved	200.7	0.002	0.3	—	—	—	**16.9**	**23.7**	**21.9**	**21.9**
Iron, Total	200.7	0.002	0.3	—	—	—	**21.6**	**23.7**	**28.3**	**25.3**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	—	—	—	—	44.5	39.6	61.1	44.4
Manganese, Dissolved	200.7	0.002	0.05	—	—	—	**0.08**	**0.09**	**0.08**	**0.072**
Manganese, Total	200.7	0.001	0.05	—	—	—	**0.090**	**0.090**	**0.612**	**0.085**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	0.010	BDL	BDL	0.008
Potassium, Dissolved	258.1	0.1	—	—	—	—	36.7	31.7	28	29.5
Potassium, Total	258.1	0.3	—	—	—	—	36.7	31.7	34	23.3
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	BDL
Sodium, Dissolved	273.1	0.02	28.0	—	—	—	**84.5**	**72.7**	**69.1**	**64.8**
Sodium, Total	273.1	0.02	28.0	—	—	—	**84.5**	**72.7**	**84.3**	**76.2**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	—	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	—	—	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	BDL	BDL	0.162
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	—	NA	NA	NA	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	—	10	NA	NA	NA	NA
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	NA	NA
Endrin (ug/l)	8081a/8151	0.02	0.2	—	0.1	0.9	NA	NA	NA	NA
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	NA	NA
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	NA	NA
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	—	—	NA	NA	NA	NA
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	NA	NA	NA
2,4-D (ug/l)	8081a/8151	0.1	70	70	—	—	NA	NA	NA	NA
2,4,5-TP (ug/l)	8081a/8151	0.1	10	—	—	—	NA	NA	NA	NA
Dioxin (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Furan (ug/l)	8081a/8151	—	—	—	—	—	NA	NA	NA	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	—	BDL	BDL	BDL	BDL
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	—	—	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	—	—	—	—	BDL	BDL	BDL	BDL
Acrylonitrile	8260B	0.5	0.5	0.5	20	—	BDL	BDL	BDL	BDL
Benzene	8260B	1	1	1	710	—	**2.0**	1.0	**1.8**	**2.1**
Bromobenzene	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	—	—	—	—	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	—	—	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-101R Upper Aquifer	MW-101R Upper Aquifer	MW-101R Upper Aquifer	MW-101R Upper Aquifer
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	2.0	BDL	2.2	2.3
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	2.0	BDL	2.6	2.0
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	10.0	11.0	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-200 Upper Aquifer	MW-200 Upper Aquifer	MW-200 Upper Aquifer	MW-200 Upper Aquifer
Date							1/10/2001	4/2/2001	7/23/2001	10/12/2001
Field Parameters (units vary)										
pH (S.U.)	N/A	0.01	6.5-8.5	--	--	--	6.85	7.1	7.02	6.70
Turbidity (NTU)	N/A	0.1	5	--	--	--	0	4.5	4.5	**6.6**
Dissolved Oxygen (ppm)	N/A	0.01	--	--	--	--	4.31	2.22	0	0.00
Redox Potential (mv)	N/A	1	--	--	--	--	-78	-117.6	-182	-154
Specific Conductivity (umhos/cm)	N/A	0.01	--	--	--	--	5070	3323	5200	7100.0
Temperature (deg. C.)	N/A	0.1	--	--	--	--	7.2	7.21	13.7	14.2
Depth to Groundwater (feet)	N/A	0.01	--	--	--	--	4.34	3.23	4.91	5.52
Groundwater Elevation (feet)	N/A	0.01	--	--	--	--	26.3	27.41	25.73	25.12
Leachate Indicator Parameters (mg/l)										
Ammonia as N	350.2	0.02	--	--	--	99	**181**	11.2	13	11
Nitrate as N	353.2	0.1	10	--	--	--	BDL	BDL	BDL	0.14
Alkalinity, Total	310.1	5	--	--	--	--	104	194	230	130
BOD-5 Day	405.1	2	--	--	--	--	3	39	BDL	6.3
Chloride	325.3	3	250	--	--	--	**1,470**	**990**	**1,300**	**1700**
COD	410.2	10	--	--	--	--	50	96	150	150
Total Coliform Bacteria-per 100 ml	9222B	0	1	--	--	--	PRESENT	PRESENT	PRESENT	0
Hardness(CaCO3)	130.1	0.1	250	--	--	--	**948**	**515**	**1,140**	**1570**
Sulfate	375.4	3	250	--	--	--	36	43	5.9	25
Total Organic Carbon - TOC	9060.0	1	--	--	--	--	6.0	50.4	11	8.3
Total Organic Halogens - TOX	9020	0.015	--	--	--	--	0.0280	0.1730	0.0833	0.116
Total Dissolved Solids - TDS	160.1	5	500	--	--	--	**2,711**	**2,150**	**2,600**	**3100**
Total Suspended Solids -TSS	160.2	5	--	--	--	--	47	53	65	59
Fluoride	340.2	0.1	2	--	--	--	0.12	0.13	1.8	**5.0**
Cyanide, Total	9010	0.01	0.2	0.2	0.052	0.22	BDL	BDL	BDL	BDL
Metals (mg/l)										
Aluminum, Total	202.2	0.01	0.2	--	--	--	0.06	0.06	BDL	BDL
Antimony, Total	204.2	0.003	0.006	0.006	86	--	BDL	BDL	BDL	BDL
Arsenic, Total	206.2	0.001	0.05	0.05	0.004	3.60	BDL	BDL	BDL	BDL
Barium, Total	200.7	0.002	1	1	--	--	**1.07**	**1.07**	**3.21**	**4.01**
Beryllium, Total	210.2	0.001	0.004	0.004	0.004	--	BDL	BDL	BDL	BDL
Cadmium, Total	213.2	0.001	0.005	0.005	0.006	0.018	BDL	BDL	BDL	BDL
Calcium, Total	215.1	1	--	--	--	--	409	293	449	593
Chromium, Hexavalent	218.5	0.01	0.05	--	0.11	0.15	BDL	BDL	BDL	BDL
Chromium, Total	200.7	0.001	0.05	0.05	1.31	--	BDL	BDL	BDL	0.003
Cobalt, Total	219.2	0.002	--	--	--	--	BDL	BDL	0.004	0.006
Copper, Total	200.7	0.001	1	1.3	0.048	0.143	BDL	0.0200	0.0020	0.003
Iron, Dissolved	200.7	0.002	0.3	--	--	--	**10.5**	**19.8**	**27.7**	**28.3**
Iron, Total	200.7	0.002	0.3	--	--	--	**11.7**	**20.1**	**31.0**	**28.9**
Lead, Total	239.2	0.001	0.015	0.015	0.013	0.3	BDL	BDL	BDL	BDL
Magnesium, Total	242.1	0.1	--	--	--	--	12.0	11.9	3.68	21.3
Manganese, Dissolved	200.7	0.002	0.05	--	--	--	**3.64**	**4.74**	**6.80**	**8.78**
Manganese, Total	200.7	0.001	0.05	--	--	--	**3.79**	**4.79**	**7.52**	**8.48**
Mercury, Total	245.1	0.0002	0.002	0.002	0.0004	0.021	BDL	BDL	BDL	BDL
Nickel, Total	200.7	0.001	0.1	0.1	0.88	7.88	BDL	BDL	BDL	BDL
Potassium, Dissolved	258.1	0.1	--	--	--	--	197	130	136	155
Potassium, Total	258.1	0.3	--	--	--	--	197	134	132	163
Selenium, Total	270.2	0.002	0.05	0.05	0.05	0.2	BDL	BDL	BDL	BDL
Silver, Total	272.2	0.001	0.036	0.036	0.012	0.0102	BDL	BDL	BDL	0.002
Sodium, Dissolved	273.1	0.02	28.0	--	--	--	**341**	**228**	**226**	**342**
Sodium, Total	273.1	0.02	28.0	--	--	--	**344**	**228**	**248**	**368**
Thallium, Total	279.2	0.001	0.002	0.005	0.063	--	BDL	BDL	BDL	BDL
Vanadium, Total	200.7	0.01	0.05	0.05	--	--	BDL	BDL	BDL	BDL
Zinc, Total	200.7	0.002	5	5	0.123	0.636	BDL	0.03	0.016	0.030
Other Parameters (units vary)										
PCB's (ug/l)	8082	0.05	0.5	0.5	0.5	--	NA	NA	BDL	NA
Lindane (ug/l)	8081a/8151	0.02	0.2	0.2	--	10	NA	BDL	BDL	BDL
Chlordane (ug/l)	8081a/8151	0.3	0.3	0.3	0.3	12	NA	NA	BDL	BDL
Endrin (ug/l)	8081a/8151	0.02	0.2	--	0.1	0.9	NA	BDL	BDL	BDL
Heptachlor (ug/l)	8081a/8151	0.04	0.4	0.4	0.05	2.6	NA	NA	BDL	BDL
Heptachlor Epoxide (ug/l)	8081a/8151	0.02	0.2	0.2	0.05	2.6	NA	NA	BDL	BDL
Methoxychlor (ug/l)	8081a/8151	0.5	40	40	--	--	NA	BDL	BDL	BDL
Toxaphene (ug/l)	8081a/8151	0.5	3	3	1	7.3	NA	BDL	BDL	BDL
2,4-D (ug/l)	8081a/8151	0.1	70	70	--	--	NA	BDL	BDL	BDL
2,4,5-TP (ug/l)	8081a/8151	0.1	10	--	--	--	NA	BDL	BDL	BDL
Dioxin (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	BDL	NA
Furan (ug/l)	8081a/8151	--	--	--	--	--	NA	NA	BDL	NA
Phenols, Total (mg/l)	420.1/420.2	0.015	4	4	92000000	--	BDL	BDL	0.039	0.148
Volatile Organic Compounds (ug/l)										
Acetone	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Acrylamide	8032A	2	--	--	--	--	BDL	BDL	BDL	BDL
Acrylonitrite	8260B	0.5	0.5	0.5	20	--	BDL	BDL	BDL	BDL

TABLE 4 (continued)
2001 Summary of Monitoring Results
CRRA - Wallingford Landfill, Wallingford, CT

	Method #	MDL	Comparative Standard [1]	Ground Water Protection Criteria (GWPC) [2]	Surface Water Protection (SWPC) [2]	Surface Water Reporting Condition [3]	MW-200 Upper Aquifer	MW-200 Upper Aquifer	MW-200 Upper Aquifer	MW-200 Upper Aquifer
Benzene	8260B	1	1	1	710	--	BDL	BDL	BDL	BDL
Bromobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromochloromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Bromodichloromethane	8260B	1	0.56	0.56	--	--	BDL	BDL	BDL	BDL
Bromoform	8260B	1	4	4	10800	--	BDL	BDL	BDL	BDL
Bromomethane	8260B	1	9.8	9.8	--	--	BDL	BDL	BDL	BDL
2-Butanone (MEK)	8260B	2	400	400	--	--	BDL	BDL	BDL	BDL
n-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
sec- Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Carbon Disulfide	8260B	10	700	700	--	--	BDL	BDL	BDL	BDL
Carbon Tetrachloride	8260B	1	5	5	132	--	BDL	BDL	BDL	BDL
Chlorobenzene	8260B	1	100	100	420000	--	BDL	BDL	BDL	BDL
Chlorodibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Chloroethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2-Chloroethylvinylether	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
Chloroform	8260B	1	6	6	14100	--	BDL	BDL	BDL	BDL
Chloromethane	8260B	1	2.7	2.7	--	--	BDL	BDL	BDL	BDL
2-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Chlorotoluene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane (DBCP)	504	0.02	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	504	0.02	0.05	--	--	--	BDL	BDL	BDL	BDL
Dibromomethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	8260B	1	600	600	170000	--	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	8260B	1	600	600	26000	--	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	8260B	1	75	75	26000	--	BDL	BDL	BDL	BDL
Dichlorodiflouromethane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloroethane	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,2-Dichloroethane (EDC)	8260B	1	1	1	2970	--	BDL	BDL	BDL	BDL
1,1-Dichloroethene	8260B	1	7	7	96	--	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Dichloromethane (Methylene Chloride)	8260B	1	5	5	48000	--	BDL	BDL	BDL	BDL
1,2-Dichloropropane	8260B	1	5	5	--	--	BDL	BDL	BDL	BDL
1,3-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
2,2-Dichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,1-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene	8260B	1	10	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	8260B	1	700	700	580000	--	BDL	BDL	BDL	BDL
2-Hexanone	8260B	1	--	--	--	--	BDL	166.0	BDL	BDL
Hexachlorobutadiene	8260B	5	0.45	0.45	--	--	BDL	BDL	BDL	BDL
Isopropylbenzene	8260B	1	30	30	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
Methyl Iodide	8260B	10	--	--	--	--	BDL	BDL	BDL	BDL
4-Methyl-2-pentanone (MIBK)	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Methyl Tert Butyl Ether (MTBE)	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
Napthalene	8260B	1	280	280	--	--	BDL	BDL	BDL	BDL
n-Propylbenzene	8260B	1	61	61	--	--	BDL	BDL	BDL	BDL
Styrene	8260B	1	100	100	--	--	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	8260B	0.5	1	1	--	--	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	8260B	0.5	0.5	0.5	110	--	BDL	BDL	BDL	BDL
Tetrachloroethene	8260B	1	5	5	88	--	BDL	BDL	BDL	BDL
Toluene	8260B	1	1000	1000	4000000	--	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	8260B	1	70	70	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	8260B	1	200	200	62000	--	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	8260B	1	5	5	1260	--	BDL	BDL	BDL	BDL
Trichloroethene	8260B	1	5	5	2340	--	BDL	BDL	BDL	BDL
Trichloroflouromethane	8260B	1	1300	1300	--	--	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	8260B	1	350	350	--	--	BDL	BDL	BDL	BDL
Vinyl Acetate	8260B	1	--	--	--	--	BDL	BDL	BDL	BDL
Vinyl Chloride	8260B	1	2	2	15750	--	BDL	BDL	BDL	BDL
Total Xylene	8260B	1	530	530	--	--	BDL	BDL	BDL	BDL

[1] Based on lowest protection criteria (see table 4)
[2] From CTDEP Remediation Standard Regulations
[3] Surface Water Reporting Condition Equals Ten Times the Acute Aquatic Life Criteria Listed in the State of Connecticut Water Quality Standards

-- = no standard
mv = millivolts
mg/l = milligrams per liter
ppm = parts per million
ug/l = micrograms per liter

S.U. = standard units
NTU = Nephelometric Turbidity Units
BDL = below detection limits
MDL = minimum detection limit
NA = not analyzed