

**2004 REGULATED ORGANIC CONTAMINANTS - UNTREATED WELLS**

PARAMETERS (µg/L)	NYS DOH MCL	US EPA MCLG	W05			W05A			W50A			W55			Sources in Drinking Water
			# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	
Total Trihalomethanes	80		12	ND	ND	10	ND - 29	ND <sup>(1)</sup>	12	ND	ND	0	-	-	By-product of drinking water chlorination
<b>Principal Organic Contaminants:</b>															
Benzene	5	0	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Bromobenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Bromochloromethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Bromomethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
n-Butylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
sec-Butylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
tert-Butylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Carbon Tetrachloride	5	0	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Chlorobenzene	5		12	ND - 0.5	ND <sup>(2)</sup>	10	ND	ND	12	ND	ND	0	-	-	Discharge from chemical and agricultural chemical factories.
Chloroethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Chloromethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
2-Chlorotoluene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
4-Chlorotoluene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Dibromomethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2-Dichlorobenzene	5	600	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,3-Dichlorobenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,4-Dichlorobenzene	5	75	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Dichlorodifluoromethane	5		12	ND - 0.8	< 0.5	10	0.9 - 1.4	1.1	12	ND	ND	0	-	-	By-product of drinking water chlorination
1,1-Dichloroethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2-Dichloroethane	5	0	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1-Dichloroethene	5	7	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
cis-1,2-Dichloroethylene	5	70	12	0.9 - 1.1	0.9	10	0.7 - 1.2	1.0	12	ND	ND	2	6.8 - 8.5	7.6	By-product of drinking water chlorination
trans-1,2-Dichloroethylene	5	100	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2-Dichloropropane	5	0	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,3-Dichloropropane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
2,2-Dichloropropane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1-Dichloropropene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
cis-1,3-Dichloropropene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
trans-1,3-Dichloropropene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Ethylbenzene	5	700	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Hexachlorobutadiene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Isopropylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
p-Isopropyltoluene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Methylene chloride	5	0	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
n-Propylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Styrene	5	100	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1,1,2-Tetrachloroethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1,2,2-Tetrachloroethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Tetrachloroethylene	5	0	12	39.2 - 49.4	44.4	10	29.7 - 40.1	33.6	12	10.9 - 12.8	11.7	2	68.0 - 70.0	69.0	Discharge from dry cleaners
Toluene	5	1000	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2,3-Trichlorobenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2,4-Trichlorobenzene	5	70	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1,1-Trichloroethane	5	200	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,1,2-Trichloroethane	5	3	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
Trichloroethene	5	0	12	3.0 - 4.3	3.8	10	1.5 - 2.7	1.9	12	0.5 - 0.6	0.6	2	2.6 - 3.0	2.8	Discharge from dry cleaners
Trichlorofluoromethane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,2,3-Trichloropropane	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	

1,2,4-Trimethylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
1,3,5-Trimethylbenzene	5		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
m-Xylene	5	10,000 (total)	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
o-Xylene	5	10,000 (total)	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	
p-Xylene	5	10,000 (total)	12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	

### 2004 SPECIFIED ORGANIC CHEMICALS - UNTREATED WELLS

PARAMETERS (µg/L)	NYS DOH MCL	US EPA MCLG	W05			W05A			W50A			W55			Sources in Drinking Water
			# SAMPLES	RANGE	AVG										
Vinyl chloride	2		12	ND	ND	10	ND	ND	12	ND	ND	0	-	-	Degradation of other chemicals leaching from waste sites, spills, etc.

### 2004 UNSPECIFIED ORGANIC CHEMICALS

PARAMETERS (µg/L)	NYS DOH MCL	US EPA MCLG	W05			W05A			W50A			W55			Sources in Drinking Water
			# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	
Acetone			11	ND	ND	10	ND	ND	11	ND	ND	0	-	-	Occurs naturally and is used in the production of paints, varnishes, plastics, adhesives, organic chemicals and alcohol. Also used to clean and dry parts of precision equipment
Methyl tert-butyl ether (MTBE)	50		12	0.8 - 1.6	1.2	10	1.2 - 1.8	1.5	12	ND	ND	0	-	-	Formerly an additive to gasoline

(1) Only one sample (Sample #: 16609, Date: 6/22/04, Site: W05A) was detected with the contaminant (total trihalomethanes) at levels below the MCL.

(2) Only one sample (Sample #: 28280, Date: 10/12/04, Site: W05) was detected with the contaminant (chlorobenzene) at levels below the MCL.

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

µg/L = micrograms per liter ( $10^{-6}$  grams per liter)

ND = Not detected