

**2004 REGULATED ORGANIC CONTAMINANTS - TREATED WELLS**

PARAMETERS (µg/L)	NYS DOH MCL	US EPA MCLG	W05E			W23AT			W32F			W43AT			W50E			W55F			Sources in Drinking Water
			# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	
Total Trihalomethanes	80		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	By-product of drinking water chlorination
<b>Principal Organic Contaminants:</b>																					
Benzene	5	0	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Bromobenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Bromochloromethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Bromomethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
n-Butylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
sec-Butylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
tert-Butylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Carbon Tetrachloride	5	0	12	ND	ND	4	ND - 0.6	0.5	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	Discharge from chemical plants and other industrial activities.
Chlorobenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Chloroethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Chloromethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
2-Chlorotoluene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
4-Chlorotoluene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Dibromomethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2-Dichlorobenzene	5	600	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,3-Dichlorobenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,4-Dichlorobenzene	5	75	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Dichlorodifluoromethane	5		12	ND	ND	4	ND	ND	4	1.2 - 1.8	1.5	4	ND	ND	12	ND	ND	0	-	-	By-product of drinking water chlorination
1,1-Dichloroethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2-Dichloroethane	5	0	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1-Dichloroethene	5	7	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
cis-1,2-Dichloroethylene	5	70	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	2	ND	ND	By-product of drinking water chlorination
trans-1,2-Dichloroethylene	5	100	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2-Dichloropropane	5	0	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,3-Dichloropropane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
2,2-Dichloropropane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1-Dichloropropene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
cis-1,3-Dichloropropene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
trans-1,3-Dichloropropene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Ethylbenzene	5	700	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Hexachlorobutadiene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Isopropylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
p-Isopropyltoluene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Methylene chloride	5	0	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
n-Propylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Styrene	5	100	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1,1,2-Tetrachloroethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1,1,2,2-Tetrachloroethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Tetrachloroethylene	5	0	12	ND	ND	4	1.5 - 1.7	1.6	4	2.3 - 2.6	2.5	4	0.7 - 0.9	0.8	12	ND - 0.5	ND <sup>(1)</sup>	2	ND	ND	Discharge from dry cleaners
Toluene	5	1000	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2,3-Trichlorobenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2,4-Trichlorobenzene	5	70	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1,1-Trichloroethane	5	200	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,1,2-Trichloroethane	5	3	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
Trichloroethene	5	0	12	ND	ND	4	ND	ND	4	ND	ND	4	0.9 - 1.1	0.9	12	ND	ND	2	ND	ND	Discharge from dry cleaners
Trichlorofluoromethane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2,3-Trichloropropane	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,2,4-Trimethylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
1,3,5-Trimethylbenzene	5		12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
m-Xylene	5	10,000 (total)	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
p-Xylene	5	10,000 (total)	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	
o-Xylene	5	10,000 (total)	12	ND	ND	4	ND	ND	4	ND	ND	4	ND	ND	12	ND	ND	0	-	-	

2004 SPECIFIED ORGANIC CHEMICALS - TREATED WELLS																					
PARAMETERS (µg/L)	NYS DOH MCL	US EPA MCLG	W05E			W23AT			W32F			W43AT			W50E			W55F			Sources in Drinking Water
			# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	
Vinyl chloride	2		12	ND	ND	4	ND	ND	4	ND	ND	4	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	W05E			W23AT			W32F			W43AT			W50E			W55F			Sources in Drinking Water
			# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	# SAMPLES	RANGE	AVG	
Acetone			12	ND	ND	4	ND	ND	3	ND	ND	4	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	ND - 0.9	0.5	4	ND	ND	4	ND	ND	4	ND	ND	12	ND - 0.9	ND <sup>(2)</sup>	0	-	-	Formerly an additive to gasoline

(1) Only one sample (Sample #: 19487, Date: 7/20/04, Site: W50E) was detected with the contaminant (tetrachloroethene) at levels below the MCL.

(2) Only one sample (Sample #: 21702, Date: 8/10/04, Site: W50E) was detected with the contaminant (MTBE) at levels below the MCL.

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

µg/L = micrograms per liter (10<sup>-6</sup> grams per liter)

ND = Not detected