

Concentrations ($\mu\text{g/L}$) of disinfection by-products (DBP) in drinking water from Kemptville College and Ottawa for Total Diet Study in 2000

DBP	Britannia treatment plant, Ottawa					Kemptville College				
	R	T	D1	D2	D3	S1	S2	S3	S4	S5
Monochloroacetic acid	<0.1	0.5	0.5	0.6	0.9	na	<0.1	na	na	na
Dichloroacetic acid	0.1	11.0	11.2	11.7	13.9	na	0.2	na	na	na
Trichloroacetic acid	0.1	9.0	8.8	9.5	9.2	na	<0.1	na	na	na
Monobromoacetic acid	<0.1	<0.1	<0.1	<0.1	<0.1	na	<0.1	na	na	na
Dibromoacetic acid	<0.1	<0.1	<0.1	<0.1	<0.1	na	2.6	na	na	na
Bromochloroacetic acid	<0.1	0.5	0.5	1.0	1.1	na	<0.1	na	na	na
Bromodichloroacetic acid	<0.1	0.3	0.5	0.6	<0.1	na	<0.1	na	na	na
Chlorodibromoacetic acid	<0.1	<0.1	<0.1	<0.1	<0.1	na	<0.1	na	na	na
Chloroform	<0.1	29.8	35.6	40.7	40.9	0.3	0.3	0.3	0.3	0.3
Bromodichloromethane	<0.1	3.1	3.3	3.5	3.6	1.4	1.4	1.4	1.4	1.4
Chlorodibromomethane	<0.1	0.1	0.2	0.2	0.2	4.3	4.3	4.3	4.3	4.3
Bromoform	<0.1	<0.1	<0.1	<0.1	<0.1	5.0	5.0	5.0	5.0	5.1
Total Trihalomethanes	<0.1	33.0	39.1	44.4	44.6	10.9	11.0	11.0	10.9	11.1
Trichloroacetonitrile	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	0.1
Dichloroacetonitrile	<0.1	1.1	1.3	1.2	1.2	0.3	0.3	0.3	0.3	0.3
Bromochloroacetonitrile	<0.1	<0.1	<0.1	0.0	0.0	1.0	1.1	1.1	1.1	1.1
Dibromoacetonitrile	<0.1	<0.1	<0.1	<0.1	<0.1	1.3	1.4	1.4	1.4	1.5
1,1-Dichloro-2-propanone	<0.1	1.1	1.2	1.4	1.4	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1-Trichloro-2-propanone	<0.1	2.6	2.6	1.0	0.8	<0.1	<0.1	0.1	<0.1	0.1
Chloral Hydrate	<0.1	1.5	1.7	1.7	1.8	<0.1	<0.1	<0.1	<0.1	<0.1
Chloropicrin	<0.1	0.2	0.2	0.2	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanogen chloride	<0.1	1.4	1.9	1.8	1.8	0.1	0.1	0.1	0.1	0.1

Water type:

- R raw water - laboratory
- T plant effluent - laboratory
- D1 distribution system - Croydon fire hall
- D2 distribution system - Glencairn reservoir
- D3 distribution system - Stittsville arena
- na not analysed
- S1 Sink #1 - preparation room
- S2 Sink #2 - preparation room
- S3 Sink #3 - preparation room
- S4 Sink #4 - preparation room
- S5 Sink #5 - preparation room