

Parameter	Legal Limit	Units	Number of samples taken	Sample Results			Number of samples not meeting legal limit
				Minimum	Average	Maximum	
MICROBIOLOGICAL PARAMETERS							
Clostridium perfringens	0	No. per 100 ml	16	0	0	0	0
Coliform bacteria	0	No. per 100 ml	48	0	0	0	0
Colony counts (3 day at 22°C)	No abnormal change	No. per 1 ml	19	0	0	3	0
E. coli	0	No. per 100 ml	48	0	0	0	0
Enterococci	0	No. per 100 ml	7	0	0	0	0
CHEMICAL PARAMETERS							
1,2-dichloroethane	3	µg/l	16	<0.13	<0.132	<0.164	0
Alkalinity (as calcium carbonate)	No legal Limit	mg/l	1	286	286	286	0
Aluminium	200	µg/l	7	<14	<14	<14	0
Ammonium	0.5	mg/l	7	<0.042	<0.042	<0.042	0
Antimony	5	µg/l	7	<0.13	<0.13	<0.13	0
Arsenic	10	µg/l	7	<0.112	<0.112	<0.112	0
Benzene	1	µg/l	16	<0.055	<0.056	<0.078	0
Benzo(a)pyrene	0.01	µg/l	7	<0.001	<0.001	<0.001	0
Boron	1	mg/l	16	<0.068	<0.096	0.151	0
Bromate	10	µg/l	16	<0.35	<0.35	0.36	0
Cadmium	5	µg/l	7	<0.007	<0.008	0.01	0
Calcium	No legal Limit	mg/l	3	102	118	149	0
Chloride	250	mg/l	16	57.7	74.6	82.8	0
Chlorine (free)	No legal Limit	mg/l	48	0.24	0.51	0.7	0
Chlorine (total)	No legal Limit	mg/l	48	0.32	0.62	0.85	0
Chromium	50	µg/l	7	<0.673	<0.673	<0.673	0
Colour	20	µg/l	19	<0.34	<0.4	0.9	0
Conductivity	2500	µS/cm @ 20 °C	31	734	772	822	0
Copper	2	mg/l	7	0.01	0.032	0.065	0
Cyanide	50	µg/l	16	<1	<1	<1	0
Fluoride	1.5	mg/l	16	0.327	0.663	1.284	0
Hardness (total) as calcium	No legal Limit	mg/l	3	132.8	146.5	172	0
Iron	200	µg/l	7	<7	<7	<7	0
Lead	10	µg/l	7	<0.16	<0.276	0.354	0
Magnesium	No legal Limit	mg/l	3	14.2	17.5	19.5	0
Manganese	50	µg/l	7	<1	<1	<1	0
Mercury	1	µg/l	16	<0.029	<0.029	<0.029	0
Nickel	20	µg/l	7	<0.186	<2.024	5.23	0
Nitrate	50	mg/l	7	<3.763	<3.763	<3.763	0
Nitrite	0.5	mg/l	7	<0.009	<0.009	<0.009	0
Nitrite/Nitrate	1	mg/l	7	0	0	0	0
Odour	Acceptable to consumers and no abnormal change	Dilution No.	19	0	0	0	0
PAHs (sum of 4)	0.1	µg/l	7	0	0	0	0
pH (Hydrogen ion)	6.5 - 9.5	pH value	19	7.22	7.4	7.56	0
Phosphorus	No legal Limit	mg/l	38	0.09	1.9	2.28	0
Potassium	No legal Limit	mg/l	1	9.21	9.21	9.21	0
Selenium	10	µg/l	7	<0.35	<0.67	1.11	0
Sodium	200	mg/l	7	34	58	101	0
Solvents (tetrachloroethane and trichloroethene)	10	µg/l	16	0	0	0	0
Sulphate	250	mg/l	16	37	53.9	70.2	0
Taste	Acceptable to consumers and no abnormal change	Dilution No.	20	0	0	0	0
Temperature	No legal Limit	°C	47	7.6	13.2	19.5	0
Tetrachloromethane	3	µg/l	16	<0.094	<0.095	<0.1	0
Total organic carbon (TOC)	No abnormal change	mg/l	16	1.04	1.35	1.57	0
Trihalomethanes (THMs) (total)	100	µg/l	7	8.2	10.7	15	0
Turbidity	4	NTU	19	<0.013	<0.051	0.21	0
PESTICIDES							
Bentazone	0.1	µg/l	10	<0.004	<0.004	<0.004	0
Clopyralid	0.1	µg/l	10	<0.004	<0.008	<0.009	0
Fluroxypyr	0.1	µg/l	10	<0.003	<0.009	<0.01	0
Metolachlor	0.1	µg/l	16	<0.004	<0.011	0.046	0
Pesticides - Total	0.5	µg/l	16	0	0.011	0.046	0
Propyzamide	0.1	µg/l	10	<0.002	<0.002	<0.002	0