

**S529 FAIRLIGHT WATER SUPPLY ZONE**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	36	<6.9	15.955	39.3	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.00925	0.013	0
ANTIMONY	ugSb/l	5	8	0.08	0.10375	0.14	0
ARSENIC	ugAs/l	10	8	0.16	0.2225	0.33	0
BENZO A PYRENE	ug/l	0.01	8	<0.00042	0.00046	0.00057	0
BROMATE	ugBrO3/l	10	8	0.4	0.7825	1.42	0
CADMIUM	ugCd/l	5	8	<0.01	0.0275	0.03	0
CHROMIUM	ugCr/l	50	8	0.08	0.1675	0.18	0
COLIFORM BACTERIA	Number/100ml	0	84	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	36	0	1.19444	17	0
COLOUR	mg/l Pt/Co	20	36	<3	<3	<3	0
COPPER	mgCu/l	2	8	0.0008	0.0149	0.0657	0
E.COLI	Number/100ml	0	84	0	0	0	0
ENTEROCOCCI	Number/100ml	0	8	0	0	0	0
FREE CHLORINE	mg/l as Cl2		84	<0.04	0.21155	0.64	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	36	7.24	7.67389	7.98	0
IRON	ugFe/l	200	36	<3.72	6.54444	24.7	0
LEAD	ugPb/l	10	8	<0.04	0.0775	0.15	0
MANGANESE	ugMn/l	50	36	<0.3	0.86639	1.93	0
NICKEL	ugNi/l	20	8	0.55	0.82875	1.02	0
NITRATE	mgNO3/l	50	8	<2.11	2.765	3.71	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00275	0.003	0
NITRITE/NITRATE FORMULA	Number	1	8	0	0.04375	0.07	0
ODOUR	Diln. No.	No Abnormal Change	36	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	8	0	0	0	0
SELENIUM	ugSe/l	10	8	<0.08	0.29	0.32	0
SODIUM	mgNa/l	200	8	21.8	32.2375	37.6	0
TASTE	Diln. No.	No Abnormal Change	36	0	0	0	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	8	0	0	0	0
TETRACHLOROMETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
TOTAL CHLORINE	mg/l as Cl2		84	0.08	0.30214	0.76	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	8	33.8	48.16375	61.06	0
TURBIDITY	NTU	4	36	<0.13	0.15694	0.48	0

**BEAUPORT HASTINGS WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	8	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
BENTAZONE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0268	0.03451	0.04	0
BOSCALID	ug/l	0.1	8	<0.008	<0.008	<0.008	0
BROMATE	ugBr03/l	10	8	<0.15	0.28375	0.5	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	8	<0.009	0.012	0.013	0
CHLORIDE	mgCl/l	250	8	34	36.175	37.8	0
CHLORMEQUAT	ug/l	0.1	8	<0.003	0.00425	0.008	0
CHLOROTHALONIL	ug/l	0.1	8	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.0065	0.007	0
CLOPYRALID	ug/l	0.1	8	<0.011	<0.011	<0.011	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	365	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	366	0	0.18306	9	0
CONDUCTIVITY	uS/cm	2500	104	231	262.31731	640	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	8	<0.006	0.00675	0.007	0
DICAMBA	ug/l	0.1	8	<0.012	<0.012	<0.012	0
DICHLORPROP	ug/l	0.1	8	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	365	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	8	0.04	0.05625	0.08	0
FLUOROXYPYR	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FLUXAPYROXAD	ug/l	0.1	8	<0.009	0.00925	0.01	0
FREE CHLORINE	mg/l as Cl2		369	0.32	0.84355	1.11	0
GLYPHOSATE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.014	0.01813	0.024	0
GROSS BETA	Bq/l	1	8	0.052	0.07813	0.101	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0

**BEAUPORT HASTINGS WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	8	<0.005	<0.005	<0.005	0
LINURON	ug/l	0.1	8	<0.009	0.00975	0.01	0
MCPA	ug/l	0.1	8	<0.006	<0.006	<0.006	0
MECOPROP	ug/l	0.1	8	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	8	<0.004	0.005	0.008	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
METAZACHLOR	ug/l	0.1	8	<0.005	0.00575	0.006	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00263	0.003	0
PENDIMETHALIN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0	0	0
PICLORAM	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.0075	0.009	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO4/l	250	8	24	26.1875	27.8	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
TERBUTHYLAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
TOTAL CHLORINE	mg/l as Cl2		369	0.37	0.91322	1.23	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	1.81	2.4575	2.99	0
TRIALATE	ug/l	0.1	8	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	8	<0.016	<0.016	<0.016	0
TURBIDITY	NTU	1	368	<0.13	0.19418	0.68	0

**BREDE WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	10	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	10	<0.008	<0.008	<0.008	0
BENTAZONE	ug/l	0.1	10	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0274	0.03635	0.0419	0
BOSCALID	ug/l	0.1	8	<0.008	<0.008	<0.008	0
BROMATE	ugBr03/l	10	8	0.4	0.8225	1.34	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	8	<0.009	0.012	0.013	0
CHLORIDE	mgCl/l	250	8	50.4	52.7625	56.5	0
CHLORMEQUAT	ug/l	0.1	10	<0.003	0.004	0.008	0
CHLOROTHALONIL	ug/l	0.1	10	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.0065	0.007	0
CLOPYRALID	ug/l	0.1	10	<0.011	<0.011	<0.011	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	208	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	208	0	0.19712	3	0
CONDUCTIVITY	uS/cm	2500	36	268	306.77778	381	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	8	<0.006	0.00675	0.007	0
DIAZINON	ug/l	0.1	10	<0.007	<0.007	<0.007	0
DICAMBA	ug/l	0.1	10	<0.012	<0.012	<0.012	0
DICHLORPROP	ug/l	0.1	10	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	10	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	10	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	208	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FENPROPIMORPH	ug/l	0.1	10	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	8	<0.04	0.05375	0.07	0
FLUOROXYPYR	ug/l	0.1	10	<0.008	<0.008	<0.008	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FLUXAPYROXAD	ug/l	0.1	8	<0.009	0.00925	0.01	0
FREE CHLORINE	mg/l as Cl2		209	0.21	0.73947	0.98	0
GLYPHOSATE	ug/l	0.1	10	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.016	0.022	0.027	0
GROSS BETA	Bq/l	1	8	0.042	0.06888	0.082	0

**BREDE WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
HEPTACHLOR	ug/l	0.03	10	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	10	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	8	<0.005	<0.005	<0.005	0
LINURON	ug/l	0.1	8	<0.009	0.00975	0.01	0
MCPA	ug/l	0.1	10	<0.006	<0.006	<0.006	0
MECOPROP	ug/l	0.1	10	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	10	<0.004	0.0048	0.008	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	10	<0.007	<0.007	<0.007	0
METAZACHLOR	ug/l	0.1	8	<0.005	0.00575	0.006	0
NITRITE	mgNO <sub>2</sub> /l	0.5	8	<0.002	0.00263	0.003	0
PENDIMETHALIN	ug/l	0.1	10	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	10	0	0	0	0
PICLORAM	ug/l	0.1	10	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	10	<0.016	<0.016	<0.016	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.0075	0.009	0
PROPYZAMIDE	ug/l	0.1	10	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO <sub>4</sub> /l	250	8	23	24.3625	26.2	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
TERBUTHYLAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
TOTAL CHLORINE	mg/l as Cl <sub>2</sub>		209	0.22	0.81526	1.12	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	1.47	1.92625	2.26	0
TRIALATE	ug/l	0.1	10	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	10	<0.016	<0.016	<0.016	0
TRIFLURAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	209	<0.13	0.16699	0.42	0