

ANALYSES	ASHTON Sample no.: 3267 Date Sample: 2015/02/05 Date Analysed: 2015/02/05	BONNIEVALE Sample no.: 3251 Date Sample: 2015/02/05 Date Analysed: 2015/02/05	McGREGOR Sample no.: 3244 Date Sample: 2015/02/05 Date Analysed: 2015/02/05	MONTAGU Sample no.: 3254 Date Sample: 2015/02/05 Date Analysed: 2015/02/05	ROBERTSON Sample no.: 3234 Date Sample: 2015/02/05 Date Analysed: 2015/02/05	SANS 241-1 2011
pHs (at 25°C)	8.86	8.84	10.21	8.92	9.74	N/A
pH (at 25°C)	7.16	7.51	6.55	7.43	7.11	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	48.0	49.5	11.0	41.5	10.5	≤ 170 Aesthetic
Turbidity (NTU)	0.49	0.39	1.8	0.85	1.3	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.7	-1.3	-3.7	-1.5	-2.6	N/A
Ryznar Index	-7.2	-7.5	-6.6	-7.4	-7.1	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	5	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-15.3	-8.4	-14.8	-9.7	-10.3	N/A
Total Alkalinity (mg/l as CaCO ₃)	43.4	43.0	8.0	42.5	16.0	N/A
Total Hardness (mg/l as CaCO ₃)	66.1	70.9	13.0	57.2	16.0	N/A
Calcium (mg/l as Ca)	9.4	10.0	2.1	8.3	3.1	N/A
Magnesium (mg/l as Mg)	10.4	11.2	1.9	8.9	2.0	N/A
Aluminium (ug/l asAl)	295	223	379	403	183	≤ 300 Operational
Iron (ug/l asFe)	<24	<24	38	30	42	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	0.77	1.4	1.9	0.80	0.61	≤ 5.0 Chronic Health
E.coli (count per 100ml)	<1	<1	<1	<1	<1	Not Detected Acute Health -1
Total Coliform Bacteria (count per 100ml)	<1	,1	<1	<1	<1	≤ 10 Operational
Calcium Hardness (mg/l as CaCO3)	23.5	25.0	5.3	20.8	7.8	N/A
Magnesium Hardness (mg/l as CaCO3)	42.6	45.9	7.8	36.5	8.2	N/A