

ANALYSES	ASHTON Sample no.: 5360 Date Sample: 2015/03/05 Date Analysed: 2015/03/05	BONNIEVALE Sample no.: 5344 Date Sample: 2015/03/05 Date Analysed: 2015/03/05	McGREGOR Sample no.: 5336 Date Sample: 2015/03/05 Date Analysed: 2015/03/05	MONTAGU Sample no.: 5350 Date Sample: 2015/03/05 Date Analysed: 2015/03/05	ROBERTSON Sample no.: 5327 Date Sample: 2015/03/05 Date Analysed: 2015/03/05	SANS 241-1 2011
pHs (at 25°C)	8.81	8.79	9.96	8.81	7.22	N/A
pH (at 25°C)	7.59	7.67	6.75	7.71	9.56	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	50.5	54.5	11.5	49.5	13.0	≤ 170 Aesthetic
Turbidity (NTU)	0.22	0.13	0.48	1.7	0.99	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.2	-1.1	-3.2	-1.1	-2.3	N/A
Ryznar Index	-7.6	-7.7	-6.8	-7.7	-7.2	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-7.3	-6.7	-14.0	-5.8	-9.2	N/A
Total Alkalinity (mg/l as CaCO ₃)	42.3	45.2	12.0	39.6	17.9	N/A
Total Hardness (mg/l as CaCO ₃)	70.5	75.1	14.0	75.1	21.2	N/A
Calcium (mg/l as Ca)	10.8	10.7	2.5	11.5	4.2	N/A
Magnesium (mg/l as Mg)	10.6	11.8	1.9	11.3	2.6	N/A
Aluminium (ug/l asAl)	225	802	418	1143	167	≤ 300 Operational
Iron (ug/l asFe)	<24	<24	<24	52	<24	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	0.98	1.1	0.67	5.6	0.30	≤ 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 CaCO ₃)	27.0	26.8	6.3	28.8	10.5	N/A
Magnesium Hardness (mg/l as CaCO ₃)	43.5	48.4	7.8	46.3	10.7	N/A