

ANALYSES	ASHTON Sample no.: 20812 Date Sample: 2014/10/13 Date Analysed: 2014/10/13	BONNIEVALE Sample no.: 20796 Date Sample: 2014/10/13 Date Analysed: 2014/10/13	McGREGOR Sample no.: 20789 Date Sample: 2014/10/13 Date Analysed: 2014/10/13	MONTAGU Sample no.: 20802 Date Sample: 2014/10/13 Date Analysed: 2014/10/13	ROBERTSON Sample no.: 20779 Date Sample: 2014/10/13 Date Analysed: 2014/10/13	SANS 241-1 2011
pHs (at 25°C)	8.94	8.88	9.91	9.22	9.98	N/A
pH (at 25°C)	7.49	7.56	6.94	7.18	7.13	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	44.8	50.9	11.5	31.3	6.5	≤ 170 Aesthetic
Turbidity (NTU)	0.22	0.47	0.25	2.2	0.57	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.5	-1.3	-3.0	-2.0	-2.9	N/A
Ryznar Index	-7.5	-7.6	-6.9	-7.2	-7.1	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-6.4	-6.0	-11.3	-9.4	-9.8	N/A
Total Alkalinity (mg/l as CaCO ₃)	26.5	28.8	12.5	21.0	13.0	N/A
Total Hardness (mg/l as CaCO ₃)	74.8	86.5	15.4	49.0	10.0	N/A
Calcium (mg/l as Ca)	12.7	13.6	2.7	8.3	2.1	N/A
Magnesium (mg/l as Mg)	10.5	12.8	2.1	6.9	1.1	N/A
Aluminium (ug/l asAl)	142	192	407	1731	148	≤ 300 Operational
Iron (ug/l asFe)	110	35	<24	84	<24	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	0.26	1.3	0.14	2.5	0.68	≤ 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)	31.8	34.0	6.8	20.8	5.4	N/A
Magnesium Hardness (mg/l as CaCO ₃)	43.1	52.5	8.6	28.3	4.6	N/A