

<b>ANALYSES</b>	<b>ASHTON Sample no.: 10039 Date Sample: 2015/05/07 Date Analysed: 2015/05/08</b>	<b>BONNIEVALE Sample no.: 10028 Date Sample: 2015/05/07 Date Analysed: 2015/05/08</b>	<b>McGREGOR Sample no.: 10023 Date Sample: 2015/05/07 Date Analysed: 2015/05/08</b>	<b>MONTAGU Sample no.: 10033 Date Sample: 2015/05/07 Date Analysed: 2015/05/08</b>	<b>ROBERTSON Sample no.: 10017 Date Sample: 2015/05/07 Date Analysed: 2015/05/08</b>	<b>SANS 241-1 2011</b>
pH (at 25°C)	6.83	7.63	6.65	7.08	7.19	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	75.5	142	10.0	69.0	15.0	≤ 170 Aesthetic
Turbidity (NTU)	0.13	0.60	0.48	0.90	1.0	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-0.64	-0.40	-3.7	-1.5	-2.3	N/A
Ryznar Index	8.1	8.4	14.0	10.2	11.9	N/A
Colour (mg/l as Pt)	5	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO <sub>3</sub> Precipitation Potential (mg/l)	-85.6	-8.0	-16.0	-21.0	-10.4	N/A
Total Alkalinity (mg/l as CaCO <sub>3</sub> )	752	120	<11.0	56.4	21.2	N/A
Total Hardness (mg/l as CaCO <sub>3</sub> )	93.9	192	7.5	89.1	19.8	N/A
Calcium (mg/l as Ca)	13.6	25.5	1.2	13.0	3.8	N/A
Magnesium (mg/l as Mg)	14.6	31.3	<1.1	13.8	2.5	N/A
Aluminium (ug/l asAl)	97	728	269	39	202	≤ 300 Operational
Iron (ug/l asFe)	<24	<24	<24	59	59	≤ 300 Aesthetic ≤ 2000 Chronic Health

Free Chlorine (mg/l)	1.6	1.4	0.07	0.53	0.54	≤ 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)	34.0	63.8	3.0	32.5	9.5	N/A
Magnesium Hardness (mg/l as CaCO3)	59.9	128	4.5	56.6	10.3	N/A