

<b>ANALYSES</b>	<b>ASHTON Sample no.: 22064 Date Sample: 2014/11/06 Date Analysed: 2014/11/06</b>	<b>BONNIEVALE Sample no.: 22054 Date Sample: 2014/11/06 Date Analysed: 2014/11/06</b>	<b>McGREGOR Sample no.: 22045 Date Sample: 2014/11/06 Date Analysed: 2014/11/06</b>	<b>MONTAGU Sample no.: 22058 Date Sample: 2014/11/06 Date Analysed: 2014/11/06</b>	<b>ROBERTSON Sample no.: 22023 Date Sample: 2014/11/06 Date Analysed: 2014/11/06</b>	<b>SANS 241-1 2011</b>
pHs (at 25°C)	8.77	8.54	9.82	8.86	9.22	N/A
pH (at 25°C)	7.55	7.74	6.72	6.87	7.05	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	48.5	77.0	10.5	25.0	29.5	≤ 170 Aesthetic
Turbidity (NTU)	0.77	0.73	0.43	0.91	1.2	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.2	-0.80	-3.1	-2.0	-2.2	N/A
Ryznar Index	-7.6	-7.7	-6.7	-6.9	-7.1	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO <sub>3</sub> Precipitation Potential (mg/l)	-6.0	-4.8	-15.7	-32.6	-11.2	N/A
Total Alkalinity (mg/l as CaCO <sub>3</sub> )	34.2	44.3	13.8	54.0	20.6	N/A
Total Hardness (mg/l as CaCO <sub>3</sub> )	87.8	126	15.7	42.4	50.3	N/A
Calcium (mg/l as Ca)	14.8	20.0	3.0	7.3	8.3	N/A
Magnesium (mg/l as Mg)	12.4	18.6	2.0	5.9	7.2	N/A
Aluminium (ug/l asAl)	99	271	185	378	126	≤ 300 Operational
Iron (ug/l asFe)	91	<24	<24	36	<24	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	0.11	0.45	<0.05	2.7	0.42	≤ 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 <sub>3</sub> )	37.0	50.0	7.5	18.3	20.8	N/A
Magnesium Hardness (mg/l as CaCO <sub>3</sub> )	50.8	76.3	8.2	24.2	29.5	N/A