

<b>ANALYSES</b>	<b>ASHTON Sample no.: 24008 Date Sample: 2014/12/02 Date Analysed: 2014/12/02</b>	<b>BONNIEVALE Sample no.: 23997 Date Sample: 2014/12/02 Date Analysed: 2014/12/02</b>	<b>McGREGOR Sample no.: 23985 Date Sample: 2014/12/02 Date Analysed: 2014/12/02</b>	<b>MONTAGU Sample no.: 23991 Date Sample: 2014/12/02 Date Analysed: 2014/12/02</b>	<b>ROBERTSON Sample no.: 23975 Date Sample: 2014/12/02 Date Analysed: 2014/12/02</b>	<b>SANS 241-1 2011</b>
pHs (at 25°C)	8.67	8.63	9.64	8.91	6.59	N/A
pH (at 25°C)	6.97	6.87	5.63	6.49	9.43	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	55.5	54.5	10.5	31.5	9.0	≤ 170 Aesthetic
Turbidity (NTU)	1.7	0.86	0.44	3.1	1.9	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.7	-1.8	-4.0	-2.4	-2.8	N/A
Ryznar Index	7.0	6.9	5.6	6.5	6.6	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO <sub>3</sub> Precipitation Potential (mg/l)	-25	-31	-213	-57	-39	N/A
Total Alkalinity (mg/l as CaCO <sub>3</sub> )	52.6	54.0	26.0	41.1	32.2	N/A
Total Hardness (mg/l as CaCO <sub>3</sub> )	80.4	82.9	14.2	53.2	14.3	N/A
Calcium (mg/l as Ca)	12.0	13.0	2.4	8.5	3.1	N/A
Magnesium (mg/l as Mg)	12.3	12.3	2.0	7.8	1.6	N/A
Aluminium (ug/l asAl)	241	340	243	1090	835	≤ 300 Operational
Iron (ug/l asFe)	30	33	<24	72	64	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	1.1	0.20	0.95	0.85	0.53	≤ 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)	30.0	32.5	6.0	21.3	7.8	N/A
Magnesium Hardness (mg/l as CaCO3)	50.4	50.4	8.2	32.0	6.6	N/A