

<b>ANALYSES</b>	<b>ASHTON Sample no.: 9567 Date Sample: 2016/05/05 Date Analysed: 2016/05/06</b>	<b>BONNIEVALE Sample no.: 9557 Date Sample: 2016/05/05 Date Analysed: 2016/05/06</b>	<b>McGREGOR Sample no.: 9552 Date Sample: 2016/05/05 Date Analysed: 2016/05/06</b>	<b>MONTAGU Sample no.: 9561 Date Sample: 2016/05/05 Date Analysed: 2016/05/06</b>	<b>ROBERTSON Sample no.: 9546 Date Sample: 2016/05/05 Date Analysed: 2016/05/06</b>	<b>SANS 241-1 2011</b>
pH (at 25°C)	6.60	6.67	6.60	6.70	6.83	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	38.0	9.28	12.5	29.5	21.0	≤ 170 Aesthetic
Turbidity (NTU)	4.9	32.0	0.43	0.36	1.7	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-2.7	-2.6	-3.4	-2.6	-2.8	N/A
Ryznar Index	11.9	11.9	13.4	11.9	12.5	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO <sub>3</sub> Precipitation Potential (mg/l)	-24.0	-19.8	-19.4	-19.0	-12.6	N/A
Total Alkalinity (mg/l as CaCO <sub>3</sub> )	19.5	18.2	13.8	18.4	13.0	N/A
Total Hardness (mg/l as CaCO <sub>3</sub> )	52.9	45.5	12.1	42.9	29.8	N/A
Calcium (mg/l as Ca)	8.2	8.2	1.9	7.5	4.7	N/A
Magnesium (mg/l as Mg)	7.9	6.1	1.8	5.9	4.4	N/A
Aluminium (ug/l asAl)	1030	492	364	104	322	≤ 300 Operational
Iron (ug/l asFe)	159	97	<24	<24	41	≤ 300 Aesthetic ≤ 2000 Chronic

						<0.05Health
Free Chlorine (mg/l)	<0.05	0.06	<0.05	1.1	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	3	185	<1	<1	≤ 10 Operational
Calcium Hardness (mg/l as CaCO <sub>3</sub> )	20.5	20.5	4.8	18.8	11.8	N/A
Magnesium Hardness (mg/l as CaCO <sub>3</sub> )	32.4	25.0	7.4	24.2	18.0	N/A
Heterotrophic Plate Count (count per ml)	<1	12	1212	<1	<1	≤ 1000 Operational