

ANALYSES	ASHTON Sample no.: 16428 Date Sample: 2015/08/06 Date Analysed: 2015/08/07	BONNIEVALE Sample no.: 16412 Date Sample: 2015/08/06 Date Analysed: 2015/08/07	McGREGOR Sample no.: 16401 Date Sample: 2015/08/06 Date Analysed: 2015/08/07	MONTAGU Sample no.: 16415 Date Sample: 2015/08/06 Date Analysed: 2015/08/07	ROBERTSON Sample no.: 16395 Date Sample: 2015/08/06 Date Analysed: 2015/08/07	SANS 241-1 2011
pH (at 25°C)	7.47	6.84	6.48	6.57	6.25	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	56.0	40.5	14.5	51.5	7.5	≤ 170 Aesthetic
Turbidity (NTU)	1.6	6.7	1.8	3.1	3.5	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.4	-2.2	-3.5	-2.5	-4.0	N/A
Ryznar Index	10.4	11.3	13.5	11.6	14.2	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-6.8	-17.1	-20.0	-28.9	-31.2	N/A
Total Alkalinity (mg/l as CaCO ₃)	27.9	23.2	<11.0	23.2	<11.0	N/A
Total Hardness (mg/l as CaCO ₃)	83.8	60.9	16.2	74.3	8.3	N/A
Calcium (mg/l as Ca)	13.0	10.4	2.7	11.2	1.5	N/A
Magnesium (mg/l as Mg)	12.5	8.5	2.3	11.3	<1.1	N/A
Aluminium (ug/l asAl)	140	568	293	4426	511	≤ 300 Operational
Iron (ug/l asFe)	65	88	<24	60	52	≤ 300 Aesthetic ≤ 2000 Chronic Health

Free Chlorine (mg/l)	0.55	0.08	0.09	1.1	0.84	≤ 5.0 Chronic Health
E.coli (count per 100ml)	<1	<1	4	<1	<1	Not Detected Acute Health -1
Total Coliform Bacteria (count per 100ml)	<1	<1	24	<1	<1	≤ 10 Operational
Calcium Hardness (mg/l as CaCO3)	32.5	26.0	6.8	28.0	3.8	N/A
Magnesium Hardness (mg/l as CaCO3)	51.3	34.9	9.4	46.3	4.5	N/A