

ANALYSES	ASHTON Sample no.: 8886 Date Sample: 8/5/2014 Date Analysed: 8/5/2014	BONNIEVALE Sample no.: 8868 Date Sample: 8/5/2014 Date Analysed: 8/5/2014	McGREGOR Sample no.: 8863 Date Sample: 8/5/2014 Date Analysed: 8/5/2014	MONTAGU Sample no.: 8876 Date Sample: 8/5/2014 Date Analysed: 8/5/2014	ROBERTSON Sample no.: 8854 Date Sample: 8/5/2014 Date Analysed: 8/5/2014	SANS 241-1 2011
pHs (at 25°C)	8.60	8.20	10.20	8.60	9.70	N/A
pH (at 25°C)	7.38	7.67	6.42	7.32	6.88	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	96.9	160	10.5	67.4	12.0	≤ 170 Aesthetic
Turbidity (NTU)	1.2	0.71	0.47	3.2	1.7	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.1	-0.40	-3.8	-1.3	-2.9	N/A
Ryznar Index	9.8	8.7	14.0	9.9	12.5	N/A
Colour (mg/l as Pt)	4	3	3	2	4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-9.0	-5.7	-17.9	-12.0	-11.9	N/A
Total Alkalinity (mg/l as CaCO ₃)	43.3	83.1	8.0	52	12.9	N/A
Total Hardness (mg/l as CaCO ₃)	143	226	12.2	98.3	21.9	N/A
Calcium (mg/l as Ca)	21.7	33.7	2.1	15.2	3.8	N/A
Magnesium (mg/l as Mg)	21.6	34.6	1.7	14.7	3.0	N/A
Aluminium (ug/l asAl)	226	368	68	1111	417	≤ 300 Operational
Iron (ug/l asFe)	16	<10	<10	194	50	≤ 300 Aesthetic ≤

						2000 Chronic Health
Free Chlorine (mg/l)	0.64	0.80	0.05	0.93	0.64	≤ 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 ₃)	54.2	84.2	5.3	38.1	9.5	N/A
Magnesium Hardness (mg/l as CaCO ₃)	88.4	142	6.9	60.2	12.5	N/A