

ANALYSES	ASHTON Sample no.: 7429 Date Sample: 2015/04/07 Date Analysed: 2015/04/07	BONNIEVALE Sample no.: 7418 Date Sample: 2015/04/07 Date Analysed: 2015/04/07	McGREGOR Sample no.: 7413 Date Sample: 2015/04/07 Date Analysed: 2015/04/07	MONTAGU Sample no.: 7423 Date Sample: 2015/04/07 Date Analysed: 2015/04/07	ROBERTSON Sample no.: 7407 Date Sample: 2015/04/07 Date Analysed: 2015/04/07	SANS 241-1 2011
pH (at 25°C)	7.00	6.72	5.86	7.12	6.03	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	57.0	66.0	10.5	63.0	9.0	≤ 170 Aesthetic
Turbidity (NTU)	0.14	0.37	0.46	0.77	0.36	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.8	-1.9	-4.2	-1.5	-3.7	N/A
Colour (mg/l as Pt)	<4	<4	<4	6	<4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-21.5	-42.4	-69.5	-18.0	-68.2	N/A
Total Alkalinity (mg/l as CaCO ₃)	46.5	53.0	<11.0	53.0	16.1	N/A
Total Hardness (mg/l as CaCO ₃)	76.0	93.1	12.1	82.9	14.3	N/A
Calcium (mg/l as Ca)	11.2	34.5	2.2	12.5	7.8	N/A
Magnesium (mg/l as Mg)	48.0	58.6	6.6	51.7	6.6	N/A
Aluminium (ug/l asAl)	32.0	600	271	53.0	164	≤ 300 Operational
Iron (ug/l asFe)	<24	<24	<24	<24	<24	≤ 300 Aesthetic ≤ 2000 Chronic Health
Free Chlorine	1.4	1.0	0.09	1.4	1.5	≤ 5.0 Chronic

(mg/l)						Health
E.coli (count per 100ml)	<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)	28.0	34.5	5.5	31.3	7.8	N/A
Magnesium Hardness (mg/l as CaCO3)	48.0	58.6	6.6	51.7	6.6	N/A