

ANALYSES	ASHTON Sample no.: 2422 Date Sample: 2015/07/02 Date Analysed: 2015/07/03	BONNIEVALE Sample no.: 2429 Date Sample: 2015/07/02 Date Analysed: 2015/07/03	McGREGOR Sample no.: 2534 Date Sample: 2015/07/02 Date Analysed: 2015/07/03	MONTAGU Sample no.: 2425 Date Sample: 2015/07/02 Date Analysed: 2015/07/03	ROBERTSON Sample no.: 2426 Date Sample: 2015/07/02 Date Analysed: 2015/07/03	SANS 241-1 2011
pH (at 25°C)	6.87	6.63	6.07	6.62	6.57	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	71.0	54.0	10.5	43.0	32.5	≤ 170 Aesthetic
Turbidity (NTU)	1.6	1.4	0.70	0.61	1.2	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-1.7	-2.1	-4.0	-2.3	-2.5	N/A
Ryznar Index	-6.9	-6.6	141	-6.6	-6.6	N/A
Colour (mg/l as Pt)	<4	<4	<4	<4	<4	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-28.0	-36.8	-41.1	-30.7	-36.9	N/A
Total Alkalinity (mg/l as CaCO ₃)	48.0	36.0	10.0	28.0	30.0	N/A
Total Hardness (mg/l as CaCO ₃)	113	92.9	14.0	81.7	50.5	N/A
Calcium (mg/l as Ca)	16.4	14.7	2.3	12.0	7.4	N/A
Magnesium (mg/l as Mg)	17.6	13.7	2.0	12.6	7.8	N/A
Aluminium (ug/l asAl)	<12	<12	<12	<12	<12	≤ 300 Operational
Iron (ug/l asFe)	<24	<24	180	90	100	≤ 300 Aesthetic ≤ 2000 Chronic Health

Free Chlorine (mg/l)	1.2	0.18	0.24	0.88	0.81	≤ 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)	41.0	36.8	5.8	30.0	18.5	N/A
Magnesium Hardness (mg/l as CaCO3)	72.2	56.2	8.2	51.7	32.0	N/A