

ANALYSES	ASHTON Sample no.: 22708 Date Sample: 2015/11/05 Date Analysed: 2015/11/06	BONNIEVALE Sample no.: 22692 Date Sample: 2015/11/05 Date Analysed: 2015/11/06	McGREGOR Sample no.: 22685 Date Sample: 2015/11/05 Date Analysed: 2015/11/06	MONTAGU Sample no.: 22698 Date Sample: 2015/11/05 Date Analysed: 2015/11/06	ROBERTSON Sample no.: 22675 Date Sample: 2015/11/05 Date Analysed: 2015/11/06	SANS 241-1 2011
pH (at 25°C)	7.60	7.58	6.34	7.28	7.25	≥ 5 - ≤ 9.7 Operational
Conductivity (mS/m) (at 25°C)	105	112	10.0	105	33.0	≤ 170 Aesthetic
Turbidity (NTU)	0.54	0.49	2.5	26.8	1.0	≤ 5 Aesthetic ≤ 1 Operational
Langelier Saturation Index (at 25°C)	-0.58	-0.55	-3.0	-0.64	-1.7	N/A
Ryznar Index	8.8	8.7	12.4	8.6	10.7	N/A
Colour (mg/l as Pt)	7	5	4	8	5	≤ 15 Aesthetic
CaCO ₃ Precipitation Potential (mg/l)	-6.7	-7.4	-24.9	-14.5	-7.4	N/A
Total Alkalinity (mg/l as CaCO ₃)	71.1	80.2	<11.0	87.7	20.8	N/A
Total Hardness (mg/l as CaCO ₃)	187	192	33.8	215	70.8	N/A
Calcium (mg/l as Ca)	29.1	29.4	10.4	43.0	15.2	N/A
Magnesium (mg/l as Mg)	27.9	29.0	1.9	26.2	8.0	N/A
Aluminium (ug/l asAl)	111	328	400	682	260	≤ 300 Operational
Iron (ug/l asFe)	31	27	29	64	27	≤ 300 Aesthetic ≤ 2000 Chronic

						<0.05Health
Free Chlorine (mg/l)	<0.05	0.26	0.26	2.7	0.59	≤ 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)	72.8	73.5	26.0	108	38.0	N/A
Magnesium Hardness (mg/l as CaCO ₃)	114	119	7.8	107	32.8	N/A
Heterotrophic Plate Count (count per ml)	483	990	<1	<1	<1	≤ 1000 Operational