

ANALYSES	ASHTON Sample no.: 22346 Date Sample: 11/12/2013 Date Analysed: 11/12/2013	BONNIEVALE Sample no.: 22354 Date Sample: 11/12/2013 Date Analysed: 11/12/2013	McGREGOR Sample no.: 22349 Date Sample: 11/12/2013 Date Analysed: 11/12/2013	MONTAGU Sample no.: 22358 Date Sample: 11/12/2013 Date Analysed: 11/12/2013	ROBERTSON Sample no.: 22344 Date Sample: 11/12/2013 Date Analysed: 11/12/2013	SANS 241-1 2011
pHs (at 25°C)	8.89	8.67	10.71	9.42	10.06	
pH (at 25°C)	7.35	8.03	6.71	7.28	7.38	
Conductivity (mS/m) (at 25°C)	53.3	79.5	12.0	27.5	8.1	
Turbidity (NTU)	2.6	1.1	0.72	1.2	1.3	
Langelier Saturation Index (at 25°C)	-1.5	-0.57	-4.0	-2.1	-2.7	N/A
Ryznar Index	10.4	9.3	14.7	11.6	12.7	N/A
Colour (mg/l as Pt)	<1	<1	<1	<1	<1	
CaCO ₃ Precipitation Potential (mg/l)	-9.1	-3.1	-10.2	-8.1	-8.3	N/A
Total Alkalinity (mg/l as CaCO ₃)	34.4	42.7	2.4	17.4	9.5	N/A
Total Hardness (mg/l as CaCO ₃)	81.4	122	12.0	38.0	10.4	N/A
Calcium (mg/l as Ca)	12.5	18.3	2.1	6.4	2.2	N/A
Magnesium (mg/l as Mg)	12.3	18.5	1.6	5.4	1.2	N/A
Aluminium (ug/l asAl)	1098	795	223	388	240	
Iron (ug/l asFe)	66	31	24	19	52	
Free Chlorine (mg/l)	0.52	1.1	0.07	1.6	0.48	

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	
Calcium Hardness (mg/l as CaCO3)	31.1	45.9	5.4	16.0	5.6	N/A
Magnesium Hardness (mg/l as CaCO3)	50.2	75.7	6.7	22.0	4.8	N/A