

ANALYSES	ASHTON Sample no.: 4656 Date Sample: 6/3/2014 Date Analysed: 6/3/2014	BONNIEVALE Sample no.: 4646 Date Sample: 6/3/2014 Date Analysed: 6/3/2014	McGREGOR Sample no.: 4641 Date Sample: 6/3/2014 Date Analysed: 6/3/2014	MONTAGU Sample no.: 4650 Date Sample: 6/3/2014 Date Analysed: 6/3/2014	ROBERTSON Sample no.: 4636 Date Sample: 6/3/2014 Date Analysed: 6/3/2014	SANS 241-1 2011
pHs (at 25°C)	8.50	8.40	9.90	8.70	9.40	
pH (at 25°C)	7.43	7.73	6.66	7.38	6.76	
Conductivity (mS/m) (at 25°C)	87.7	87.2	12.0	62.1	18.0	
Turbidity (NTU)	4.3	0.99	1.2	4.3	1.8	
Langelier Saturation Index (at 25°C)	-1.0	-0.61	-3.3	-1.3	-2.7	N/A
Ryznar Index	9.6	9.1	13.1	10.0	12.0	N/A
Colour (mg/l as Pt)	18	19	13	16	13	
CaCO ₃ Precipitation Potential (mg/l)	-10.3	-5.6	-15.9	-10.4	-18.5	N/A
Total Alkalinity (mg/l as CaCO ₃)	60.0	68.0	12.0	48.0	20.0	N/A
Total Hardness (mg/l as CaCO ₃)	124	141	14.8	92.0	29.1	N/A
Calcium (mg/l as Ca)	18.5	21.0	2.7	14.1	5.3	N/A
Magnesium (mg/l as Mg)	19.0	21.5	1.9	13.8	3.9	N/A
Aluminium (ug/l asAl)	1332	176	164	181	16	
Iron (ug/l asFe)	88	<10	26	<10	<10	
Free Chlorine (mg/l)	0.40	0.09	0.06	1.0	0.74	

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)	46.3	52.5	6.9	35.2	13.2	N/A
Magnesium Hardness (mg/l as CaCO3)	77.9	88.2	7.9	56.8	15.9	N/A