

ANALYSES	ASHTON Sample no.: 375 Date Sample: 9/1/2014 Date Analysed: 9/1/2014	BONNIEVALE Sample no.: 365 Date Sample: 9/1/2014 Date Analysed: 9/1/2014	McGREGOR Sample no.: 360 Date Sample: 9/1/2014 Date Analysed: 9/1/2014	MONTAGU Sample no.: 369 Date Sample: 9/1/2014 Date Analysed: 9/1/2014	ROBERTSON Sample no.: 355 Date Sample: 9/1/2014 Date Analysed: 9/1/2014	SANS 241-1 2011
pHs (at 25°C)	9.03	8.51	10.66	9.62	10.14	
pH (at 25°C)	6.60	7.32	6.74	7.08	6.65	
Conductivity (mS/m) (at 25°C)	54.3	92.0	11.4	29.1	16.5	
Turbidity (NTU)	4.0	40.8	0.45	0.83	0.41	
Langelier Saturation Index (at 25°C)	-2.4	-1.1	-3.9	-2.5	-3.5	N/A
Ryznar Index	11.5	9.7	14.6	12.2	13.6	N/A
Colour (mg/l as Pt)	15	16	2	4	14	
CaCO ₃ Precipitation Potential (mg/l)	-39.2	-14.9	-11.3	-9.9	-12.4	N/A
Total Alkalinity (mg/l as CaCO ₃)	35.2	72.2	4.9	14.5	7.2	N/A
Total Hardness (mg/l as CaCO ₃)	56.9	96.4	8.2	30.4	16.6	N/A
Calcium (mg/l as Ca)	9.0	16.3	1.2	4.9	2.7	N/A
Magnesium (mg/l as Mg)	8.4	13.6	1.3	4.4	2.4	N/A
Aluminium (ug/l asAl)	251	50	39	216	45	
Iron (ug/l asFe)	89	<10	<10	<10	<10	
Free Chlorine (mg/l)	0.37	0.59	0.18	1.6	0.85	

E.coli (count per 100ml)	<1	<1	<1	<1	<1	Not Detected Acute Health -1
Total Coliform Bacteria (count per 100ml)	9	5	9	<1	<1	
Calcium Hardness (mg/l as CaCO3)	22.5	40.8	2.9	12.3	6.8	N/A
Magnesium Hardness (mg/l as CaCO3)	34.4	55.6	5.3	18.1	9.8	N/A