



ANALYSIS REPORT

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Client:	Tauranga City Council Laboratory	Lab No:	802020	SPV1
Contact:	D Hawkes C/- Tauranga City Council Laboratory Private Bag 12022 TAURANGA 3143	Date Registered:	18-Jun-2010	
		Date Reported:	01-Jul-2010	
		Quote No:	31415	
		Order No:		
		Client Reference:	Retic Water - Comprehensive	
		Submitted By:	R Cairns	

Sample Type: Aqueous

Sample Name:	100600355 Fergusson Park 17-Jun-2010	100600356 Gordon Spratt 17-Jun-2010			
Lab Number:	802020.1	802020.2			

Individual Tests

Phenolphthalein Alkalinity	g/m ³ as CaCO ₃	< 1.0	< 1.0	-	-	-
Total Alkalinity	g/m ³ as CaCO ₃	17.9	15.9	-	-	-
Total Hardness	g/m ³ as CaCO ₃	10.3	8.1	-	-	-
Boron	g/m ³	0.009	0.008	-	-	-
Calcium	g/m ³	3.0	2.3	-	-	-
Iron	g/m ³	< 0.02	< 0.02	-	-	-
Lithium	g/m ³	0.0033	0.0027	-	-	-
Magnesium	g/m ³	0.66	0.59	-	-	-
Manganese	g/m ³	0.0041	0.0007	-	-	-
Total Mercury	g/m ³	< 0.00008	< 0.00008	-	-	-
Potassium	g/m ³	2.8	2.1	-	-	-
Selenium	g/m ³	< 0.0010	< 0.0010	-	-	-
Sodium	g/m ³	10.3	10.6	-	-	-
Bromide	g/m ³	0.26	0.08	-	-	-
Total Cyanide	g/m ³	< 0.0010	< 0.0010	-	-	-
Chloride	g/m ³	8.8	10.6	-	-	-
Chlorate	g/m ³	0.023	0.055	-	-	-
Fluoride	g/m ³	< 0.05	< 0.05	-	-	-
Sulphate	g/m ³	4.3	1.7	-	-	-

Heavy metals Potable (As,Cd,Cr,Cu,Ni,Pb,Zn)

Arsenic	g/m ³	< 0.0010	< 0.0010	-	-	-
Cadmium	g/m ³	< 0.00005	< 0.00005	-	-	-
Chromium	g/m ³	< 0.0005	< 0.0005	-	-	-
Copper	g/m ³	< 0.0005	0.0049	-	-	-
Lead	g/m ³	< 0.00010	0.00015	-	-	-
Nickel	g/m ³	< 0.0005	< 0.0005	-	-	-
Zinc	g/m ³	0.0038	0.0039	-	-	-

Acid Herbicides Trace in Water by LCMSMS

Acifluorfen	g/m ³	< 0.00004	< 0.00004	-	-	-
Bentazone	g/m ³	< 0.00004	< 0.00004	-	-	-
Bromoxynil	g/m ³	< 0.00004	< 0.00004	-	-	-
Clopyralid	g/m ³	< 0.00006	< 0.00006	-	-	-
2,4-Dichlorophenoxyacetic acid (24D)	g/m ³	< 0.00004	< 0.00004	-	-	-
2,4-Dichlorophenoxybutyric acid (24DB)	g/m ³	< 0.00004	< 0.00004	-	-	-
Dicamba	g/m ³	< 0.00004	< 0.00004	-	-	-
Dichloroprop	g/m ³	< 0.00004	< 0.00004	-	-	-
Fluazifop	g/m ³	< 0.00004	< 0.00004	-	-	-



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The tests reported herein have been performed in accordance with the terms of accreditation, with the exception of tests marked *, which are not accredited.