

Groundwater Quality Well Readings within 1000m from 48 Murdochs Road, Ashburton

Groundwater Quality Well Readings within 1000m Buffer						
Well Number	Well depth (m)	Distance and direction from proposed land application system	Number of samples taken	Highest concentration of bacteria in all samples taken - cfu	Highest concentration of nitrate nitrogen in all samples taken NO ₃ -N	Years readings were taken
L37/1304		706m SW	1	Nil	8.8 mg/L	2004
L37/0930	14.2	689m SW	1	30 cfu/100ml	14.4 mg/L	2000
L37/1310	22	971m NW	1	Nil	6.1 mg/L	2004
L37/1354		974m SW	1	Nil	9.6 mg/L	2004
L37/0928		972m SW	3	<2 cfu/100ml	15.1 mg/L	Aug to Oct 2000
L37/1330		297m NW	2	Nil	4.9 mg/L	Aug to Oct 2000
L37/0611	21	703m	3	<1 cfu/100ml	18 mg/L	2000 to 2004
L37/1351		589m NW	1	Nil	9.8 mg/L	2004
L37/1350		966m NW	2	Nil	6.5 mg/L	2004
L37/1333		757m NE	1	Nil	6.5 mg/L	2004
L37/0916	20	898m SW	19	2 cfu/100ml	9.9 mg/L	2001 to 2003
L37/1292	24	1000m NW	1	Nil	7.4 mg/L	2004
L37/1300		619m NW	1	Nil	6.3 mg/L	2004
L37/1332 Not On Mapveiwer	40	239m SE	2	Nil	5.9 mg/L	Apr 2004
L37/0713		1010m NW	2	Nil	6.6 mg/L	Apr 2004
L37/0945	12	882m SW	20	2 cfu/100ml	15.7 mg/L	2002 to 2005
L37/1338	18	107m NW	1	Nil	7.1 mg/L	2004
L37/0942		759m SW	1	1 cfu/100ml	12 mg/L	2000
L37/1291		571m NW	1	Nil	5.6 mg/L	2004
L37/0944	10.3	902m SW	2	<1 cfu/100ml	14.4 mg/L	2000 to 2004
L37/1317		215m SE	1	<1 cfu/100ml	14.4 mg/L	2004

L37/1316	20	301m SE	1	Nil	5.6 mg/L	2004
L37/1319	29	410m NW	1	Nil	4.7 mg/L	2004
L37/1298		281m NW	1	Nil	4.8 mg/L	2004
L37/1312		860m SW	1	Nil	9.2 mg/L	2004
L37/0444	17.7	906m SW	5	<2 cfu/100ml	18.4 mg/L	1983 to 2000
L37/0933	20	522m SW	1	<1 cfu/100ml	9.4 mg/L	2000
L37/0687	21	372m NW	2	<1 cfu/100ml	5.7 mg/L	2000 to 2004
L37/0946	18.8	808m SW	20	1 cfu/100ml	16.6 mg/L	2002 to 2005
L37/1090	33.17	52m NE	2	<1 cfu/100ml	16.6 mg/L	2004
L37/1049	36	705m NW	1	Nil	5.5 mg/L	2004
L37/0719	23.5	601m SW	1	Nil	6.1 mg/L	2004
L37/0724	21	391m SW	1	<1 cfu/100ml	9.1 mg/L	2000
L37/0862	34.5	566m SW	1	Nil	5.5 mg/L	2000
L37/1050	29	456m W	1	Nil	5.4 mg/L	2004
L37/0135	29.5	961m NE	1	<1 cfu/100ml	8.7 mg/L	2000
L37/1044	24	452m NW	1	Nil	4.9 mg/L	2004
L37/1206	11.5	898m W	15	9 cfu/100ml	19.3 mg/L	2004 to 2007
L37/0762	21.5	531m SW	1	cfu/100ml	6.6 mg/L	2004
L37/0880	24	597m SW	13	<1 cfu/100ml	7 mg/L	2000 to 2002
L37/0892	27.64	948m NW	1	Nil	5.6 mg/L	2004
L37/0712	18	574m NW	1	<1 cfu/100ml	7 mg/L	2000
L37/1202	36	278m SE	1	Nil	4.3 mg/L	2004
L37/0652	23	947m NW	1	3 cfu/100ml	12 mg/L	2004
L37/0002	37.6	902m NE	1	Nil	5.3 mg/L	2004
L37/0672	22	685m SE	12	<1 cfu/100ml	10.4 mg/L	2000 to 2004
L37/0748	21.5	348m SE	1	Nil	5.5 mg/L	2004

L37/0915 Meat Processing	9.3	997m NE	56	7300 cfu/100ml	89 mg/L	2002 to 2005
L37/0985	53	696m SW	1	Nil	4.8 mg/L	2004
L37/0934	18	666m SW	7	9 cfu/100ml	11.9 mg/L	2000 to 2002
L37/0943	12.3	739m SW	13	<1 cfu/100ml	9.3 mg/L	2000 to 2006
L37/0920	20	468m NW	1	3 cfu/100ml	2.7 mg/L	1995
L37/0838	23	667m NW	1	<1 cfu/100ml	6.1 mg/L	2000
L37/0876	24	733m SW	27	<1 cfu/100ml	13.9 mg/L	2014 to 2020
L37/0955	21.9	211m SE	1	<1 cfu/100ml	16.6 mg/L	2000
L37/1414	11.6	842m NW	7	Nil	15.4 mg/L	2005 to 2007
L37/0910	34.5	975m NW	1	Nil	5.5 mg/L	2004
L37/0408	24	953m SE	11	<1 cfu/100ml	6.8 mg/L	2000 to 2002
L37/0600	24	50m SW	2	<1 cfu/100ml	6.1 mg/L	2000 to 2004
L37/0671	21.3	368m SW	2	<1 cfu/100ml	5.6 mg/L	2000 to 2004
L37/0873	23	437m SW	1	1 cfu/100ml	7 mg/L	2000
L37/0745	24	973m SW	1	4 cfu/100ml	11.7 mg/L	2000
L37/0380	22	919m NW	1	Nil	4.7 mg/L	2004
L37/0932	11	783m SW	65	<1 cfu/100ml	15.8 mg/L	2013 to 2020
L37/1453	36	755m SW	12	Nil	8.7 mg/L	2013 to 2020
L37/0964	32.7	803m SW	59	Nil	14.5 mg/L	2013 to 2020
L37/0918	14.2	759m SW	86	<9 cfu/100ml	26 mg/L	2010 to 2019
L37/1347		937m SW	1	Nil	6.3 mg/L	2004
L37/1318	21	138m SE	1	nil	5.1 mg/L	2004
L37/0931	20	957m SW	10	<1 cfu/100ml	9.8 mg/L	2000 to 2002
L37/1336	17	659m SW	2	3 cfu/100ml	9.8 mg/L	2000 to 2002

