

Table 5.3.1 Historical Comparison of Test Results for Points for Groundwater Wells JBS Score:

Point 12.2										Point 12.3								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Above Tyronne Holding Pond										Below Tyronne Holding Pond										
Analyte	Units	18/3/13	11/6/13	11/9/13	3/12/13	4/3/14	19/6/14	11/09/14	2/12/14	18/3/13	11/6/13	11/9/13	3/12/13	4/3/14	19/6/14	11/09/14	2/12/14			
Calcium	mg/L	NT	NT	NT	260	NT	NT	NT	560	NT	NT	NT	390	NT	NT	NT	350	Na	<1000	Na
Conductivity	µS/cm	4500	3830	4450	4300	5230	4590	4430	4600	6400	5590	5680	5400	5880	5060	4910	4700	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	170	NT	NT	NT	190	NT	NT	NT	240	NT	NT	NT	220	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	5.0	NT	NT	NT	5.4	NT	NT	NT	3.4	NT	NT	NT	2.7	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	6.2	NT	NT	NT	5.4	NT	NT	NT	4.2	NT	NT	NT	2.7	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.10	NT	NT	NT	0.05	NT	NT	NT	0.04	NT	NT	NT	0.02	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	0.1	NT	NT	NT	0.1	NT	NT	NT	0.08	NT	NT	NT	<0.05	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	520	NT	NT	NT	560	NT	NT	NT	530	NT	NT	NT	480	Na	<240-460	<180
pH Value	pH Units	7.5	7.1	7.1	7.1	6.8	6.8	6.6	6.8	7.6	7.2	6.7	7.0	6.7	7.2	6.8	6.7	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	11.1	11.0	10.8	11.2	11.6	11.4	11.1	11.5	1.2	1.2	1.0	1.2	1.6	1.4	1.2	1.7	Na	Na	Na

Point 12.2										Point 12.3								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Above Tyrone Holding Pond										Below Tyrone Holding Pond										
Analyte	Units	11/3/15	25/6/15	23/09/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16	11/3/15	25/6/15	23/09/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16			
Calcium	mg/L	NT	NT	230	NT	NS	NT	NT	290	NT	NT	280	NT	NS	NT	NT	260	Na	<1000	Na
Conductivity	µS/cm	4350	4420	4000	4200	NS	4780	4680	5080	4470	4600	4300	4040	NS	4290	4230	4090	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	150	NT	NS	NT	NT	190	NT	NT	180	NT	NS	NT	NT	170	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	3.7	NT	NS	NT	NT	4.4	NT	NT	2.3	NT	NS	NT	NT	1.5	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	4.8	NT	NS	NT	NT	5.0	NT	NT	2.6	NT	NS	NT	NT	2.0	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	0.088	NT	NS	NT	NT	0.24	NT	NT	0.05	NT	NS	NT	NT	0.18	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	0.2	NT	NS	NT	NT	0.08	NT	NT	0.1	NT	NS	NT	NT	<0.05	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	480	NT	NS	NT	NT	560	NT	NT	450	NT	NS	NT	NT	420	Na	<240-460	<180
pH Value	pH Units	7.1	6.7	7.1	6.7	NS	7.1	7.1	7.4	7.0	7.0	7.0	6.7	NS	7.3	6.9	7.5	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	11.3	11.7	10.6	11.9	NS	11.7	11.6	11.0	1.86	1.80	0.97	1.10	NS	1.00	1.10	1.45	Na	Na	Na

Note: March 2016 samples were not collected.

Point 12.2										Point 12.3								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Above Tyronne Holding Pond										Below Tyronne Holding Pond										
Analyte	Units	29/03/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18	29/03/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18			
Calcium	mg/L	NT	NT	NT	270	NT	NT	NT	250	NT	NT	NT	230	NT	NT	NT	220	Na	<1000	Na
Conductivity	µS/cm	4850	4650	4880	4800	4630	4160	3450	2300	3830	3680	3870	3700	3600	3230	2720	1800	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	180	NT	NT	NT	170	NT	NT	NT	150	NT	NT	NT	140	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	5.0	NT	NT	NT	5	NT	NT	NT	1.2	NT	NT	NT	0.99	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	5.6	NT	NT	NT	5.7	NT	NT	NT	1.4	NT	NT	NT	1.1	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.081	NT	NT	NT	0.089	NT	NT	NT	0.042	NT	NT	NT	0.067	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	0.09	NT	NT	NT	0.06	NT	NT	NT	<0.05	NT	NT	NT	<0.05	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	540	NT	NT	NT	470	NT	NT	NT	390	NT	NT	NT	340	Na	<240-460	<180
pH Value	pH Units	6.9	6.9	7.0	7.2	7.1	7.0	7.1	7.3	6.9	7.4	7.0	7.2	7.1	7.1	7.1	7.2	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	11.4	11.6	12.0	12.5	13.1	13.5	13.9	14.4	1.97	1.40	1.78	2.29	2.80	3.19	3.21	3.41	Na	Na	Na

Point 12.2										Point 12.3								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Above Tyrone Holding Pond										Below Tyrone Holding Pond										
Analyte	Units	14/04/19	25/07/19	31/10/19	31/12/19					14/04/19	25/07/19	31/10/19	31/12/19							
Calcium	mg/L	NT	NT	NT	220					NT	NT	NT	230					Na	<1000	Na
Conductivity	µS/cm	4140	3480	3680	3940					3210	2740	2690	2710					200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	140					NT	NT	NT	140					Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	3.8					NT	NT	NT	1.1					0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	4.9					NT	NT	NT	2.2					0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.082					NT	NT	NT	0.069					<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	0.3					NT	NT	NT	<0.05					<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	460					NT	NT	NT	360					Na	<240-460	<180
pH Value	pH Units	6.9	7.3	7.0	7.1					7.2	7.4	7.8	7.2					6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	14.4	13.7	14.0	14.7					4.11	3.78	3.94	4.07					Na	Na	Na

Point 13										Point 16								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Martin's										Below Dick's										
Analyte	Units	18/3/13	11/6/13	11/9/13	3/12/13	4/3/2014	19/6/14	11/09/14	2/12/14	18/3/13	11/6/13	11/9/13	3/12/13	4/3/2014	19/6/14	11/09/14	2/12/14			
Calcium	mg/L	NT	NT	NT	5.8	NT	NT	NT	12	NT	NT	NT	130	NT	NT	NT	140	Na	<1000	Na
Conductivity	µS/cm	1400	1070	1150	1100	1210	1130	1060	1100	3900	4020	4280	4100	4720	4280	4260	4300	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	55	NT	NT	NT	62	NT	NT	NT	120	NT	NT	NT	160	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	<0.005	NT	NT	NT	0.007	NT	NT	NT	2.2	NT	NT	NT	1.6	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	2.3	NT	NT	NT	2.7	NT	NT	NT	3.0	NT	NT	NT	1.6	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	<0.005	NT	NT	NT	<0.005	NT	NT	NT	0.15	NT	NT	NT	0.31	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	<0.05	NT	NT	NT	<0.05	NT	NT	NT	0.2	NT	NT	NT	0.40	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	170	NT	NT	NT	160	NT	NT	NT	680	NT	NT	NT	680	Na	<240-460	<180
pH Value	pH Units	8.8	8.9	9.0	8.8	8.7	8.6	8.6	8.3	8.0	7.8	8.0	7.8	7.5	7.5	7.0	7.6	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	3.3	3.2	3.2	3.3	3.6	3.4	3.4	3.9	5.3	5.3	4.5	5.2	5.5	5.3	5.3	5.5	Na	Na	Na

Point 13										Point 16								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Martin's										Below Dick's										
Analyte	Units	11/3/15	25/6/15	23/09/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16	11/3/15	25/6/15	23/9/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16			
Calcium	mg/L	NT	NT	14	NT	NS	NT	NT	30	NT	NT	140	NT	NS	NT	NT	140	Na	<1000	Na
Conductivity	µS/cm	1080	1100	1200	1150	NS	1370	1480	1680	4360	4510	4500	4340	NS	4650	4770	4720	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	56	NT	NS	NT	NT	72	NT	NT	160	NT	NS	NT	NT	180	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	0.01	NT	NS	NT	NT	<0.005	NT	NT	0.82	NT	NS	NT	NT	0.86	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	2.4	NT	NS	NT	NT	14	NT	NT	1.0	NT	NS	NT	NT	1.2	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	<0.005	NT	NS	NT	NT	<0.005	NT	NT	0.080	NT	NS	NT	NT	0.10	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	<0.05	NT	NS	NT	NT	<0.05	NT	NT	0.2	NT	NS	NT	NT	<0.05	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	170	NT	NS	NT	NT	190	NT	NT	680	NT	NS	NT	NT	680	Na	<240-460	<180
pH Value	pH Units	8.3	8.6	8.4	8.2	NS	8.2	8.2	8.2	7.4	7.0	7.7	7.4	NS	7.5	7.5	8.0	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	3.95	3.91	3.16	3.24	NS	3.21	3.16	2.73	5.56	5.52	5.30	5.38	NS	5.48	5.14	4.79	Na	Na	Na

Note: March 2016 samples were not collected.

Point 13										Point 16								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Martin's										Below Dick's										
Analyte	Units	29/03/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18	29/03/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18			
Calcium	mg/L	NT	NT	NT	42	NT	NT	NT	65	NT	NT	NT	140	NT	NT	NT	120	Na	<1000	Na
Conductivity	µS/cm	1670	1680	1920	2000	2030	1950	1720	1400	4580	4430	4800	4700	4670	4350	3730	2300	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	80	NT	NT	NT	95	NT	NT	NT	170	NT	NT	NT	180	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	1.0	NT	NT	NT	0.02	NT	NT	NT	1.0	NT	NT	NT	1.5	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	9.1	NT	NT	NT	6.2	NT	NT	NT	0.9	NT	NT	NT	1.5	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	<0.005	NT	NT	NT	<0.005	NT	NT	NT	0.038	NT	NT	NT	0.15	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	<0.05	NT	NT	NT	<0.05	NT	NT	NT	<0.05	NT	NT	NT	<0.05	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	210	NT	NT	NT	220	NT	NT	NT	670	NT	NT	NT	620	Na	<240-460	<180
pH Value	pH Units	7.8	7.9	8.2	8.0	7.3	7.2	7.2	7.3	7.5	7.4	7.8	8.1	7.6	7.4	7.4	8.0	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	3.07	2.93	3.12	3.30	3.75	4.03	4.08	4.20	4.81	4.77	5.08	5.40	5.80	6.22	6.82	6.62	Na	Na	Na

Point 13										Point 16								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Martin's										Below Dick's										
Analyte	Units	14/04/19	25/07/19	31/10/19	31/12/19					14/04/19	25/07/19	31/10/19	31/12/19							
Calcium	mg/L	NT	NT	NT	43					NT	NT	NT	120					Na	<1000	Na
Conductivity	µS/cm	2310	1920	2180	2110					4380	3740	3880	3900					200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	81					NT	NT	NT	110					Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	1.2					NT	NT	NT	1.8					0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	8.9					NT	NT	NT	2.9					0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	<0.005					NT	NT	NT	0.12					<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	<0.05					NT	NT	NT	0.2					<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	220					NT	NT	NT	650					Na	<240-460	<180
pH Value	pH Units	7.6	7.1	7.3	7.6					7.8	7.3	7.8	8.0					6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	3.84	4.38	4.47	4.95					7.4	7.2	7.5	7.8					Na	Na	Na

Point 23										Point 26								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Tyrone A										Below Tyrone C										
Analyte	Units	18/3/13	11/6/13	11/9/13	3/12/13	4/3/14	19/6/14	11/09/14	2/12/14	18/3/13	11/6/13	11/9/13	3/12/13	4/3/14	19/6/14	11/09/14	2/12/14			
Calcium	mg/L	NT	NT	NT	290	NT	NT	NT	280	NT	NT	NT	130	NT	NT	NT	140	Na	<1000	Na
Conductivity	µS/cm	13000	11200	12000	11000	12800	11700	11300	12000	6700	6270	6580	6400	6990	6210	6170	6100	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	460	NT	NT	NT	540	NT	NT	NT	200	NT	NT	NT	230	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	14.0	NT	NT	NT	13	NT	NT	NT	0.59	NT	NT	NT	4.5	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	16	NT	NT	NT	13	NT	NT	NT	1.6	NT	NT	NT	6.9	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.08	NT	NT	NT	0.06	NT	NT	NT	0.08	NT	NT	NT	0.40	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	0.1	NT	NT	NT	0.1	NT	NT	NT	0.2	NT	NT	NT	0.60	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	2000	NT	NT	NT	1900	NT	NT	NT	1200	NT	NT	NT	1100	Na	<240-460	<180
pH Value	pH Units	7.1	6.9	7.3	7.9	7.3	7.3	7.1	7.4	6.6	6.9	7.2	7.4	7.2	7.1	6.9	7.1	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	5.8	5.4	5.8	5.1	5.3	5.1	5.2	5.8	19.4	19.7	19.1	19.2	19.2	19.0	18.8	18.6	Na	Na	Na

Point 23										Point 26								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Tyrone A										Below Tyrone C										
Analyte	Units	11/3/15	25/6/15	23/09/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16	11/3/15	25/6/15	23/09/15	21/12/15	3/16	20/6/16	7/9/16	14/12/16			
Calcium	mg/L	NT	NT	260	NT	NS	NT	NT	270	NT	NT	120	NT	NS	NT	NT	110	Na	<1000	Na
Conductivity	µS/cm	11500	12300	13000	11500	NS	12000	12200	12100	5330	6410	6800	6010	NS	6460	6590	6220	200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	520	NT	NS	NT	NT	530	NT	NT	210	NT	NS	NT	NT	200	Na	<1000	Na
Nitrate as N	mg/L	NT	NT	12	NT	NS	NT	NT	9.8	NT	NT	0.47	NT	NS	NT	NT	0.99	0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	12	NT	NS	NT	NT	10.0	NT	NT	2.9	NT	NS	NT	NT	3.2	0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	0.068	NT	NS	NT	NT	0.18	NT	NT	0.49	NT	NS	NT	NT	0.39	<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	0.1	NT	NS	NT	NT	0.07	NT	NT	0.7	NT	NS	NT	NT	0.40	<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	2000	NT	NS	NT	NT	2000	NT	NT	1200	NT	NS	NT	NT	1100	Na	<240-460	<180
pH Value	pH Units	7.4	6.9	7.7	7.3	NS	7.1	7.1	7.8	7.4	7.0	7.3	6.9	NS	7.5	7.1	7.6	6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	5.17	5.10	5.07	5.09	NS	5.05	4.92	4.86	18.7	18.6	18.6	18.5	NS	18.4	18.2	18.5	Na	Na	Na

Note: March 2016 samples were not collected.

Point 23										Point 26								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Tyrone A										Below Tyrone C										
Analyte	Units	29/3/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18	29/3/17	21/6/17	28/9/17	14/12/17	26/3/18	25/6/18	26/9/18	20/12/18			
Calcium	mg/L	NT	NT	NT	260	NT	NT	NT	270	NT	NT	NT	140	NT	NT	NT	140	Na	<100 0	Na
Conductivity	µS/cm	11900	11500	12300	12000	11800	10800	8820	10000	5555	6820	7410	7600	7430	7040	5870	3600	200- 300	1300 - 2900	<80 0
Magnesium	mg/L	NT	NT	NT	510	NT	NT	NT	490	NT	NT	NT	260	NT	NT	NT	260	Na	<100 0	Na
Nitrate as N	mg/L	NT	NT	NT	8.5	NT	NT	NT	5.3	NT	NT	NT	<0.005	NT	NT	NT	1.7	0.7-17	<5- 125	<11- 45
Nitrogen (total)	mg/L N	NT	NT	NT	8.8	NT	NT	NT	6.2	NT	NT	NT	10	NT	NT	NT	1.9	0.7-17	<5- 125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.028	NT	NT	NT	0.055	NT	NT	NT	0.56	NT	NT	NT	0.22	<0.01	0.8- 12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	<0.05	NT	NT	NT	<0.05	NT	NT	NT	0.8	NT	NT	NT	0.2	<0.01	0.8- 12.0	Na
Sodium	mg/L	NT	NT	NT	1700	NT	NT	NT	1600	NT	NT	NT	1200	NT	NT	NT	1200	Na	<240 -460	<18 0
pH Value	pH Units	7.3	7.0	7.5	7.8	7.0	7.0	7.1	7.2	7.2	7.0	7.6	7.5	7.3	7.2	7.1	7.3	6.0-8.0	6.0- 8.5	6.5- 8.5
Static Water Level	M	4.93	5.20	5.12	5.09	5.24	5.50	5.64	5.58	18.5	18.6	18.6	18.7	18.8	19.0	18.8	18.8	Na	Na	Na

Point 23										Point 26								Aquatic Ecosystems Guidelines	Irrigation Guidelines	Drinking Guidelines
Below Tyrone A										Below Tyrone C										
Analyte	Units	14/4/19	25/07/19	31/10/19	31/12/19					14/4/19	25/07/19	31/10/19	31/12/19							
Calcium	mg/L	NT	NT	NT	240					NT	NT	NT	140					Na	<1000	Na
Conductivity	µS/cm	10200	8570	8920	8830					6950	5880	6060	6120					200-300	1300-2900	<800
Magnesium	mg/L	NT	NT	NT	470					NT	NT	NT	240					Na	<1000	Na
Nitrate as N	mg/L	NT	NT	NT	5.0					NT	NT	NT	4.8					0.7-17	<5-125	<11-45
Nitrogen (total)	mg/L N	NT	NT	NT	6.0					NT	NT	NT	5.9					0.7-17	<5-125	Na
Reactive Phosphorus	mg/L	NT	NT	NT	0.040					NT	NT	NT	0.30					<0.01	0.8-12.0	Na
Phosphorus (total)	mg/L P	NT	NT	NT	<0.05					NT	NT	NT	0.50					<0.01	0.8-12.0	Na
Sodium	mg/L	NT	NT	NT	1500					NT	NT	NT	1100					Na	<240-460	<180
pH Value	pH Units	7.0	7.5	7.7	7.4					7.2	7.2	7.9	7.4					6.0-8.0	6.0-8.5	6.5-8.5
Static Water Level	M	5.86	5.82	6.92	6.70					18.9	18.9	19.9	19.8					Na	Na	Na

Guidelines: Depending on the beneficial reuse of the groundwater supplies whether it is irrigation, drinking, stock or environmental flows for aquatic ecosystems. For this particular site the irrigation guidelines will be referred to as the most likely reuse option. The highlighted figures are the most recent set of results.

1. ANZECC (2000) Australian & New Zealand Guidelines for Fresh & Marine Waters for Aquatic Ecosystems (95% - 80% protection) for upland and low land rivers.
2. ANZECC (2000) Australian & New Zealand Guidelines for Fresh & Marine Waters for Primary Industries. DECCW (2004) Environmental Guidelines: Use of Effluent by Irrigation.
3. ANZECC (2007) Australian & New Zealand Guidelines for Drinking Water.

NS ~ Sample was not be collected by East West

NT ~ Testing not required

Na ~ Not applicable