

**Jennings Retic - JR Cladstone**  
Obtained data by sample date - Monthly Monitoring

Month	pH	Electrical Conductivity	TDS	Turbidity (NTU)	Aluminium mg/L	Iron mg/L	Manganese mg/L	Colour	Fluoride - ISE mg/L	Total Coliforms	E.coli	Sample no	Date Sampled	Date Reported
January 2024	7.6	140	92	0.12	0.036	<0.0050	<0.00050	1	<0.2	NT	NT	WN240089	17/01/2024	30/01/2024
December 2023	7.4	140	93	0.24	0.016	0.0052	<0.00050	<1.0	<0.2	NT	NT	WN232704	7/12/2023	15/12/2023
December 2023	7.5	140	95	0.071	0.016	0.005	0.0005	<1.0	<0.2	<1	<1	WN232785	14/12/2023	22/12/2023
November 2023	7.4	140	92	0.098	0.015	<0.0050	<0.00050	<1.0	<0.2	<1	<1	WN232536	22/11/2023	4/12/2023
October 2023	7.6	130	88	0.096	0.019	<0.005	<0.0005	<1	<0.2	<1	<1	WN232036	11/10/2023	18/10/2023
September 2023	7.7	130	88	0.14	0.015	<0.005	<0.0005	<1	<0.2	<1	<1	WN231881	21/09/2023	5/10/2023
August 2023	7.7	130	88	0.11	0.024	0.0065	0.0025	<1	<0.2	<1	<1	WN231627	23/08/2023	31/08/2023
July 2023	7.8	130	86	0.11	0.013	0.0052	<0.0005	<1	<0.2	<1	<1	WN231311	12/07/2023	20/07/2023
June 2023	7.4	130	89	0.08	0.0095	<0.005	<0.0005	<1	<0.2	<1	<1	WN231158	21/06/2023	30/06/2023
May 2023	7.6	130	90	0.12	0.0055	0.005	0.0005	<1	<0.2	<1	<1	WN230928	17/5/23	25/05/2023
April 2023	7.5	150	98	<0.07	0.011	0.005	0.0005	<1	<0.2	<1	<1	WN230712	19/04/2023	1/05/2023
March 2023	7.7	150	99	0.15	0.051	<0.005	<0.0005	<1	<0.2	<1	<1	WN230470	15/03/2023	22/03/2023
February 2023	7.6	150	98	<0.07	0.032	<0.005	0.0005	<1	<0.2	<1	<1	WN230263	15/02/2023	22/02/2023
January 2023	7.8	150	99	0.1	0.0044	<0.005	0.0005	<1	<0.20	<1	<1	WN230118 & WN230167	27/01/2023	3/02/2023
December 2022	7.9	150	99	0.07	0.02	0.0016	0.000052	<1	<0.20	<1	<1	WN222468	14/12/2022	22/12/2022
November 2022	10	150	100	0.58	0.019	0.0074	0.00022	<1		<1	<1	WN222258	25/11/2022	7/12/2022
October 2022	8	160	100	0.18	<0.050	<0.0030	<0.0010	<1		<1	<1	WN221962	19/10/2022	28/10/2022
September 2022	7.8	150	100	0.11	0.028	0.008	0.0006	<1		<1	<1	22/1153	20/09/2022	4/10/2022
August 2022	7.8	160	110	0.4	0.16	0.15	0.15	<1	<0.20	<1	<1	33/1023	17/08/2022	26/08/2022
July 2022	7.8	180	120	0.21	0.013	0.005	<0.005	1	<0.20	<1	<1	22/0891	21/07/2022	1/08/2022
June 2022	7.6	140	96	0.22	0.027	0.006	<0.0005	<1	<0.20	<1	<1	22/0753	15/06/2022	29/06/2022
May 2022	7.6	160	100	0.2	0.073	<0.005	0.0007	2		<1	<1	22/0646	15/05/2022	15/06/2022
April 2022	7.2	160	100	0.21	0.014	0.007	<0.0005	3	<0.20	<1	<1	22/0546	27/04/2022	20/06/2022
March 2022	7.6	180	120	0.29	0.091	<0.005	0.0009	<1		<1	<1	22/0409	23/03/2022	24/05/2022
February 2022	7.89	164	105	0.15	0.04	<0.005	<0.005	2		<1	<1	22/0242	9/02/2022	15/02/2022
January 2022	7.56	171	110	0.013	0.028	<0.005	<0.005	<2		<1	<1	22/0073	12/01/2022	14/01/2022
December 2021	7.3	197	126	0.14	0.014	<0.005	<0.005	5		<1	<1	21/1816	8/12/2021	14/12/2021
November 2021	7.4	251	161	0.15	0.014	<0.005	<0.005	4		<1	<1	21/1649	10/11/2021	16/11/2021
October 2021	7.4	234	150	<0.10	0.011	<0.005	<0.005	3		<1	<1	21/1488	13/10/2021	19/10/2021
September 2021	7.4	243	156	0.11	0.011	<0.005	<0.005	<2		<1	<1	21/1315	14/09/2021	23/09/2021
August 2021	7.4	223	143	0.11	0.014	0.005	<0.005	3		<1	<1	21/1136	11/08/2021	13/08/2021
July 2021	7.5	245	157	0.15	0.025	0.002	<0.005	2		<1	<1	21/0984	14/07/2021	19/07/2021
June 2021	7.7	235	150	<0.10	0.011	<0.005	<0.005	<2		<1	<1	21/0851	22/06/2021	30/06/2021
May 2021	7.8	181	116	0.11	0.018	<0.005	<0.005	<2		<1	<1	21/0657	11/05/2021	26/05/2021
April 2021	7.7	226	145	<0.10	0.017	<0.005	0.005	4		<1	<1	21/0550	20/04/2021	30/04/2021
March 2021	7.8	262	168	0.1	0.03	0.005	<0.005	<2		9	<1	21/0394	16/03/2021	23/03/2021
February 2021	7.9	267	171	<0.10	0.04	0.005	<0.005	2		<1	<1	21/0257	17/02/2021	23/02/2021
January 2021	7.9	258	165	<0.10	0.005	<0.005	<0.005	3		<1	<1	21/0062	13/01/2021	20/01/2021
December 2020	8.0	262	168	<0.10	0.077	0.006	<0.005	<2		NA	NA	20/1929	16/12/2020	22/12/2020
November 2020	8.0	243	156	<0.10	0.041	<0.005	<0.005	<2		NA	NA	20/1737	10/11/2020	16/11/2020
October 2020	7.8	222	142	<0.10	0.026	0.01	<0.005	<2		NA	NA	20/1567	13/10/2020	20/10/2020
September 2020	7.6	216	138	<0.10	0.01	<0.005	<0.005	<2		NA	NA	20/1386	9/09/2020	14/09/2020
August 2020	7.8	227	145	<0.10	0.023	0.008	<0.005	<2	0.11	NA	NA	20/1238	12/08/2020	18/08/2020
July 2020	7.7	222	142	0.14	0.019	0.006	<0.005	<2	0.12	NA	NA	20/1097	15/07/2020	20/07/2020
June 2020	7.6	227	145	0.12	0.040	0.007	<0.005	<2	0.12	NA	NA	20/0942	17/06/2020	22/06/2020
May 2020	7.5	201	129	0.18	0.035	0.02	<0.005	2	0.15	NA	NA	20/0782	13/05/2020	19/05/2020
April 2020	7.7	224	143	0.31	0.053	0.04	0.005	2	0.12	NA	NA	20/0626	14/04/2020	21/04/2020
March 2020	7.6	210	134	0.14	0.036	<0.005	<0.005	2	0.070	NA	NA	20/0470	10/03/2020	17/03/2020
February 2020	7.4	179	114	0.14	0.021	0.03	<0.005	<2	0.1	NA	NA	20/0282	12/02/2020	19/02/2020
January 2020	7.5	413	264	0.20	0.035	0.01	0.009	4	0.073	NA	NA	20/0039	1/01/2020	17/01/2020
December 2019	7.5	360	230	0.23	0.026	<0.005	0.013	7	0.11	NA	NA	19/2116	11/12/2019	18/12/2019
November 2019	7.4	148	95	0.48	0.080	0.01	0.019	8	0.068	NA	NA	19/1942	19/11/2019	26/11/2019
October 2019	7.4	126	81	0.36	0.056	0.01	0.015	4		NA	NA	19/1727	15/10/2019	28/10/2019
September 2019	7.5	121	77	4.7	1.75	0.62	0.14	19		NA	NA	19/1590	25/09/2019	3/10/2019
August 2019	7.8	146	93	5.8	1.43	0.51	0.11	29		NA	NA	19/1329	14/08/2019	26/08/2019
July 2019	8.3	133	85	0.13	0.015	0.02	<0.005	2		NA	NA	19/1118	10/07/2019	16/07/2019
June 2019	7.6	132	84	1.4	0.25	0.12	0.020	9		NA	NA	19/1017	19/06/2019	24/06/2019
May 2019	7.5	135	86	0.15	0.027	0.008	<0.005	<2		NA	NA	19/0819	15/05/2019	21/05/2019
April 2019	7.2	136	87	0.25	0.19	0.03	<0.005	<2		<1	<1	19/0681	16/04/2019	30/04/2019
March 2019	7.2	130	83	0.32	0.21	0.03	0.005	<2		NA	NA	19/0454	13/03/2019	18/03/2019
February 2019	7.5	247	158	0.28	0.12	0.02	0.007	2		NA	NA	19/0252	13/02/2019	15/02/2019
January 2019	7.6	225	144	0.14	0.050	0.005	<0.005	<2		NA	NA	19/0051	9/01/2019	14/01/2019
December 2018	7.8	203	130	0.18	0.17	0.02	<0.005	<2		NA	NA	18/1912	12/12/2018	18/12/2018
November 2018	8.2	193	124	0.32	0.51	0.02	0.006	<2		NA	NA	18/1752	13/11/2018	22/11/2018
October 2018	7.7	205	131	0.48	0.34	0.08	0.021	<2		NA	NA	18/1605	17/10/2018	23/10/2018
September 2018	7.6	221	141	0.35	0.67	0.02	<0.005	<2		NA	NA	18/1405	12/09/2018	14/09/2018
August 2018	7.8	242	155	0.32	0.66	0.03	0.007	<2		NA	NA	18/1257	15/08/2018	28/08/2018
July 2018	7.9	215	138	0.71	0.62	0.12	0.03	2		NA	NA	18/1117	17/07/2018	25/07/2018
June 2018	7.1	235	150	0.12	0.079	0.009	<0.005	<2		NA	NA	18/0970	20/06/2018	29/06/2018
May 2018	7.8	221	141	0.76	0.62	0.12	0.036	3		NA	NA	18/0766	9/05/2018	14/05/2018
April 2018	7.9	238	152	0.13	0.01	<0.005	3	<1		<1	<1	18/0662	18/04/2018	24/04/2018
March 2018	7.8	138	0.35	0.01	<0.005	<2				NA	NA	18/0459	14/03/2018	19/03/2018
February 2018	7.4	226	145	0.25	0.03	<0.005	<2			NA	NA	18/0266	13/02/2018	16/02/2018
January 2018	8.0	231	148	1.0	0.14	0.033	8			NA	NA	18/0090	15/01/2018	20/01/2018
December 2017	8.0	247	158	1.0	0.07	0.01	6			NA	NA	17/2048	13/12/2017	20/12/2017
November 2017	7.8	239	153	0.45	0.04	0.006	2			NA	NA	17/1868	14/11/2017	20/11/2017
October 2017	7.7	217	139	0.19	0.02	<0.005	<2			NA	NA	17/1670	10/10/2017	24/10/2017
September 2017	7.8	226	145	0.29	0.03	<0.005	<2			NA	NA	17/1545	19/09/2017	25/09/2017
August 2017	8.3	247	158	0.12	0.007	<0.005	<2			NA	NA	17/1305	8/08/2017	14/08/2017
July 2017	8.4	266	170	0.27	0.02	<0.005	<2			NA	NA	17/1140	11/07/2017	14/07/2017
June 2017	8.1	263	168	0.65	0.007	<0.005	<2			NA	NA	17/1006	20/06/2017	26/06/2017
May 2017	8.2	174	111	0.35	0.03	<0.0								

March 2017	8.3	277	177.0	<0.10		0.006	<0.005	<2		NA	NA	17/0447	14/03/2017	20/03/2017
February 2017	8.1	265	170	0.14		0.006	<0.005	<2		NA	NA	17/0281	14/02/2017	20/02/2017
January 2017	7.9	247	158	0.62		0.05	0.012	4		<1	<1	17/0060	9/01/2017	
December 2016	8.7			0.19		0.02	<0.005	<2				16/2008	12/12/2016	19/12/2016
November 2016	8.2	243		<0.1		<0.005	<0.005	<2				16/1858	15/11/2016	25/11/2016
October 2016	8.2	235		0.13		0.007	<0.005	<2				16/1651	12/10/2016	17/10/2016
September 2016	8.5	190		0.27		0.02	<0.005	<2				16/1494	14/09/2016	19/09/2016
August 2016	8.4	221		0.011		0.01	<0.005	<2				16/1344	17/08/2016	22/08/2016
July 2016	8.6	221		<0.1		0.008	<0.005	<2				16/1217	27/07/2016	1/08/2016
June 2016	8.6	219		<0.1		0.001	<0.005	<2				16/0936	8/06/2016	14/06/2016
May 2016	7.7	190		0.06		0.047	0.02	6				16/0762	10/05/2016	13/05/2016
April 2016	8.7	190		0.19		0.005	0.011	5				16/0615	13/04/2016	18/04/2016
March 2016	8.4			0.15		0.01	<0.005	5				16/0402	9/03/2016	14/03/2016
February 2016	8.4	8.4	120	0.18		0.012	<0.005	<2		NA	NA	16/0268	17/02/2016	22/02/2016
January 2016	8.5	200		0.45		0.015	0.006	5		NA	NA	16/0109	20/01/2016	27/01/2016
December 2015	8.2	203		0.23		0.009	0.012	4		NA	NA	15/1995	9/12/2015	21/12/2015
November 2015	8.3	200		0.27		0.026	0.014	6		NA	NA	15/1822	11/11/2015	13/11/2015
October 2015	8	223		0.11		0.006	0.008	3		NA	NA	15/1670	14/10/2015	19/10/2015
November 2015	8.3	200		0.27		0.026	0.014	6		NA	NA	15/1822	11/11/2015	13/11/2015
September 2015	7.7	212	135	0.25		0.013	0.008			NA	NA	15/1506	16/09/2015	21/09/2015
August 2015	8.5	96	61	0.78		0.095	0.013	6		NA	NA	15/1278	12/08/2015	17/08/2015
July 2015	8.2	190	125	0.37		0.021	0.006					15/1074	7/07/2015	14/07/2015
June 2015	8	190	120	<0.10		0.028	0.020					15/0956	15/06/2015	24/06/2015
May 2015	7.5	190	120	0.22		0.026	<0.005					15/0773	12/05/2015	25/05/2015
April 2015														
March 2015	7.9	192	125	0.13		0.009	<0.005	<2		NA	NA	15/0418	10/03/2015	20/03/2015
February 2015	7.8	187	120	0.22		0.011	0.006	3		NA	NA	15/0268	17/02/2015	22/02/2015
January 2015	8	179	115	0.34		0.005	0.006	5		NA	NA	15/0076	13/01/2015	27/01/2015
June 2013	7.4	175	110	0.3		0.013	<0.005	<2		NA	NA	13/1065	19/06/2013	28/06/2013
April 2013	7.4	159	100	0.98		0.086	0.012			NA	NA	13/0585	10/04/2013	16/04/2013
May 2012	8.1	208	135	0.11		0.017	<0.005	<2				12/00809	9/05/2012	11/05/2012
December 2010	7.3	173	110	0.13		0.02	<0.005					10/02041	8/12/2010	10/12/2010
September 2010	8.5	98.3	60	0.57		0.06	0.006	5		<1	<1	10/01416	8/09/2010	21/09/2010
February 2010	9.3		166	0.6		0.1	0.01	8				1002-25054	10/02/2010	16/02/2010
January 2010	7.7		157	2.2		0.18	0.044	15				1001-24807	12/01/2010	21/01/2010
December 2009	9.3		166.0	0.8		0.34	0.02	8				0912-24591	9/12/2009	15/12/2009

min	7.3	8.4	0.011
max	9.3	223	2.2
mean	8.2	180.2	0.4

0.001	0.006	3
0.34	0.044	15
0.0	0.0	6.00

<b>2016/2017</b>	pH	Electrical Conductivity	Turbidity (NTU)	Iron	Manganese	Colour
<b>max</b>	8.7	277	1	0.14	0.033	8
<b>average</b>	8.2	239	0.38	0.03	0.015	4