

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 |
|----------------|------|-------------------------|-------|-----------------|----------------|-----------|----------------|--------|---------------------|-----------------|--------|---------------------|--------------|---------------|
| 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 | <0.20 | <1 | <1 | WN222258 | 25/11/2022 | 7/12/2022 |
| October 2022 | 8 | 160 | 100 | 0.18 | <0.050 | <0.0030 | <0.0010 | <1 | <0.20 | <1 | <1 | WN221962 | 19/10/2022 | 28/10/2022 |
| September 2022 | 7.8 | 150 | 100 | 0.11 | 0.028 | 0.008 | 0.0006 | <1 | <0.20 | <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 | <0.20 | <1 | <1 | 22/0646 | 15/05/2022 | 15/06/2022 |
| April 2022 | 7.2 | 160 | 100 | 0.21 | 0.014 | 0.007 | <0.0005 | <1 | <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 | 3 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | <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 | <0.20 | 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 | <0.20 | <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 | <0.20 | <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 | <0.20 | 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 | <0.20 | 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 | <0.20 | 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 | <0.20 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | <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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | 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 | 0.068 | NA | NA | 18/0766 | 9/05/2018 | 14/05/2018 |
| April 2018 | 7.9 | 238 | 152 | 0.13 | 0.01 | <0.005 | <0.005 | 3 | 0.068 | <1 | <1 | 18/0662 | 18/04/2018 | 24/04/2018 |
| March 2018 | 7.8 | 238 | 138 | 0.35 | 0.01 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 18/0459 | 14/03/2018 | 19/03/2018 |
| February 2018 | 7.4 | 226 | 145 | 0.25 | 0.03 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 18/0266 | 13/02/2018 | 16/02/2018 |
| January 2018 | 8.0 | 231 | 148 | 1.0 | 0.14 | 0.033 | 0.033 | 8 | 0.068 | NA | NA | 18/0090 | 15/01/2018 | 20/01/2018 |
| December 2017 | 8.0 | 247 | 158 | 1.0 | 0.07 | 0.01 | 0.01 | 6 | 0.068 | NA | NA | 17/2048 | 13/12/2017 | 20/12/2017 |
| November 2017 | 7.8 | 239 | 153 | 0.45 | 0.04 | 0.006 | 0.006 | 2 | 0.068 | NA | NA | 17/1868 | 14/11/2017 | 20/11/2017 |
| October 2017 | 7.7 | 217 | 139 | 0.19 | 0.02 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/1670 | 10/10/2017 | 24/10/2017 |
| September 2017 | 7.8 | 226 | 145 | 0.29 | 0.03 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/1545 | 19/09/2017 | 25/09/2017 |
| August 2017 | 8.3 | 247 | 158 | 0.12 | 0.007 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/1305 | 8/08/2017 | 14/08/2017 |
| July 2017 | 8.4 | 266 | 170 | 0.27 | 0.02 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/1140 | 11/07/2017 | 14/07/2017 |
| June 2017 | 8.1 | 263 | 168 | 0.65 | 0.007 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/1006 | 20/06/2017 | 26/06/2017 |
| May 2017 | 8.2 | 174 | 111 | 0.35 | 0.03 | <0.005 | <0.005 | 3 | 0.068 | NA | NA | 17/0756 | 9/05/2017 | 15/05/2017 |
| April 2017 | 8.1 | 247 | 158.0 | 0.25 | 0.01 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/0598 | 11/04/2017 | 19/04/2017 |
| March 2017 | 8.3 | 277 | 177.0 | <0.10 | 0.006 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/0447 | 14/03/2017 | 20/03/2017 |
| February 2017 | 8.1 | 265 | 170 | 0.14 | 0.006 | <0.005 | <0.005 | <2 | 0.068 | NA | NA | 17/0281 | 14/02/2017 | 20/02/2017 |
| January 2017 | 7.9 | 247 | 158 | 0.62 | 0.05 | 0.012 | 0.012 | 4 | 0.068 | <1 | <1 | 17/0060 | 9/01/2017 | |
| December 2016 | 8.7 | | | 0.19 | 0.02 | <0.005 | <0.005 | <2 | 0.068 | 16/2008 | | | 12/12/2016 | 19/12/2016 |
| November 2016 | 8.2 | 243 | | <0.1 | <0.005 | <0.005 | <0.005 | <2 | 0.068 | 16/1858 | | | 15/11/2016 | 25/11/2016 |
| October 2016 | 8.2 | 235 | | 0.13 | 0.007 | <0.005 | <0.005 | <2 | 0.068 | 16/1651 | | | 12/10/2016 | 17/10/2016 |
| September 2016 | 8.5 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|----------------|-----|------|-------|-------|--|-------|--------|----|--|----|----|------------|------------|------------|
| 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 | 9/12/2016 | 21/12/2016 |
| 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 | | | | 12/0809 | 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 | | 0.001 | 0.006 | 3 |
| max | 9.3 | 223 | | 2.2 | | 0.34 | 0.044 | 15 |
| mean | 8.2 | 180.2 | | 0.4 | | 0.0 | 0.0 | 6.00 |

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