

GWYDIR SHIRE COUNCIL - WARIALDA EPA L584 - Monthly sample results

| Date - Sampled | Date Results obtained | Report No       | Location  | month | EPA Year | ph  | conductiviti | SS - 90% Limit 30mg/L | BOD - 90% Limit 20mg/L | Nitrogen | Nitrate | Ammonia | K Nitroge | phosphoru | oil/grease - 90% limit <100mg/L, 100% - Nonvisibl e | F coliforms | Comments/Exceedences                |
|----------------|-----------------------|-----------------|-----------|-------|----------|-----|--------------|-----------------------|------------------------|----------|---------|---------|-----------|-----------|-----------------------------------------------------|-------------|-------------------------------------|
| 17/01/2018     |                       |                 | Warialdia | 1     | 2018     | 9.6 | 0.94         | 26                    | 12                     | 3.9      | 0.1     | 0.1     | 3.9       | 2.02      | 5                                                   | 2           |                                     |
| 14/02/2018     |                       |                 | Warialdia | 2     | 2018     | 10  | 0.97         | 30                    | 14                     | 3        | 0.1     | 0.1     | 3         | 2.05      | 5                                                   | 3           |                                     |
| 21/03/2018     |                       |                 | Warialdia | 3     | 2018     | 9.9 | 0.88         | 28                    | 4                      | 2.5      | 0.1     | 0.1     | 2.5       | 2.68      | 5                                                   | 2           |                                     |
| 26/04/2018     |                       |                 | Warialdia | 4     | 2018     | 9.8 | 0.8          | 19                    | 8                      | 2.4      | 0.73    | 0.11    | 1.7       | 3.55      | 5                                                   | 2           |                                     |
| 24/05/2018     |                       |                 | Warialdia | 5     | 2018     | 9.8 | 0.97         | 30                    | 13                     | 2.8      | 0.1     | 0.1     | 2.8       | 2.84      | 5                                                   | 2           |                                     |
| 19/06/2018     |                       |                 | Warialdia | 6     | 2018     | 9.8 | 0.86         | 20                    | 13                     | 3.8      | 0.1     | 0.1     | 3.7       | 2.92      | 5                                                   | 2           |                                     |
| 17/07/2018     |                       |                 | Warialdia | 7     | 2018     | 9.3 | 0.76         | 71                    | 35                     | 8.4      | 0.6     | 0.5     | 7.7       | 5.61      | 5                                                   | 160         |                                     |
| 31/08/2018     |                       |                 | Warialdia | 8     | 2018     | 8.7 | 1            | 14                    | 7                      | 3.8      | 0.1     | 0.1     | 3.7       | 4.78      | 5                                                   | 2           |                                     |
| 20/09/2018     |                       |                 | Warialdia | 9     | 2018     | 8.3 | 0.93         | 39                    | 11                     | 10.4     | 0.4     | 7.3     | 10        | 10.36     | 11                                                  | -240        |                                     |
| 9/10/2018      |                       |                 | Warialdia | 10    | 2018     | 8.2 | 1.04         | 10                    | 9                      | 19.2     | 0.3     | 14.7    | 18.9      | 11.14     | 5                                                   | 800         |                                     |
| 14/11/2018     |                       |                 | Warialdia | 11    | 2019     | 9.7 | 0.73         | 182                   | 16                     | 5        | 0.1     | 0.1     | 5         | 2.51      | 5                                                   | 1000        |                                     |
| 12/12/2018     |                       |                 | Warialdia | 12    | 2019     | 9.1 | 0.89         | 18                    | 3                      | 2.3      | 0.1     | 0.1     | 2.3       | 3.65      | 5                                                   | 2           |                                     |
| 22/01/2019     |                       |                 | Warialdia | 1     | 2019     | 9.2 | 1.14         | 17                    | 4                      | 1.3      | 0.1     | 0.1     | 1.3       | 3.42      | 5                                                   | 2           |                                     |
| 19/02/2019     |                       |                 | Warialdia | 2     | 2019     | 9.3 | 1.13         | 54                    | 2                      | 3.6      | 0.1     | 0.2     | 3.6       | 4.39      | 5                                                   | 2           |                                     |
| 27/03/2019     |                       |                 | Warialdia | 3     | 2019     | 8.6 | 0.873        | 81                    | 18                     | 3.1      | 0.04    | 1.32    | 3.1       | 5.46      | 5                                                   | 850         | 9-Jan                               |
| 10/04/2019     |                       |                 | Warialdia | 4     | 2019     | 9.5 | 1.006        | 30                    | 9                      | 2.9      | 0.01    | 0.11    | 2.9       | 3.4       | 5                                                   | 2           |                                     |
| 22/05/2019     |                       |                 | Warialdia | 5     | 2019     | 9.3 | 0.997        | 15                    | 6                      | 2.5      | 0.08    | 0.07    | 2.4       | 4.37      | 5                                                   | 1           |                                     |
| 19/06/2019     |                       |                 | Warialdia | 6     | 2019     | 9.5 | 0.924        | 27                    | 7                      | 3.5      | 0.2     | 0.2     | 3.3       | 5.05      | 5                                                   | 2           |                                     |
| 24/07/2019     |                       |                 | Warialdia | 7     | 2019     | 9.3 | 0.89         | 27                    | 9                      | 3.5      | 0.1     | 0.1     | 3.5       | 5.33      | 0                                                   | 0           |                                     |
| 6/08/2019      |                       |                 | Warialdia | 8     | 2019     | 9.4 | 0.828        | 36                    | 2                      | 3.3      | 0.1     | 0.2     | 3.2       | 3.8       | 5                                                   | 2           |                                     |
| 11/09/2019     |                       |                 | Warialdia | 9     | 2019     | 9.2 | 0.914        | 5                     | 8                      | 3.4      | 0.4     | 0.1     | 3         | 3.81      | 5                                                   | 2           |                                     |
| 9/10/2019      |                       |                 | Warialdia | 10    | 2019     | 8.7 | 1.073        | 30                    | 8                      | 4.4      | 0.3     | 0.1     | 4.1       | 4.55      | 5                                                   | 2           |                                     |
| 21/11/2019     | 3/12/2020             | 192142          | Warialdia | 11    | 2020     | 8.7 | 1.11         | 33                    | 6                      | 3.8      | 0.04    | 0.24    | 3.8       | 4.72      | 5                                                   | 1           |                                     |
| 17/12/2019     | 20/1/2020             | 192344          | Warialdia | 12    | 2020     | 9.1 | 1.204        | 19                    | 5                      | 1.7      | 0.1     | 0.1     | 1.7       | 3.01      | 5                                                   | 1           |                                     |
| 14/01/2020     | 29/01/2020            | 200115          | Warialdia | 1     | 2020     | 9.2 | 1.386        | 45                    | 6                      | 3.8      | 0.1     | 0.1     | 3.8       | 2.4       | 5                                                   | 2           |                                     |
| 12/02/2020     | 25/02/2020            | 200352          | Warialdia | 2     | 2020     | 9   | 1.075        | 10                    | 2                      | 1.6      | 0.1     | 0.1     | 1.6       | 3.25      | 5                                                   | 1           |                                     |
| 25/03/2020     | 6/04/2020             | 200669          | Warialdia | 3     | 2020     | 8.9 | 1.013        | 13                    | 4                      | 2        | 0.1     | 0.1     | 2         | 3.03      | 5                                                   | 2           |                                     |
| 22/04/2020     | 4/05/2020             | 200846          | Warialdia | 4     | 2020     | 8.4 | 0.898        | 24                    | 17                     | 4.5      | 0.1     | 0.8     | 4.5       | 4.1       | 5                                                   | 4           |                                     |
| 27/05/2020     | 5/06/2020             | 201076          | Warialdia | 5     | 2020     | 8.7 | 0.81         | 17                    | 2                      | 3        | 0.1     | 0.8     | 3         | 3.32      | 5                                                   | 42          |                                     |
| 11/06/2020     | 17/06/2020            | 201177          | Warialdia | 6     | 2020     | 8.6 | 0.814        | 24                    | 2                      | 5.2      | 0.2     | 2.6     | 5         | 4.11      | 5                                                   | 110         |                                     |
| 1/07/2020      | 10/07/2020            | 201301          | Warialdia | 7     | 2020     | 7.9 | 0.85         | 27                    | 5                      | 7.4      | 3.1     | 2.2     | 4.3       | 4.64      | 5                                                   | 120         |                                     |
| 19/08/2020     | 28/08/2020            | 201600          | Warialdia | 8     | 2020     | 7.9 | 0.89         | 20                    | 2                      | 10.6     | 3.1     | 5.6     | 7.5       | 4.1       | 5                                                   | 9           |                                     |
| 2/09/2020      | 11/09/2020            | 201692          | Warialdia | 9     | 2020     | 8   | 0.96         | 42                    | 2                      | 9.8      | 5.9     | 1.3     | 3.9       | 5.04      | 5                                                   | 20          | TSS impacted by tertiary pond algae |
| 14/10/2020     | 21/10/2020            | 201945          | Warialdia | 10    | 2020     | 8.1 | 0.93         | 30                    | 2                      | 7        | 3.52    | 1.07    | 3.5       | 4.92      | 5                                                   | 1           |                                     |
| 4/11/2020      | 13/11/2020            | 202106          | Warialdia | 11    | 2021     | 9.2 | 0.83         | 38                    | 2                      | 2.6      | 2.04    | 0.1     | 2.6       | 2.91      | 5                                                   | 1           | TSS impacted by tertiary pond algae |
| 15/12/2020     | 24/12/2020            | 202397          | Warialdia | 12    | 2021     | 9.1 | 0.85         | 35                    | 2                      | 2.3      | 0.02    | 0.13    | 2.3       | 2.32      | 5                                                   | 2           |                                     |
| 5/01/2021      | 15/01/2021            | 210035          | Warialdia | 1     | 2021     | 9.1 | 0.79         | 24                    | 3                      | 2.6      | 0.01    | 0.06    | 2.6       | 2.10      | <5                                                  | <1          |                                     |
| 9/02/2021      | 18/02/2021            | 210266          | Warialdia | 2     | 2021     | 8.8 | 0.83         | 43                    | 9                      | 4.1      | 0.03    | 0.1     | 4.1       | 2.48      | <5                                                  | <1          |                                     |
| 24/03/2021     | 7/04/2021             | 210608          | Warialdia | 3     | 2021     | 8.2 | 0.69         | 22                    | <2                     | 3.0      | 0.22    | 0.78    | 2.8       | 2.07      | <5                                                  | <2          |                                     |
| 7/04/2021      | 15/04/2021            | 210701          | Warialdia | 4     | 2021     | 8.9 | 0.65         | 29                    | <2                     | 4.2      | 0.18    | 0.99    | 4.0       | 2.27      | <5                                                  | 12          |                                     |
| 26/05/2021     | 3/06/2021             | 211044          | Warialdia | 5     | 2021     | 8.0 | 0.77         | 24                    | 5                      | 5.6      | 2.58    | 0.17    | 3.0       | 3.26      | <5                                                  | <2          |                                     |
| 22/06/2021     | 1/07/2021             | 211212          | Warialdia | 6     | 2021     | 7.9 | 0.78         | 4                     | <2                     | 7.3      | 4.20    | 0.99    | 3.1       | 3.70      | <5                                                  | <1          |                                     |
| 20/07/2021     | 28/07/2021            | 211387          | Warialdia | 7     | 2021     | 8.3 | 0.76         | 11                    | <2                     | 6.8      | 2.37    | 1.02    | 4.4       | 3.56      | <5                                                  | 1           |                                     |
| 25/08/2021     | 9/09/2021             | 211622 & 211630 | Warialdia | 8     | 2021     | 9.2 | 0.89         | 18                    | <2                     | 3.7      | 2.00    | <0.1    | 1.7       | 2.55      | <5                                                  | <1          |                                     |
| 15/09/2021     | 23/09/2021            | 211769          | Warialdia | 9     | 2021     | 8.7 | 0.81         | 11                    | 14                     | 4.5      | <0.1    | 2       | 4.5       | 5.33      | <5                                                  | <1          |                                     |
| 13/10/2021     | 25/10/2021            | 211948          | Warialdia | 10    | 2021     | 7.9 | 0.78         | 47                    | 6                      | 7.2      | 1.39    | 2.16    | 5.8       | 5.93      | <5                                                  | 66          | Algae bloom in the tertiary ponds   |
| 16/11/2021     | 30/11/2021            | 212177          | Warialdia | 11    | 2021     | 9.1 | 0.79         | 53                    | <2                     | 7.7      | 2.86    | 0.11    | 4.8       | 3.98      | <5                                                  | 2           | Algae blooms in the tertiary ponds  |
| 15/12/2021     | 4/01/2022             | 212408          | Warialdia | 12    | 2022     | 9.4 | 0.80         | 20                    | 6                      | 3.1      | 0.20    | 0.05    | 2.9       | 2.04      | <5                                                  | <2          |                                     |
| 5/01/2022      | 17/01/2022            | 220038          | Warialdia | 1     | 2022     | 9.1 | 1.54         | 5                     | <2                     | 1.5      | 0.08    | <0.01   | 1.4       | 2.97      | <5                                                  | <1          |                                     |
| 16/02/2022     | 24/02/2022            | 220309          | Warialdia | 2     | 2022     | 9.0 | 0.76         | 22                    | 2                      | 2.7      | <0.1    | 0.12    | 2.7       | 1.98      | <5                                                  | <2          |                                     |
| 8/03/2022      | 21/03/2022            | 220424          | Warialdia | 3     | 2022     | 8.6 | 0.84         | 14                    | <2                     | 2.4      | 0.12    | 0.04    | 2.3       | 2.27      | <5                                                  | <2          |                                     |
| 6/04/2022      | 13/04/2022            | 220621          | Warialdia | 4     | 2022     | 8.5 | 1.10         | 156                   | 21                     | 10.8     | 0.11    | 0.18    | 10.7      | 3.68      | <5                                                  | 10          | Algae blooms in the tertiary ponds  |
| 18/05/2022     | 27/05/2022            | 220945          | Warialdia | 5     | 2022     | 8.6 | 0.84         | 25                    | <2                     | 9.2      | 0.98    | <0.1    | 8.2       | 4.72      | <5                                                  | <2          |                                     |
| 15/06/2022     | 28/06/2022            | 221250          | Warialdia | 6     | 2022     | 8.1 | 0.70         | 17                    | 9                      | 5.4      | 1.00    | 1.1     | 4.0       | 2.66      | <5                                                  | 40          |                                     |
| 3/07/2022      | 12/07/2022            | 221480          | Warialdia | 7     | 2022     | 8.2 | 0.87         | 27                    | 4                      | 4.8      | 0.1     | <0.1    | 4.7       | 3.71      | <5                                                  | <28         |                                     |
| 10/08/2022     | 19/08/2022            | 221721          | Warialdia | 8     | 2022     | 7.9 | 1.14         | 22                    | <2                     | 5.7      | 1.43    | <0.1    | 4.2       | 5.17      | <5                                                  | <1          |                                     |
| 7/09/2022      | 16/09/2022            | 221905          | Warialdia | 9     | 2022     | 8.1 | 0.85         | 36                    | <2                     | 15.6     | 4.63    | 1.79    | 11        | 5.64      | <5                                                  | <2          | Algae blooms in the tertiary ponds  |
| 11/10/2022     | 18/10/2022            | 222158          | Warialdia | 10    | 2022     | 8.3 | 0.96         | 10                    | <2                     | 4        | 1.02    | <0.1    | 3         | 4.25      | <5                                                  | <1          |                                     |
| 9/11/2022      | 16/11/2022            | 222397          | Warialdia | 11    | 2022     | 8.5 | 0.76         | 24                    | 2                      | 3.7      | 0.35    | 0.1     | 3.4       | 4.87      | <5                                                  | <2          |                                     |
| 14/12/2022     | 3/01/2023             | 222644          | Warialdia | 12    | 2022     | 9.2 | 0.74         | 40                    | 5                      | 2.5      | 0.02    | 0.07    | 2.5       | 2.18      | 13                                                  | <2          |                                     |
| 11/01/2023     | 24/01/2023            | 230092          | Warialdia | 1     | 2023     | 9.2 | 0.95         | 18                    | 11                     | 6.1      | 0.02    | 0.45    | 6.1       | 2.06      | 6                                                   | <1          |                                     |
| 16/02/2023     | 27/02/2023            | 230324          | Warialdia | 2     | 2023     | 9.2 | 0.83         | 25                    | <2                     | 5.3      | <0.10   | 1.1     | 4.9       | 2.71      | <5                                                  | <1          |                                     |
| 21/03/2023     | 31/03/2023            | 230556          | Warialdia | 3     | 2023     | 8.9 | 0.82         | 33                    | 13                     | 6.2      | <0.10   | 1.8     | 6.2       | 3.06      | <5                                                  | 220         |                                     |
| 19/04/2023     | 3/05/2023             | 230769          | Warialdia | 4     | 2023     | 8.6 | 1.03         | 22                    | <2                     | 5.5      | 0.44    | 0.70    | 5.1       | 4.37      | <5                                                  | <2          |                                     |
| 23/05/2023     | 2/06/2023             | 230964          | Warialdia | 5     | 2023     | 9.3 | 0.85         | 115                   | 8                      | 7.9      | 0.32    | <0.1    | 7.1       | 3.49      | <5                                                  | <2          | Algae blooms in the tertiary ponds  |
| 14/06/2023     | 26/06/2023            | 231111          | Warialdia | 6     | 2023     | 9.2 | 0.85         | 32                    | 6                      | 4.3      | <0.10   | 0.60    | 4.1       | 2.68      | <5                                                  | <10         | Algae blooms in the tertiary ponds  |
| 20/07/2023     | 27/07/2023            | 231363          | Warialdia | 7     | 2023     | 9.0 | 0.90         | 13                    | 11                     | 3.5      | <0.10   | 0.14    | 3.5       | 3.84      | <5                                                  | <2          |                                     |
|                |                       |                 |           |       |          |     |              |                       |                        |          |         |         |           |           |                                                     |             |                                     |
|                |                       |                 |           |       |          |     |              |                       |                        |          |         |         |           |           |                                                     |             |                                     |
|                |                       |                 |           |       |          |     |              |                       |                        |          |         |         |           |           |                                                     |             |                                     |
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|                |                       |                 |           |       |          |     |              |                       |                        |          |         |         |           |           |                                                     |             |                                     |