

**UPPER LACHLAN SHIRE COUNCIL
CROOKWELL LANDFILL
EPA LICENCE NO. 6054**

POINT 1 - LEACHATE DAM - NO WATER IN DAM

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|-----------------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 26/06/2014 | | | No water in Dam | | | | | | |
| 8/10/2014 | | | No water in Dam | | | | | | |
| 26/11/2014 | | | No water in Dam | | | | | | |
| 4/03/2015 | | | No water in Dam | | | | | | |
| 23/06/2015 | | | No water in Dam | | | | | | |
| 29/09/2015 | | | No water in Dam | | | | | | |
| 15/12/2015 | | | No water in Dam | | | | | | |
| 22/03/2016 | | | No water in Dam | | | | | | |
| 21/06/2016 | | | No water in Dam | | | | | | |
| 29/11/2016 | | | No water in Dam | | | | | | |
| 20/12/2016 | | | No water in Dam | | | | | | |
| 21/03/2017 | | | No water in Dam | | | | | | |
| 27/06/2017 | | | No water in Dam | | | | | | |
| 22/08/2017 | | | No water in Dam | | | | | | |
| 28/11/2017 | | | No water in Dam | | | | | | |
| 27/03/2018 | | | No water in Dam | | | | | | |
| 26/06/2018 | | | No water in Dam | | | | | | |
| 18/09/2018 | | | No water in Dam | | | | | | |
| 27/02/2019 | | | No water in Dam | | | | | | |
| 11/06/2019 | | | No water in Dam | | | | | | |
| 11/09/2019 | | | No water in Dam | | | | | | |
| 4/12/2019 | | | No water in Dam | | | | | | |
| 3/03/2020 | | | No water in Dam | | | | | | |
| 23/06/2020 | | | No water in Dam | | | | | | |
| 29/07/2020 | | | No water in Dam | | | | | | |
| 15/09/2020 | | | No water in Dam | | | | | | |

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POINT 1 - LEACHATE DAM - NO WATER IN DAM

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|-----------------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 22/12/2020 | | | No water in Dam | | | | | | |
| 11/05/2021 | | | No water in Dam | | | | | | |
| 15/03/2022 | | | No water in Dam | | | | | | |
| 16/06/2022 | | | No Sample Taken | | | | | | |
| 14/09/2022 | | | No Sample Taken | | | | | | |
| 14/12/2022 | | | No Sample Taken | | | | | | |
| 15/03/2023 | | | No Sample Taken | | | | | | |
| 14/06/2023 | | | No Sample Taken | | | | | | |
| 28/09/2023 | 29/09/2023 | 6/10/2023 | 6.08 | 110 | 22 | 23 | <0.1 | <0.01 | 4 |
| 13/12/2023 | 14/12/2023 | 29/12/2023 | 7.76 | 402 | 11 | 129 | 0.8 | 0.02 | <2 |

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POINT 2 - SEDIMENTATION DAM ON SITE

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 7.39 | 466 | 6 | 105 | 0.6 | 0.02 | <2 |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 7.54 | 521 | 10 | 121 | <0.1 | <0.05 | 3 |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 7 | 642 | 618 | 116 | <0.1 | <0.05 | 8 |
| 4/03/2015 | No Sample | Dam Dry | | | | | | | |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 7.16 | 379 | 8 | 67 | <0.1 | <0.05 | 2 |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 7.51 | 543 | 11 | 122 | <0.1 | <0.05 | 5 |
| 15/12/2015 | No Sample | | | | | | | | |
| 22/03/2016 | No Sample | | | | | | | | |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 7.26 | 320 | 61 | 47 | 0.3 | 0.03 | <2 |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 7.48 | 497 | 51 | 180 | 2.2 | <0.05 | 35 |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 8.2 | 431 | 79 | 128 | 0.6 | 0.05 | 16 |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 7.36 | 320 | 80 | 74 | 1.4 | 0.17 | 3 |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 7.53 | 406 | 12 | 105 | 2.1 | 0.12 | 3 |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 7.68 | 379 | 16 | 85 | 1.6 | 0.4 | <2 |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 7.75 | 297 | 26 | 76 | 0.2 | 0.27 | 3 |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | 7.7 | 329 | 21 | 96 | 0.5 | 0.07 | 2 |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 7.62 | 322 | 8 | 78 | 0.7 | 0.16 | 2 |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 7.71 | 412 | 23 | 102 | 1.5 | 0.7 | 2 |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | 7.99 | 386 | 22 | 127 | <0.1 | <0.05 | 2 |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 7.51 | 282 | 45 | 67 | 0.2 | 0.25 | 8 |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 7.97 | 385 | 10 | 90 | 1.4 | 0.24 | 2 |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | 7.98 | 469 | 31 | 105 | <0.1 | 0.06 | <2 |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | 7.46 | 474 | 18 | 246 | 0.4 | 0.32 | 8 |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 7.86 | 589 | 21 | 210 | 1.3 | 3.14 | <2 |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 7.67 | 563 | 77 | 109 | 1.2 | 2.71 | 2 |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | 7.54 | 488 | 13 | 144 | 0.9 | 2.85 | <2 |

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POINT 3 - SEDIMENTATION DAM ON EASTERN PROPERTY

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD | | |
|---------------|------------------|----------------|---------------------|--------------|-----------------------|------------|-------------------------|--------------|-----|--|--|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 7.81 | 808 | 9 | 184 | 0.1 | 0.16 | <2 | | |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 8.27 | 789 | 6 | 227 | <0.1 | <0.05 | 5 | | |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 8.16 | 940 | 16 | 283 | <0.1 | <0.05 | 5 | | |
| 4/03/2015 | 5/03/2015 | 12/03/2015 | 8.26 | 964 | <2 | 270 | <0.1 | <0.05 | <2 | | |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 8.01 | 847 | 4 | 213 | <0.1 | <0.05 | <2 | | |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 8.15 | 842 | 5 | 245 | <0.1 | 0.24 | 2 | | |
| 15/12/2015 | 16/12/2015 | 23/12/2015 | 7.84 | 935 | 4 | 296 | <0.1 | <0.05 | <2 | | |
| 22/03/2016 | 23/03/2016 | 31/03/2016 | 8.25 | 1060 | <2 | 337 | <0.1 | <0.05 | <2 | | |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 7.74 | 608 | 7 | 112 | <0.1 | 1.41 | <2 | | |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 7.95 | 908 | 4 | 323 | <0.1 | 0.95 | 2 | | |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 8.01 | 992 | 8 | 364 | <0.1 | <0.05 | <2 | | |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 8.04 | 824 | 22 | 294 | <0.1 | 0.06 | 2 | | |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 7.84 | 829 | 4 | 316 | 0.1 | <0.05 | <2 | | |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 7.98 | 706 | 3 | 259 | <0.1 | <0.05 | <2 | | |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 7.68 | 539 | 7 | 218 | 0.1 | <0.05 | 2 | | |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | 7.83 | 714 | 10 | 270 | <0.1 | <0.05 | <2 | | |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 7.75 | 780 | 13 | 277 | 0.2 | <0.05 | 2 | | |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 7.87 | 775 | 17 | 262 | 0.1 | <0.05 | 2 | | |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | No sample - dam dry | | | | | | | | |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 7.49 | 679 | 5 | 176 | <0.1 | 0.66 | <2 | | |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 7.77 | 655 | 6 | 197 | <0.1 | <0.05 | <2 | | |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | No sample - dam dry | | | | | | | | |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | 7.43 | 1030 | 5 | 86 | <0.1 | <0.05 | <2 | | |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 7.7 | 711 | 13 | 120 | 0.1 | 0.27 | <2 | | |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 7.42 | 485 | 46 | 84 | <0.1 | 0.83 | <2 | | |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | 7.47 | 873 | 4 | 163 | <0.1 | 3.66 | <2 | | |

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POINT 4 - GROUNDWATER BORE MW 1

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 5.48 | 103 | 33 | 14 | 0.1 | 0.52 | <2 |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 5.72 | 101 | 12 | 13 | <0.1 | 0.45 | <2 |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 5.55 | 106 | 18 | 14 | 0.1 | 0.59 | <2 |
| 4/03/2015 | 5/03/2015 | 12/03/2015 | 5.75 | 103 | 6 | 14 | <0.1 | 0.5 | <2 |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 5.92 | 104 | 57 | 17 | <0.1 | 0.49 | <2 |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 5.87 | 102 | 19 | 15 | <0.1 | 0.5 | <2 |
| 15/12/2015 | 16/12/2015 | 23/12/2015 | 5.64 | 114 | 21 | 15 | <0.1 | 0.52 | <2 |
| 22/03/2016 | 23/03/2016 | 31/03/2016 | 6.17 | 98 | 10 | 15 | <0.1 | 0.56 | <2 |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 5.99 | 101 | 21 | 18 | <0.1 | 0.59 | <2 |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 6.11 | 102 | 19 | 13 | <0.1 | 0.58 | <2 |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 6.11 | 108 | 30 | 14 | <0.1 | 0.56 | <2 |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 6.24 | 366 | 15 | 13 | <0.1 | 0.54 | <2 |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 6.1 | 111 | 9 | 14 | <0.1 | 0.56 | <2 |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 6.25 | 111 | 5 | 14 | <0.1 | 0.5 | <2 |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 6.3 | 105 | 6 | 13 | <0.1 | 0.58 | <2 |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | 6.32 | 105 | 2 | 14 | <0.1 | 0.61 | <2 |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 5.97 | 109 | 13 | 14 | <0.1 | 0.53 | <2 |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 6.27 | 107 | 10 | 14 | 0.2 | 0.51 | <2 |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | 6.25 | 101 | 10 | 11 | <0.1 | 0.64 | <2 |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 5.94 | 106 | 4 | 11 | <0.1 | 0.74 | <2 |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 5.83 | 128 | 15 | 11 | <0.1 | 0.55 | <2 |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | 6.15 | 99 | 29 | 10 | <0.1 | 0.57 | <2 |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | 5.54 | 96 | 24 | 12 | <0.1 | 0.66 | |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 6.49 | 102 | 14 | 21 | 0.2 | 0.63 | <2 |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 6.25 | 104 | 8 | 22 | <0.1 | 0.71 | <2 |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | 6.61 | 107 | 5 | 34 | <0.1 | 0.65 | <2 |

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POINT 5 - GROUNDWATER BORE MW2

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|------|--------------|-----------------------|------------|-------------------------|--------------|---------------------|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 4.82 | 214 | 12 | 6 | <0.1 | 7.34 | <2 |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 5.06 | 223 | 6 | 7 | <0.1 | 6.82 | <2 |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 5.01 | 217 | 7 | 7 | <0.1 | 6.85 | <2 |
| 4/03/2015 | 5/03/2015 | 12/03/2015 | 5.24 | 210 | 9 | 7 | <0.1 | 6.59 | <2 |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 5.72 | 209 | 3 | 8 | <0.1 | 6.66 | <2 |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 5.37 | 220 | 3 | 7 | <0.1 | 6.57 | <2 |
| 15/12/2015 | 16/12/2015 | 23/12/2015 | 5.04 | 208 | 4 | 8 | <0.1 | 6.55 | <2 |
| 22/03/2016 | 23/03/2016 | 31/03/2016 | 5.55 | 202 | 7 | 8 | <0.1 | 6.7 | <2 |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 5.39 | 164 | 6 | 10 | <0.1 | 6.99 | <2 |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 5.2 | 214 | 4 | 4 | <.1 | 4.73 | <2 |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 5.43 | 209 | 18 | 6 | <0.1 | 4.57 | <2 |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 5.73 | 233 | 4 | 6 | <0.1 | 4.6 | <2 |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 5.49 | 211 | 3 | 6 | <0.1 | 5.37 | <2 |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 5.4 | 230 | <2 | 4 | <0.1 | 5.9 | <2 |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 5.52 | 222 | 4 | 4 | <0.1 | 5.84 | <2 |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | 5.57 | 211 | 4 | 9 | <0.1 | 6.05 | <2 |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 5.27 | 205 | 4 | 4 | <0.1 | 6.18 | <2 |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 5.42 | 210 | 5 | 3 | 0.1 | 6.09 | <2 |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | 5.61 | 198 | 6 | 4 | <0.1 | 6.53 | <2 |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 5.21 | 192 | 2 | 2 | <0.1 | 6.32 | <2 |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 5.03 | 190 | 2 | 2 | 0.2 | 6.83 | <2 |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | 5.22 | 206 | 10 | 3 | <0.1 | 6.31 | <2 |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | 5 | 194 | 2 | 6 | <0.1 | 7.22 | Insufficient sample |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 5.71 | 201 | 7 | 8 | <0.1 | 6.45 | <2 |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 5.49 | 200 | 3 | 7 | <0.1 | 6.84 | <2 |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | 5.32 | 217 | 6 | 7 | <0.1 | 6.42 | <2 |

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POINT 5 - GROUNDWATER BORE MW2

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|-----------------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 22/12/2020 | 23/12/2020 | 5/01/2021 | 5.87 | 192 | <2 | 9 | <0.1 | 5.61 | <2 |
| 11/05/2021 | 12/05/2021 | 19/05/2021 | 5.66 | 197 | 11 | 8 | <0.1 | 5.27 | <2 |
| 15/03/2022 | 16/03/2022 | 23/03/2022 | 5.61 | 234 | 7 | 6 | 0.4 | 4.76 | <2 |
| 16/06/2022 | | | No Sample Taken | | | | | | |
| 14/09/2022 | | | No Sample Taken | | | | | | |
| 14/12/2022 | | | No Sample Taken | | | | | | |
| 15/03/2023 | | | No Sample Taken | | | | | | |
| 14/06/2023 | | | No Sample Taken | | | | | | |
| 28/09/2023 | 29/09/2023 | 6/10/2023 | 8.35 | 414 | 3 | 129 | <0.1 | 0.01 | 4 |
| 13/12/2023 | 14/12/2023 | 29/12/2023 | 6.76 | 881 | 3700 | 191 | <0.1 | <0.01 | <2 |

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POINT 6 - GROUNDWATER BORE MW3

| DATE | | | pH | CONDUCTIVITY | SUSPENDED SOLIDS mg/L | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|-----------------------|--------------|-----------------------|------------|-------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | RECHARGE | | | | | | |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | BORE DID NOT RECHARGE | | | | | | |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | NO SAMPLE | | | | | | |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | NO SAMPLE | | | | | | |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | NO SAMPLE | | | | | | |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | NO SAMPLE | | | | | | |
| 22/12/2020 | 23/12/2020 | 5/01/2021 | NO SAMPLE | | | | | | |
| 11/05/2021 | 12/05/2021 | 19/05/2021 | NO SAMPLE | | | | | | |
| 15/03/2022 | 16/03/2022 | 23/03/2022 | NO SAMPLE | | | | | | |
| 16/06/2022 | | | No Sample Taken | | | | | | |
| 14/09/2022 | | | No Sample Taken | | | | | | |
| 14/12/2022 | | | No Sample Taken | | | | | | |

**UPPER LACHLAN SHIRE COUNCIL
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POINT 7 - GROUNDWATER BORE MW4S (MW4)

| DATE | | | pH | CONDUCTIVITY | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|------|--------------|------------|----------------------------|--------------|-----|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 4.57 | 372 | 5 | 0.1 | 16.5 | <2 |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 4.66 | 385 | 5 | <0.1 | 19.2 | <2 |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 4.63 | 384 | 6 | 0.1 | 18 | <2 |
| 4/03/2015 | 5/03/2015 | 12/03/2015 | 4.78 | 388 | 5 | 0.1 | 15.7 | <2 |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 4.78 | 390 | 7 | 0.1 | 12.9 | <2 |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 5.21 | 391 | 6 | 0.1 | 17.2 | <2 |
| 15/12/2015 | 16/12/2015 | 23/12/2015 | 4.73 | 395 | 6 | 0.1 | 16.6 | <2 |
| 22/03/2016 | 23/03/2016 | 31/03/2016 | 4.76 | 386 | 5 | 0.2 | 12.7 | <2 |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 4.98 | 492 | 8 | 0.2 | 6.99 | <2 |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 4.92 | 393 | 3 | 0.1 | 15.5 | <2 |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 5 | 393 | 3 | 0.1 | 17.4 | <2 |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 5.66 | 419 | 12 | 0.1 | 16.3 | <2 |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 5.06 | 400 | 4 | <0.1 | 16.2 | <2 |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 4.89 | 405 | 2 | <0.1 | 15.2 | <2 |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 5.07 | 401 | 2 | 0.1 | 13.9 | <2 |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | 4.91 | 391 | 86 | 3 | 12.4 | <2 |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 4.95 | 462 | 32 | 4 | 5.39 | <2 |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 5.02 | 407 | 3 | 0.3 | 14.2 | <2 |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | 5.09 | 402 | 2 | 0.2 | 9.22 | <2 |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 4.82 | 406 | <1 | 0.2 | 6.37 | <2 |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 4.91 | 355 | 2 | 0.1 | 8.3 | <2 |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | 4.77 | 424 | 1 | 0.2 | 7.73 | <2 |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | 4.62 | 372 | 4 | <0.1 | 3.61 | <2 |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 5.3 | 461 | 6 | 0.1 | 0.1 | <2 |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 5.12 | 406 | 4 | <0.1 | 5.13 | <2 |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | 5 | 413 | 4 | <0.1 | 10.6 | <2 |

**UPPER LACHLAN SHIRE COUNCIL
CROOKWELL LANDFILL
EPA LICENCE NO. 6054**

POINT 8 - GROUNDWATER BORE MW4D (MW5)

| DATE | | | pH | CONDUCTIVITY | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD | |
|---------------|------------------|----------------|-----------------------|--------------|------------|----------------------------|--------------|---------------------|--|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | | |
| 26/06/2014 | 26/06/2014 | 4/07/2014 | 5.95 | 631 | 48 | <0.1 | 0.09 | 3 | |
| 8/10/2014 | 9/10/2014 | 15/10/2014 | 6.37 | 608 | 103 | <0.1 | 0.12 | 3 | |
| 26/11/2014 | 27/11/2014 | 4/12/2014 | 6.49 | 723 | 125 | <0.1 | 0.09 | 3 | |
| 4/03/2015 | 5/03/2015 | 12/03/2015 | 6.68 | 923 | 143 | 0.1 | <0.05 | <2 | |
| 23/06/2015 | 24/06/2015 | 4/07/2015 | 6.38 | 828 | 89 | <0.1 | <0.05 | <2 | |
| 29/09/2015 | 30/09/2015 | 9/10/2015 | 6.59 | 697 | 122 | <0.1 | <0.05 | 3 | |
| 15/12/2015 | 16/12/2015 | 23/12/2015 | 6.31 | 796 | 154 | 0.1 | <0.05 | <2 | |
| 22/03/2016 | No Sample | | | | | | | | |
| 21/06/2016 | 22/06/2016 | 5/07/2016 | 6.53 | 492 | 24 | <0.1 | <0.01 | <2 | |
| 29/11/2016 | 30/11/2016 | 6/12/2016 | 6.69 | 626 | 109 | <0.1 | <0.05 | <2 | |
| 20/12/2016 | 21/12/2016 | 3/01/2017 | 6.92 | 638 | 110 | 0.1 | <0.05 | <2 | |
| 21/03/2017 | 22/03/2017 | 27/03/2017 | 7.04 | 876 | 147 | 0.1 | <0.05 | <2 | |
| 27/06/2017 | 28/06/2017 | 4/07/2017 | 7.39 | 1010 | 196 | <0.1 | <0.05 | <2 | |
| 22/08/2017 | 23/08/2017 | 29/08/2017 | 7.03 | 978 | 233 | <0.1 | <0.05 | 2 | |
| 28/11/2017 | 29/11/2017 | 4/12/2017 | 7 | 892 | 266 | 0.1 | <0.05 | <2 | |
| 27/03/2018 | 28/03/2018 | 5/04/2018 | BORE DID NOT RECHARGE | | | | | | |
| 26/06/2018 | 27/06/2018 | 5/07/2018 | 6.72 | 1020 | 114 | <0.1 | <0.05 | 3 | |
| 18/09/2018 | 19/09/2018 | 27/08/2018 | 7.34 | 1250 | 413 | 0.2 | 0.09 | <2 | |
| 27/02/2019 | 27/02/2019 | 27/02/2019 | BORE DID NOT RECHARGE | | | | | | |
| 11/06/2019 | 12/06/2019 | 12/06/2019 | 7.13 | 1090 | 87 | <0.1 | 0.28 | Insufficient sample | |
| 11/09/2019 | 12/09/2019 | 20/09/2019 | 6.8 | 1070 | 491 | 0.2 | <0.05 | 2 | |
| 4/12/2019 | 4/12/2019 | 16/12/2019 | BORE DID NOT RECHARGE | | | | | | |
| 3/03/2020 | 4/03/2020 | 13/03/2020 | BORE DID NOT RECHARGE | | | | | | |
| 23/06/2020 | 24/06/2020 | 30/06/2020 | 6.91 | 660 | 68 | 0.1 | 2.7 | <2 | |
| 29/07/2020 | 29/07/2020 | 6/08/2020 | 5.12 | 406 | 4 | <0.1 | 5.13 | <2 | |
| 15/09/2020 | 16/09/2020 | 21/09/2020 | DID NOT RECHARGE | | | | | | |

**UPPER LACHLAN SHIRE COUNCIL
CROOKWELL LANDFILL
EPA LICENCE NO. 6054**

POINT 8 - GROUNDWATER BORE MW4D (MW5)

| DATE | | | pH | CONDUCTIVITY | ALKALINITY | NITROGEN (AMMONIA) mg/L | NITRATE mg/L | BOD |
|---------------|------------------|----------------|------------------------------|--------------|------------|----------------------------|--------------|------|
| SAMPLES TAKEN | SAMPLES RECEIVED | RESULTS ISSUED | | | | | | |
| 22/12/2020 | 23/12/2020 | 5/01/2021 | DID NOT RECHARGE | | | | | |
| 11/05/2021 | 12/05/2021 | 19/05/2021 | 6.77 | 812 | 164 | <0.1 | 0.1 | <2 |
| 11/05/2021 | 12/05/2021 | 19/05/2021 | 5.66 | 197 | 11 | 8 | <0.1 | 5.27 |
| 15/03/2022 | 16/03/2022 | 23/03/2022 | 6.84 | 723 | 174 | <0.1 | <0.05 | <2 |
| 16/06/2022 | | | No Sample Taken | | | | | |
| 14/09/2022 | | | No Sample Taken | | | | | |
| 14/12/2022 | | | No Sample Taken | | | | | |
| 15/03/2023 | | | No Sample Taken | | | | | |
| 14/06/2023 | | | No Sample Taken | | | | | |
| 28/09/2023 | 29/09/2023 | 6/10/2023 | Unable to extract sample dry | | | | | |
| 13/12/2023 | 14/12/2023 | 29/12/2023 | Unable to extract sample dry | | | | | |