

2024 EPA Pollution Monitoring Data

CONDOBOLIN SEWAGE TREATMENT PLANT – EPA LICENCE NO. 4480
PREMISES: 301 GOLF LINKS ROAD, CONDOBOLIN NSW 2877

LICENSEE: LACHLAN SHIRE COUNCIL | PO Box 216, Condobolin NSW 2877



**LACHLAN SHIRE
COUNCIL**

Wiradjuri Country

2024 EPA POLLUTION MONITORING DATA

To view the full licence on the NSW EPA website, click here: [EPA Licence 4480](#)

MONITORING POINT 1

Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

| POINT 1 Discharge to Waters Effluent Quality (Monthly) | Date Sampled | | 16/01/2024 | 27/02/2024 | 19/03/2024 | 24/04/2024 | 21/05/2024 | | | | | | | |
|--------------------------------------------------------------|-----------------|------------------------------------------|------------|------------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|
| | Date Obtained | | 01/02/2024 | 06/03/2024 | 28/03/2024 | 03/05/2024 | 29/05/2024 | | | | | | | |
| | Date Published | | 27/02/2024 | 14/03/2024 | 18/04/2024 | 10/05/2024 | 18/06/2024 | | | | | | | |
| Pollutant | Unit of Measure | Limit 100 Percentile Concentration | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| BOD | mg/L | 20 | 11 | 7 | 9 | 9 | 12 | | | | | | | |
| Faecal Coliforms | Colony | 1500 | ~200 | ~<100 | ~<100 | ~1600 | <100 | | | | | | | |
| Total Nitrogen | mg/L | 40 | <0.05 | <0.05 | <0.05 | 0.41 | 1.00 | | | | | | | |
| Total Kjeldahl Nitrogen | mg/L | - | 3.5 | 3.2 | 3.1 | 2.7 | 4.3 | | | | | | | |
| Total Oil and Grease | mg/L | 10 | <2 | <2 | <2 | 3 | <2 | | | | | | | |
| pH | pH | 6.5 - 8.5 | 9.56 | 9.83 | 9.87 | 10.1 | 9.93 | | | | | | | |
| Total Phosphorus | mg/L | 10 | 1.95 | 1.15 | 1.16 | 1.83 | 1.76 | | | | | | | |
| Total Suspended Solids | mg/L | 30 | 57 | 55 | 80 | 87 | 58 | | | | | | | |

MONITORING POINT 5 & 6

Point 5 Location: Condobolin Sewage Treatment Plant – Reuse Irrigation at Condobolin Golf Course | **Point 6 Location:** Condobolin Sewage Treatment Plant – Reuse Irrigation at Condobolin Sewage Treatment Plant

| POINT 5 Discharge to Land Soil Quality (Yearly) | Date Sampled | | | |
|-------------------------------------------------------|-----------------|-------|----------|------------|
| | Date Obtained | | | |
| | Date Published | | | |
| Pollutant | Unit of Measure | Limit | 0 – 10cm | 90 - 100cm |
| Conductivity | µS/cm | - | | |
| Exchangeable Sodium % | % | - | | |
| Nitrate | mg/kg | - | | |
| Total Nitrogen | mg/kg | - | | |
| pH | pH | - | | |
| Total Phosphorus | mg/kg | - | | |
| Available Phosphorus | mg/kg | - | | |

| POINT 6 Discharge to Land Soil Quality (Yearly) | Date Sampled | | | |
|-------------------------------------------------------|-----------------|-------|----------|------------|
| | Date Obtained | | | |
| | Date Published | | | |
| Pollutant | Unit of Measure | Limit | 0 – 10cm | 90 - 100cm |
| Conductivity | µS/cm | - | | |
| Exchangeable Sodium % | % | - | | |
| Nitrate | mg/kg | - | | |
| Total Nitrogen | mg/kg | - | | |
| pH | pH | - | | |
| Total Phosphorus | mg/kg | - | | |
| Available Phosphorus | mg/kg | - | | |

2024 EPA POLLUTION MONITORING DATA

MONITORING POINT 1

Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

| POINT 1 Discharge Volume (Daily during any discharge) | Date Obtained | | 01/02/2024 | 01/03/2024 | 01/04/2024 | 01/05/2024 | 01/06/2024 | | | | | | | | |
|-------------------------------------------------------------|----------------|-----|------------|------------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|--|
| | Date Published | | 27/02/2024 | 14/03/2024 | 18/04/2024 | 10/05/2024 | 18/06/2024 | | | | | | | | |
| Unit of Measure | Limit | Day | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| Kilolitres per day | 4500 | 1 | 40 | 21 | 0 | 620 | 260 | | | | | | | | |
| | | 2 | 394 | 5 | 0 | 681 | 163 | | | | | | | | |
| | | 3 | 1290 | 32 | 26 | 509 | 351 | | | | | | | | |
| | | 4 | 1266 | 120 | 36 | 136 | 941 | | | | | | | | |
| | | 5 | 1238 | 18 | 0 | 562 | 1189 | | | | | | | | |
| | | 6 | 1211 | 0 | 0 | 1210 | 1186 | | | | | | | | |
| | | 7 | 1195 | 0 | 0 | 1251 | 1168 | | | | | | | | |
| | | 8 | 1215 | 0 | 0 | 0 | 1090 | | | | | | | | |
| | | 9 | 1225 | 1194 | 0 | 1137 | 975 | | | | | | | | |
| | | 10 | 0 | 1169 | 22 | 982 | 1087 | | | | | | | | |
| | | 11 | 1185 | 1046 | 76 | 892 | 1234 | | | | | | | | |
| | | 12 | 1075 | 1081 | 0 | 715 | 1305 | | | | | | | | |
| | | 13 | 878 | 740 | 2 | 772 | 1304 | | | | | | | | |
| | | 14 | 0 | 988 | 0 | 824 | 1292 | | | | | | | | |
| | | 15 | 735 | 1087 | 0 | 697 | 1280 | | | | | | | | |
| | | 16 | 0 | 1080 | 0 | 343 | 1266 | | | | | | | | |
| | | 17 | 1112 | 1011 | 22 | 185 | 1252 | | | | | | | | |
| | | 18 | 1190 | 1048 | 146 | 88 | 1232 | | | | | | | | |
| | | 19 | 1167 | 580 | 275 | 131 | 1208 | | | | | | | | |
| | | 20 | 1132 | 85 | 253 | 268 | 1186 | | | | | | | | |
| | | 21 | 1105 | 65 | 122 | 513 | 1174 | | | | | | | | |
| | | 22 | 903 | 170 | 270 | 638 | 1148 | | | | | | | | |
| | | 23 | 0 | 165 | 571 | 606 | 1059 | | | | | | | | |
| | | 24 | 784 | 181 | 697 | 590 | 991 | | | | | | | | |
| | | 25 | 740 | 512 | 730 | 586 | 923 | | | | | | | | |
| | | 26 | 868 | 587 | 745 | 419 | 886 | | | | | | | | |
| | | 27 | 855 | 199 | 678 | 482 | 811 | | | | | | | | |
| | | 28 | 829 | 28 | 620 | 546 | 760 | | | | | | | | |
| | | 29 | 501 | 0 | 602 | 608 | 741 | | | | | | | | |
| | | 30 | 197 | | 642 | 607 | 613 | | | | | | | | |
| | | 31 | 32 | | 612 | | 691 | | | | | | | | |

2024 EPA POLLUTION MONITORING DATA

MONITORING POINT 2

Location: Condobolin Golf Course – Discharge to Utilisation Area – Spray Irrigation

| POINT 2 Discharge Volume (Daily during any discharge) | Date Obtained | | 01/02/2024 | 01/03/2024 | 01/04/2024 | 01/05/2024 | 01/06/2024 | | | | | | | |
|-------------------------------------------------------------|----------------|-----|------------|------------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|
| | Date Published | | 27/02/2024 | 14/03/2024 | 18/04/2024 | 10/05/2024 | 18/06/2024 | | | | | | | |
| Unit of Measure | Limit | Day | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Kilolitres per day | 2000 | 1 | 185 | 403 | 384 | 0 | 1047 | | | | | | | |
| | | 2 | 185 | 397 | 0 | 3 | 173 | | | | | | | |
| | | 3 | 185 | 0 | 0 | 1403 | 0 | | | | | | | |
| | | 4 | 185 | 0 | 1048 | 545 | 0 | | | | | | | |
| | | 5 | 185 | 692 | 918 | 0 | 0 | | | | | | | |
| | | 6 | 185 | 0 | 825 | 0 | 0 | | | | | | | |
| | | 7 | 185 | 0 | 411 | 0 | 78 | | | | | | | |
| | | 8 | 185 | 0 | 214 | 0 | 0 | | | | | | | |
| | | 9 | 185 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 10 | 185 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 11 | 185 | 0 | 802 | 277 | 0 | | | | | | | |
| | | 12 | 185 | 795 | 1304 | 336 | 0 | | | | | | | |
| | | 13 | 185 | 314 | 1017 | 0 | 0 | | | | | | | |
| | | 14 | 185 | 0 | 313 | 0 | 0 | | | | | | | |
| | | 15 | 185 | 0 | 219 | 869 | 0 | | | | | | | |
| | | 16 | 185 | 0 | 0 | 961 | 0 | | | | | | | |
| | | 17 | 185 | 0 | 0 | 1127 | 0 | | | | | | | |
| | | 18 | 185 | 0 | 0 | 765 | 0 | | | | | | | |
| | | 19 | 185 | 1292 | 278 | 264 | 0 | | | | | | | |
| | | 20 | 185 | 849 | 1132 | 0 | 0 | | | | | | | |
| | | 21 | 185 | 154 | 269 | 0 | 0 | | | | | | | |
| | | 22 | 185 | 316 | 0 | 0 | 0 | | | | | | | |
| | | 23 | 185 | 346 | 0 | 210 | 0 | | | | | | | |
| | | 24 | 931 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 25 | 91 | 0 | 0 | 327 | 0 | | | | | | | |
| | | 26 | 0 | 404 | 0 | 487 | 0 | | | | | | | |
| | | 27 | 0 | 1166 | 361 | 0 | 299 | | | | | | | |
| | | 28 | 354 | 1025 | 417 | 0 | 353 | | | | | | | |
| | | 29 | 555 | 578 | 0 | 0 | 0 | | | | | | | |
| | | 30 | 1006 | | 0 | 602 | 0 | | | | | | | |
| | | 31 | 719 | | 0 | | 0 | | | | | | | |

2024 EPA POLLUTION MONITORING DATA

MONITORING POINT 3

Location: Condobolin Sewage Treatment Plant – Discharge to Utilisation Area – Spray Irrigation

| POINT 3 Discharge Volume (Daily during any discharge) | | Date Obtained | | 01/02/2024 | 01/03/2024 | 01/04/2024 | 01/05/2024 | 01/06/2024 | | | | | | |
|-------------------------------------------------------------|-------|----------------|-----|------------|------------|------------|------------|------------|-----|-----|-----|-----|-----|-----|
| | | Date Published | | 27/02/2024 | 14/03/2024 | 18/04/2024 | 10/05/2024 | 18/06/2024 | | | | | | |
| Unit of Measure | Limit | Day | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| Kilolitres per day | 150 | 1 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 2 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 3 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 4 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 5 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 6 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 7 | 15 | 0 | 9 | 0 | 0 | | | | | | | |
| | | 8 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 9 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 10 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 11 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 12 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 13 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 14 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 15 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 16 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 17 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 18 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 19 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 20 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 21 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 22 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 23 | 15 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 24 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 25 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 26 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 27 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 28 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 29 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | | 30 | 0 | | | 0 | 0 | | | | | | | |
| | | 31 | 0 | | | 0 | 0 | | | | | | | |

2024 EPA POLLUTION MONITORING DATA

MONITORING POINT 4

Location: Condobolin Sewage Treatment Plant – Influent

| POINT 4 Influent Volume (Daily during any discharge) | Date Obtained | | 01/02/2024 | 01/03/2024 | 01/04/2024 | 01/05/2024 | 01/06/2024 | | | | | | | | |
|------------------------------------------------------------|----------------|-----|------------|------------|------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|--|
| | Date Published | | 27/02/2024 | 14/03/2024 | 18/04/2024 | 10/05/2024 | 18/06/2024 | | | | | | | | |
| Unit of Measure | Limit | Day | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| Kilolitres per day | - | 1 | 700 | 714 | 658 | 700 | 716 | | | | | | | | |
| | | 2 | 1529 | 706 | 721 | 751 | 728 | | | | | | | | |
| | | 3 | 768 | 700 | 759 | 711 | 662 | | | | | | | | |
| | | 4 | 770 | 717 | 772 | 716 | 2530 | | | | | | | | |
| | | 5 | 749 | 419 | 737 | 2101 | 1021 | | | | | | | | |
| | | 6 | 789 | 304 | 750 | 1479 | 834 | | | | | | | | |
| | | 7 | 852 | 1257 | 731 | 965 | 844 | | | | | | | | |
| | | 8 | 2567 | 879 | 719 | 471 | 799 | | | | | | | | |
| | | 9 | 1115 | 880 | 724 | 773 | 823 | | | | | | | | |
| | | 10 | 893 | 844 | 760 | 796 | 1771 | | | | | | | | |
| | | 11 | 837 | 793 | 749 | 754 | 3755 | | | | | | | | |
| | | 12 | 563 | 818 | 722 | 805 | 1746 | | | | | | | | |
| | | 13 | 509 | 757 | 739 | 799 | 1288 | | | | | | | | |
| | | 14 | 807 | 779 | 701 | 791 | 1078 | | | | | | | | |
| | | 15 | 797 | 882 | 701 | 786 | 1000 | | | | | | | | |
| | | 16 | 1465 | 930 | 822 | 774 | 955 | | | | | | | | |
| | | 17 | 2659 | 857 | 781 | 803 | 894 | | | | | | | | |
| | | 18 | 1178 | 752 | 731 | 801 | 891 | | | | | | | | |
| | | 19 | 700 | 733 | 698 | 772 | 1209 | | | | | | | | |
| | | 20 | 1092 | 748 | 881 | 787 | 1060 | | | | | | | | |
| | | 21 | 838 | 748 | 727 | 811 | 844 | | | | | | | | |
| | | 22 | 824 | 735 | 684 | 771 | 1121 | | | | | | | | |
| | | 23 | 833 | 753 | 734 | 813 | 819 | | | | | | | | |
| | | 24 | 807 | 825 | 744 | 787 | 1052 | | | | | | | | |
| | | 25 | 799 | 752 | 711 | 682 | 758 | | | | | | | | |
| | | 26 | 907 | 714 | 742 | 1046 | 811 | | | | | | | | |
| | | 27 | 791 | 693 | 764 | 1523 | 984 | | | | | | | | |
| | | 28 | 736 | 701 | 714 | 731 | 752 | | | | | | | | |
| | | 29 | 735 | 692 | 723 | 737 | 767 | | | | | | | | |
| | | 30 | 715 | | 698 | 747 | 804 | | | | | | | | |
| | | 31 | 709 | | 681 | | 1466 | | | | | | | | |