

Live Kyneton Water Reclamation Plant Operating Licence Monitoring Data can now be found at www.coliban.com.au/kyneton-wrp-licence

February 2025 update – During February 2025, no flow was recorded in the Campaspe River at the Kyneton gauging station. In addition, there was no treated water released from the Kyneton WRP to the Campaspe River during February 2025. Low or no flow conditions also mean that there is insufficient water in the river for the instream water quality testing units to record accurate results. Therefore, there is no water quality update for February 2025. The next monthly water quality update will occur when there has been sufficient flow in the river to record accurate results.

Quality of treated water – January 2025

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E.Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
2 January 2025	No discharge events through the period							
9 January 2025								
16 January 2025								
23 January 2025								
30 January 2025								
Annual median	0.05	1	0	550	7.8	1	6.5	0.15

Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – December 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E.Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
5 December 2024	No discharge events through the period							
12 December 2024								
19 December 2024								
26 December 2024								

Annual median	0.05	1	0	560	7.8	1	6.5	0.15
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – November 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E.Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
7 November 2024	No discharge events through the period							
14 November 2024								
21 November 2024								
28 November 2024								

Annual median	0.05	1	0	550	7.8	1	6.5	0.15
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – October 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E.Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
3 October 2024	No discharge events through the period							
10 October 2024								
17 October 2024								
24 October 2024								
31 October 2024								

Annual median	0.05	1	0	550	7.8	1	6.5	0.15
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – September 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E.Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
5 September 2024	No discharge events through the period							
12 September 2024								
19 September 2024								
26 September 2024								

Annual median	0.05	1	0	550	7.9	1	6.9	0.15
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – August 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	<i>E. Coli</i> Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
1 August 2024	0.05	2	0	580	7.7	1	8.3	0.14
8 August 2024	0.1	1	0	610	7.9	1	6.4	0.15
15 August 2024	0.05	3	0	610	7.9	1	5	0.2
22 August 2024	0.05	6	0	470	7.8	1	8.2	0.09
29 August 2024	0.05	3	0	540	7.6	1	6.2	0.15

Blue background results are below detection limit for the parameters.
Results are displayed at half the detection limit (i.e. a result below a detection limit of <0.1 mg/L is shown as 0.05 mg/L)

Annual median	0.05	2	0	575	7.9	1	6.4	0.16
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – July 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E. Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
4 July 2024	0.05	1	0	543	8	1	6.5	0.07
11 July 2024	0.05	1	0	550	7.8	1	8.1	0.28
18 July 2024	0.4	2	0	560	7.8	2	7.1	0.18
25 July 2024	0.2	1	0	580	7.2	1	6.4	0.025

Blue background results are below detection limit for the parameters.

Annual median	0.05	2	0	575	7.9	1	6.5	0.18
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1

Quality of treated water – June 2024

Sample date	Ammonia-Nitrogen mg N/L	Biological Oxygen Demand mg/L	E. Coli Orgs/100mL	Electrical Conductivity µS/cm	pH Units	Suspended Solids mg/L	Total Nitrogen mg/L	Total Phosphorus mg P/L
6 June 2024	0.2	1	0	557	7.9	1	6.6	0.19
13 June 2024	0.05	1	0	514	7.8	1	6.1	0.12
20 June 2024	0.2	1	0	557	7.8	2	9	0.11
27 June 2024	0.05	1	0	600	8	2	6.5	0.1

Blue background results are below detection limit for the parameters.

Annual median	0.05	2	0	580	7.9	2	6.6	0.19
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Annual median is a rolling 12-month median for each parameter.

EPA licence limit	Median	-	5	100	1,700	-	10	10	0.4
	Minimum	-	-	-	-	6	-	-	-
	Maximum	1.4	20	400	3,200	9	-	15	1