

EPA Monitoring Data Report

EPL 3727
Culcairn Sewage Treatment Plant
Cemetery Road, Culcairn NSW 2660

Concentration Monitoring

Parameter			Biological Oxygen Demand (mg/L)	Conductivity (uS/cm)	Faecal Coliforms (CFU per 100mL)	E.Coli (CFU per 100mL)	Nitrogen (Total) (mg/L)	Oil and Grease (mg/L)	pH (pH)	Phosphorus (Total) (mg/L)	Total Suspended Solids (mg/L)	Chlorophyll A (ug/L)
Point 3 Licence Limit - 100 percentile			20	Not specified	Not specified	Not Specified	20	10	Not Specified	10	30	Not Specified
Date Sampled	Date Analysed	Date Results Reported										
7/05/2025	8/05/2025	20/05/2025	<5	1200	610	280	2.6	<2	9.1	6.2	14	20
5/02/2025	6/02/2025	18/02/2025	<5	1100	>2400	36	2.0	4	9.4	5.0	20	27
30/10/2024	31/10/2024	12/11/2024	<5	930	86	83	3.2	<2	9.8	2.3	22	41
7/08/2024	8/08/2024	30/08/2024	<5	960	160	160	7.6	<2	8.2	4.7	6	7
1/05/2024	2/05/2024	14/05/2024	10	1100	120	110	9.0	<2	8.1	6.8	19	13
14/02/2024	15/02/2024	29/02/2024	<5	990	1600		2.5	<2	9.2	4.7	32	79
1/11/2023	2/11/2023	16/11/2023	9	910	280		6.2	<2	8.7	4.9	26	11
26/07/2023	27/07/2023	7/08/2023	5	800	15		5.3	<2	8.0	5.4	4	<5
3/05/2023	4/05/2023	16/05/2023	6	570	310		4.7	<2	7.9	6.5	24	6
14/02/2023	15/02/2023	25/02/2023	<5	790	>2400		1.7	<2	10.0	2.6	20	19
9/11/2022	11/11/2022	22/11/2022	<5	660	<1		2.0	2.00	10.0	3.6	<1	7
2/08/2022	5/08/2022	15/08/2022	<5	820	<1		4.9	2.00	9.6	4.2	9	9
12/05/2022			<5	860	81		3.3	2.00	8.5	5.6	8	<5
16/02/2022			6	770	2		2.9	2.00	8.2	7.5	6	5
9/11/2021	10/11/2021	23/11/2021	<5	820	<1		1.3	<2	10.5	0.8	8	<5
4/08/2021	5/08/2021	16/08/2021	5	840	14		3.9	<2	8.6	4.5	2	7
4/05/2021	5/05/2021	17/05/2021	<5	1000	190		2.9	<2	8.3	5.0	11	14
10/02/2021	11/02/2021	24/02/2021	7	1100	24000		2.7	<2	8.5	6.6	11	11
11/11/2020	12/11/2020	24/11/2020	<5	870	150		1.1	<2	9.3	5.2	5	<5
4/08/2020	5/08/2020	14/08/2020	5	860	8		2.2	<2	9.1	5.3	6	5
Point 4,5,6,7,8 Licence Limit - 100 percentile			Not specified	1500	1000		20	Not specified	Not Specified	10	Not Specified	Not specified
4/03/2025	4/03/2025	11/03/2025	<2	1187	<1		2.51	NR	8.08	5	8	NR
12/11/2024	12/11/2024	21/11/2024	2	964.7	1		2.75	<5	9.49	1.8	8	NR
12/06/2024	12/06/2024	18/06/2024	<2	1099.00	<1		8.91	NR	8.08	5.6	4	NR
1/11/2023	1/11/2023	4/12/2023	<2	961.9	<1		6.22	NR	8.07	4.7	6	NR
14/02/2023	14/02/2023	21/02/2023	3	934.9	<1		2.60	NR	8.05	2.8	20	NR
26/04/2022	26/04/2022	5/05/2022	<2	1010.0	<1		4.13	NR	7.08	6.4	10	NR

Note: EPL 3727, Clause L2.5 - The Licensee is not taken to have exceeded a quality limit specified in this Licence for Biochemical Oxygen Demand, Total Suspended Solids or pH if:

- (a) Monitoring by the licensee shows that the level of chlorophyll-a in the maturation ponds during any exceedance was 100 ug/L or more (showing that the exceedance was caused by excessive algal growth);
- (b) the liquid waste entering the maturation ponds during the exceedance complies with the quality limit.