

EPA Monitoring Data Report

EPL 1804
Holbrook Sewage Treatment Plant
76 Millswood Road, Holbrook NSW 2644

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)	Sodium Absorption Ratio	Total Suspended Solids (mg/L)	Chlorophyll A (ug/L)
Point 1 Licence Limit - 100 percentile (as measured at Point 4)			20	Not Specified	1000	Not Specified	Not Specified	10	Not Specified	Not Specified	Not Specified	30	Not Specified
Date Sampled	Date Analysed	Date Results Reported											
7/05/2025	8/05/2025	20/05/2025	7	1100	>2400	>2400	27	<2	7.9	8.4	5.8	8	<5
5/02/2025	6/02/2025	18/02/2025	39	930	9800	3700	9.6	3	9.1	5.8	7.1	72	500
30/10/2024	31/10/2024	12/11/2024	9	1000	>24000	20000	20	<2	8.7	6.1	5.5	38	490
7/08/2024	8/08/2024	30/08/2024	9	1000	9800	6900	26	<2	8.1	5.4	5.2	10	6
1/05/2024	2/05/2024	14/05/2024	17	1100	>2400	2400	25	<2	7.8	7.7	5.5	24	24
14/02/2024	15/02/2024	29/02/2024	19	960	3100		10	2	9.6	3.5	6.6	69	380
1/11/2023	2/11/2023	16/11/2023	17	940	>2400		17	<2	9.4	4.1	6.3	58	260
26/07/2023	27/07/2023	7/08/2023	13	940	1100		18	<2	7.8	4.4	4.6	14	<5
3/05/2023	4/05/2023	16/05/2023	11	960	8200		16	<2	8.0	5.1	6.6	22	8
14/02/2023	15/02/2023	25/02/2023	45	870	>24000		10	<2	9.2	3.6	5.3	58	250
22/11/2022	11/11/2022	22/11/2022	6	720	7800		12	6	9.4	2.5	3.5	16	24
15/08/2022	5/08/2022	15/08/2022	19	940	7300		20	2	7.7	4.4	4.5	10	5
12/05/2022			12	1000	8100		15	2	8.0	5.6	4.8	4	5
16/02/2022			39	760	24000		11	2	9.7	3.0	5.1	56	370
9/11/2021	10/11/2021	23/11/2021	10	810	9800		13	<2	9.4	4.2	5.0	86	310
4/08/2021	5/08/2021	16/08/2021	12	710	24000		16	<2	7.8	3.2	3.3	30	96
4/05/2021	5/05/2021	17/05/2021	17	1000	3300		14	<2	8.0	5.4	5.6	7	12
10/02/2021	11/02/2021	24/02/2021	12	760	24000		6	<2	8.2	4.3	4.8	20	170
11/11/2020	12/11/2020	24/11/2020	25	760	20000		7.6	<2	9.1	5.5	6.5	40	340
4/08/2020	5/08/2020	14/08/2020	18	860	24000		17	<2	7.8	4.8	4.9	8	9

Note: EPL 1804, Clause L2.6 - 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.