

91 Adelaide Street BLAYNEY
NSW 2799
INFRASTRUCTURE SERVICES DEPARTMENT
Blayney Sewage Treatment Works - Licence Point Sampling

License Point No.

1

Period

2020 - 2021

Sampling Frequency

Monthly - when discharge occurs

Published Date

Date Sample Taken	Date Reported	Biochemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)	pH	Faecal Coliforms (units/100 mL)	Oil & Grease (mg/L)	Total Nitrogen (mg/L)	Total Phosphorous (mg/L)	Aluminium (mg/L)	Ammonia - N (mg/L)
		30	30	6.5-8.5	600	10	15	1	N/A	2
15/04/2020	29/04/2020	< 5	1	7.26	370	< 5	2.7	0.66	0.54	< 0.5
11/05/2020	25/05/2020	< 5	1	7.14	120	< 5	4	0.24	0.31	< 0.5
3/06/2020	18/06/2020	< 5	< 1	6.85	90	< 5	5.4	0.05	0.29	< 0.5
14/07/2020	30/07/2020	< 5	< 1	6.97	77	< 5	4.6	0.09	0.34	< 0.5
11/08/2020	24/08/2020	< 5	< 1	7.86	110	< 5	8.8	0.24	0.32	< 0.5
9/09/2020	24/09/2020	< 5	1	7.18	7	< 5	6.9	0.17	0.2	< 0.5
14/10/2020	27/10/2020	< 5	2	7.28	10	< 5	3.8	0.36	0.2	< 0.5
12/11/2020	24/11/2020	< 5	3	7.55	61	< 5	3	1.1	0.28	< 0.5
9/12/2020	21/12/2020	< 5	2	7.16	3	< 5	2.7	1.9	0.2	< 0.5
13/01/2021	27/01/2021	< 5	4	7.26	2	< 5	4.9	1.9	0.22	< 0.5
17/02/2021	2/03/2021	< 5	2	7.04	3	< 5	3.6	0.64	0.22	< 0.5
17/03/2021	30/03/2021	< 5	2	7.06	210	< 5	4.9	0.47	0.2	< 0.5

No of Samples Collected	12	12	12	12	12	12	12	12	12
Lowest Sample Value	< 5.00	1.00	6.85	2.00	< 5.00	< 2.70	0.05	0.20	< 0.50
Mean of Samples	5.00	1.75	7.22	88.58	5.00	4.61	0.65	0.28	0.50
Highest Sample Value	5.00	4.00	7.86	370.00	5.00	8.80	1.90	0.54	0.50


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License Point No.

2

Period

2020 - 2021

Sampling Frequency

Monthly

Published Date

Date Sample Taken	Date Reported	Biological Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)	pH	Faecal Coliforms (units/100 mL)	Oil & Grease (mg/L)	Total Nitrogen (mg/L)	Total Phosphorous (mg/L)	Aluminium (mg/L)	Ammonia - N (mg/L)
Approved Concentration Limit No limit or range defined in licence										
15/04/2020	29/04/2020	< 5	7	7.9	350	< 5	5.6	0.66	0.7	1
11/05/2020	25/05/2020	< 5	11	7.73	17	< 5	10	0.26	0.52	1.3
3/06/2020	18/06/2020	< 5	5	7.51	41	< 5	9.2	0.09	0.41	< 0.5
14/07/2020	30/07/2020	< 5	2	7.82	10	< 5	8.1	0.15	0.29	0.7
11/08/2020	24/08/2020	< 5	< 1	7.05	34	< 5	7.2	0.22	0.28	< 0.5
9/09/2020	24/09/2020	< 5	< 1	8.42	2	< 5	7.1	0.14	0.22	< 0.5
14/10/2020	27/10/2020	< 5	3	7.94	8	< 5	6.4	0.44	0.22	1.3
12/11/2020	24/11/2020	< 5	1	7.99	44	< 5	7.2	1.5	0.23	0.7
9/12/2020	21/12/2020	< 5	10	8.04	19	< 5	4.2	1.9	0.45	< 0.5
13/01/2021	27/01/2021	< 5	6	8.98	12	< 5	4.6	4.6	0.36	< 0.5
17/02/2021	2/03/2021	< 5	6	9.02	6	< 5	4.4	0.59	0.26	< 0.5
17/03/2021	30/03/2021	< 5	4	7.98	25	< 5	4.8	0.4	0.28	< 0.5

No of Samples Collected	12	12	12	12	12	12	12	12	12	12
Lowest Sample Value	< 5.00	1.00	7.05	2.00	< 5.00	< 4.20	0.09	0.22	< 0.50	
Mean of Samples	5.00	4.75	8.03	47.33	5.00	6.57	0.91	0.35	0.71	
Highest Sample Value	5.00	11.00	9.02	350.00	5.00	10.00	4.60	0.70	1.30	