

**Barter Enterprises Pty Limited**  
Hawthorne St, Beresfield NSW 2322  
EPL: 1329

Monthly Summary                      May-18  
Published                                      14/06/2018

Licence condition M2.2  
Discharge to waters effluent quality monitoring results  
EPA identification point no. 1

Date Sampled	Date obtained	Monitoring frequency	Pollutant	Units	Analysis result	100 percentile concentration limit	Exceedance (Y/N)
1/05/2018	12/06/2018	Fortnightly	Potential Hydrogen	pH	7.78	6.5 - 8.5	N
1/05/2018	12/06/2018	Fortnightly	Total Suspended Solids	mg/L	58	100	N
1/05/2018	12/06/2018	Fortnightly	Biochemical Oxygen Demand	mg/L	22	80	N
1/05/2018	12/06/2018	Fortnightly	Temperature	degrees Celsius	21	30	N
1/05/2018	12/06/2018	Fortnightly	Nitrogen Ammonia	mg/L	190	-	N
1/05/2018	12/06/2018	Fortnightly	Total Nitrogen	mg/L	206	-	N
1/05/2018	12/06/2018	Fortnightly	Total Phosphorus	mg/L	41.9	-	N
15/05/2018	12/06/2018	Fortnightly	Potential Hydrogen	pH	7.99	6.5 - 8.5	N
15/05/2018	12/06/2018	Fortnightly	Total Suspended Solids	mg/L	135	100	Y
15/05/2018	12/06/2018	Fortnightly	Biochemical Oxygen Demand	mg/L	40	80	N
15/05/2018	12/06/2018	Fortnightly	Temperature	degrees Celsius	21	30	N
15/05/2018	12/06/2018	Fortnightly	Nitrogen Ammonia	mg/L	219	-	N
15/05/2018	12/06/2018	Fortnightly	Total Nitrogen	mg/L	220	-	N
15/05/2018	12/06/2018	Fortnightly	Total Phosphorus	mg/L	40.6	-	N
29/05/2018	12/06/2018	Fortnightly	Potential Hydrogen	pH	7.83	6.5 - 8.5	N
29/05/2018	12/06/2018	Fortnightly	Total Suspended Solids	mg/L	28	100	N
29/05/2018	12/06/2018	Fortnightly	Biochemical Oxygen Demand	mg/L	34	80	N
29/05/2018	12/06/2018	Fortnightly	Temperature	degrees Celsius	19	30	N
29/05/2018	12/06/2018	Fortnightly	Nitrogen Ammonia	mg/L	211	-	N
29/05/2018	12/06/2018	Fortnightly	Total Nitrogen	mg/L	209	-	N
29/05/2018	12/06/2018	Fortnightly	Total Phosphorus	mg/L	48.4	-	N

L3 - Load limits

Pollutant	Units of measure	50 Percentile concentration limit	90 Percentile concentration limit	100 Percentile concentration limit
BOD	milligrams per litre	40	60	80
pH	pH			6.5 - 8.5
Temperature	degrees Celsius			30
TSS	milligrams per litre	50	90	100

Summary of results during reporting period 31 May 2017 - 30 May 2018

	pH	TSS mg/L	BOD mg/L	Nitrogen Ammonia	Total Nitrogen	Total Phosphorus	Temperature
Lowest Sample Value	7.56	20	20	147	159	40.5	12
Mean Sample Value	7.85	53	34	185	198	33.2	21
50 Percentile concentration	-	54	34	-	-	-	-
90 percentile concentration	-	66	42	-	-	-	-
Highest Sample Value	7.99	135	53	221	260	48.4	28

Licence condition M6.1

Daily discharge flows to water

EPA identification point no. 1

Date	Monitoring frequency	Discharge (ML/day)	Volume/Mass limit (ML/day)	Exceedance (Y/N)
1/05/2018	Continuous	1947.73	2300	N
2/05/2018	Continuous	2483.59	2300	Y
3/05/2018	Continuous	2707.04	2300	Y
4/05/2018	Continuous	2813.32	2300	Y
5/05/2018	Continuous	2770.2	2300	Y
6/05/2018	Continuous	3189.83	2300	Y
7/05/2018	Continuous	2274.79	2300	N
8/05/2018	Continuous	2275.87	2300	N
9/05/2018	Continuous	2280	2300	N
10/05/2018	Continuous	2473.15	2300	Y
11/05/2018	Continuous	2078.48	2300	N
12/05/2018	Continuous	2739.57	2300	Y
13/05/2018	Continuous	1940.41	2300	N
14/05/2018	Continuous	2030.73	2300	N
15/05/2018	Continuous	2008.93	2300	N
16/05/2018	Continuous	2601.94	2300	Y
17/05/2018	Continuous	2710.35	2300	Y
18/05/2018	Continuous	2738.25	2300	Y
19/05/2018	Continuous	2774.78	2300	Y
20/05/2018	Continuous	2259.12	2300	N
21/05/2018	Continuous	1887.64	2300	N
22/05/2018	Continuous	1900.51	2300	N
23/05/2018	Continuous	2023.88	2300	N
24/05/2018	Continuous	2864.92	2300	Y
25/05/2018	Continuous	2991.24	2300	Y
26/05/2018	Continuous	2613.16	2300	Y
27/05/2018	Continuous	2495.53	2300	Y
28/05/2018	Continuous	1927.9	2300	N
29/05/2018	Continuous	2136.52	2300	N
30/05/2018	Continuous	2151.44	2300	N
31/05/2018	Continuous	1955.28	2300	N