

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

Monthly Summary May-20
Published 4/06/2020

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)
12/05/2020	4/06/2020	Fortnightly	Potential Hydrogen	pH	7.81	6.5 - 8.5	N
12/05/2020	4/06/2020	Fortnightly	Total Suspended Solids	mg/L	73	100	N
12/05/2020	4/06/2020	Fortnightly	Biochemical Oxygen Demand	mg/L	65	80	N
12/05/2020	4/06/2020	Fortnightly	Temperature	degrees Celsius	13	30	N
12/05/2020	4/06/2020	Fortnightly	Nitrogen Ammonia	mg/L	171	-	N
12/05/2020	4/06/2020	Fortnightly	Total Nitrogen	mg/L	171	-	N
12/05/2020	4/06/2020	Fortnightly	Total Phosphorus	mg/L	40.7	-	N
26/05/2020	4/06/2020	Fortnightly	Potential Hydrogen	pH	7.79	6.5 - 8.5	N
26/05/2020	4/06/2020	Fortnightly	Total Suspended Solids	mg/L	71	100	N
26/05/2020	4/06/2020	Fortnightly	Biochemical Oxygen Demand	mg/L	42	80	N
26/05/2020	4/06/2020	Fortnightly	Temperature	degrees Celsius	16	30	N
26/05/2020	4/06/2020	Fortnightly	Nitrogen Ammonia	mg/L	162	-	N
26/05/2020	4/06/2020	Fortnightly	Total Nitrogen	mg/L	181	-	N
26/05/2020	4/06/2020	Fortnightly	Total Phosphorus	mg/L	34.9	-	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 2019 - 30 May 2020

	pH	TSS mg/L	BOD mg/L	Nitrogen Ammonia	Total Nitrogen	Total Phosphorus	Temperature
Lowest Sample Value	7.57	48	17	141	156	2.22	10
Mean Sample Value	7.78	96	53	178	195	35.2	19
50 Percentile concentration	-	99	46	-	-	-	-
90 percentile concentration	-	129	71	-	-	-	-
Highest Sample Value	8.03	160	175	215	246	45.4	26

Licence condition M6.1
Daily discharge flows to water
EPA identification point no. 1

Date	Monitoring frequency	Discharge (kL/day)	Volume/Mass limit (kL/day)	Exceedance (Y/N)
1/05/2020	Continuous	1899.99	2300	N
2/05/2020	Continuous	1953.24	2300	N
3/05/2020	Continuous	1957	2300	N
4/05/2020	Continuous	2012.2	2300	N
5/05/2020	Continuous	2010.24	2300	N
6/05/2020	Continuous	2037.9	2300	N
7/05/2020	Continuous	2066.85	2300	N
8/05/2020	Continuous	1994.79	2300	N
9/05/2020	Continuous	2035.54	2300	N
10/05/2020	Continuous	1933.15	2300	N
11/05/2020	Continuous	1852.9	2300	N
12/05/2020	Continuous	1919.13	2300	N
13/05/2020	Continuous	1981.53	2300	N
14/05/2020	Continuous	1901.89	2300	N
15/05/2020	Continuous	1921.92	2300	N
16/05/2020	Continuous	1947.44	2300	N
17/05/2020	Continuous	1906.41	2300	N
18/05/2020	Continuous	1859.21	2300	N
19/05/2020	Continuous	1871.87	2300	N
20/05/2020	Continuous	1868.74	2300	N
21/05/2020	Continuous	1867.57	2300	N
22/05/2020	Continuous	1968.57	2300	N
23/05/2020	Continuous	1980.26	2300	N
24/05/2020	Continuous	2014.25	2300	N
25/05/2020	Continuous	1996.18	2300	N
26/05/2020	Continuous	1969.51	2300	N
27/05/2020	Continuous	1880.75	2300	N
28/05/2020	Continuous	1920.54	2300	N
29/05/2020	Continuous	1906.94	2300	N
30/05/2020	Continuous	1922.91	2300	N
31/05/2020	Continuous	1918.43	2300	N