

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

Monthly Summary                      May, 2016  
Published                                    18/08/2016

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)
10/05/2016	7/06/2016	Fortnightly	Potential Hydrogen	pH	7.88	6.5 - 8.5	N
10/05/2016	7/06/2016	Fortnightly	Total Suspended Solids	mg/L	99	100	N
10/05/2016	7/06/2016	Fortnightly	Biochemical Oxygen Demand	mg/L	12	80	N
10/05/2016	7/06/2016	Fortnightly	Temperature	degrees Celsius	18	30	N
10/05/2016	7/06/2016	Fortnightly	Nitrogen Ammonia	mg/L	184	-	N
10/05/2016	7/06/2016	Fortnightly	Total Nitrogen	mg/L	186	-	N
10/05/2016	7/06/2016	Fortnightly	Total Phosphorus	mg/L	35.9	-	N
24/05/2016	7/06/2016	Fortnightly	Potential Hydrogen	PH	7.81	6.5 - 8.5	N
24/05/2016	7/06/2016	Fortnightly	Total Suspended Solids	mg/L	22	100	N
24/05/2016	7/06/2016	Fortnightly	Biochemical Oxygen Demand	mg/L	21	80	N
24/05/2016	7/06/2016	Fortnightly	Temperature	degrees Celsius	15	30	N
24/05/2016	7/06/2016	Fortnightly	Nitrogen Ammonia	mg/L	167	-	N
24/05/2016	7/06/2016	Fortnightly	Total Nitrogen	mg/L	184	-	N
24/05/2016	7/06/2016	Fortnightly	Total Phosphorus	mg/L	39	-	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 2015 - 30 May 2016

	pH	TSS mg/L	BOD mg/L	Nitrogen Ammonia	Total Nitrogen	Total Phosphorus	Temperature
Lowest Sample Value	7.41	21	7	137	163	34.6	10
Mean Sample Value	7.90	48	33	175	191	40.3	20
50 Percentile concentration	-	41	34	-	-	-	-
90 percentile concentration	-	80	48	-	-	-	-
Highest Sample Value	8.04	99	58	207	222	56.2	27

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)
1/05/2016	Continuous	2098.75	2300	N
2/05/2016	Continuous	2145.03	2300	N
3/05/2016	Continuous	2230.63	2300	N
4/05/2016	Continuous	2206.21	2300	N
5/05/2016	Continuous	2147.8	2300	N
6/05/2016	Continuous	2136.92	2300	N
7/05/2016	Continuous	2207.31	2300	N
8/05/2016	Continuous	1951.43	2300	N
9/05/2016	Continuous	2250.93	2300	N
10/05/2016	Continuous	2165.11	2300	N
11/05/2016	Continuous	2228.92	2300	N
12/05/2016	Continuous	2129.86	2300	N
13/05/2016	Continuous	2119.73	2300	N
14/05/2016	Continuous	2152	2300	N
15/05/2016	Continuous	2210.14	2300	N
16/05/2016	Continuous	2190.42	2300	N
17/05/2016	Continuous	2178.58	2300	N
18/05/2016	Continuous	2244.92	2300	N
19/05/2016	Continuous	2221.07	2300	N
20/05/2016	Continuous	2208.6	2300	N
21/05/2016	Continuous	2199.67	2300	N
22/05/2016	Continuous	2158.08	2300	N
23/05/2016	Continuous	2112.64	2300	N
24/05/2016	Continuous	2288.32	2300	N
25/05/2016	Continuous	2184.58	2300	N
26/05/2016	Continuous	2190.69	2300	N
27/05/2016	Continuous	2189.08	2300	N
28/05/2016	Continuous	2217.76	2300	N
29/05/2016	Continuous	2250.13	2300	N
30/05/2016	Continuous	2097.54	2300	N
31/05/2016	Continuous	2157.54	2300	N