

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

Monthly Summary May, 2015
Published 12/06/2015

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)
12/05/2015	5/06/2015	Fortnightly	Potential Hydrogen	pH	7.83	6.5 - 8.5	N
12/05/2015	5/06/2015	Fortnightly	Total Suspended Solids	mg/L	33	100	N
12/05/2015	5/06/2015	Fortnightly	Biochemical Oxygen Demand	mg/L	9	80	N
12/05/2015	5/06/2015	Fortnightly	Temperature	degrees Celsius	14	30	N
12/05/2015	5/06/2015	Fortnightly	Nitrogen Ammonia	mg/L	146	-	N
12/05/2015	5/06/2015	Fortnightly	Total Nitrogen	mg/L	156	-	N
12/05/2015	5/06/2015	Fortnightly	Total Phosphorus	mg/L	37.4	-	N
26/05/2015	5/06/2015	Fortnightly	Potential Hydrogen	PH	7.76	6.5 - 8.5	N
26/05/2015	5/06/2015	Fortnightly	Total Suspended Solids	mg/L	25	100	N
26/05/2015	5/06/2015	Fortnightly	Biochemical Oxygen Demand	mg/L	6	80	N
26/05/2015	5/06/2015	Fortnightly	Temperature	degrees Celsius	15	30	N
26/05/2015	5/06/2015	Fortnightly	Nitrogen Ammonia	mg/L	153	-	N
26/05/2015	5/06/2015	Fortnightly	Total Nitrogen	mg/L	156	-	N
26/05/2015	5/06/2015	Fortnightly	Total Phosphorus	mg/L	33.5	-	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 2014 - 30 May 2015

	pH	TSS mg/L	BOD mg/L	Nitrogen Ammonia	Total Nitrogen	Total Phosphorus	Temperature
Lowest Sample Value	6.6	18	3	95.7	107	26.7	10
Mean Sample Value	7.8	38.3	12	130.3	144.9	35.7	19.9
50 Percentile concentration	-	36.5	13	-	-	-	-
90 percentile concentration	-	59.9	18	-	-	-	-
Highest Sample Value	8.1	66	33	160	178	43	28

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)
1/05/2015	Continuous	2160.06	2300	N
2/05/2015	Continuous	2175.87	2300	N
3/05/2015	Continuous	2229.64	2300	N
4/05/2015	Continuous	2031.63	2300	N
5/05/2015	Continuous	2192.92	2300	N
6/05/2015	Continuous	2226.27	2300	N
7/05/2015	Continuous	2214.78	2300	N
8/05/2015	Continuous	2122.36	2300	N
9/05/2015	Continuous	2229.48	2300	N
10/05/2015	Continuous	2259.09	2300	N
11/05/2015	Continuous	2240.34	2300	N
12/05/2015	Continuous	2143.29	2300	N
13/05/2015	Continuous	2223.58	2300	N
14/05/2015	Continuous	2232.23	2300	N
15/05/2015	Continuous	2247.31	2300	N
16/05/2015	Continuous	2189.56	2300	N
17/05/2015	Continuous	2230.78	2300	N
18/05/2015	Continuous	2186.34	2300	N
19/05/2015	Continuous	2105.22	2300	N
20/05/2015	Continuous	2245.58	2300	N
21/05/2015	Continuous	2192.23	2300	N
22/05/2015	Continuous	2226.73	2300	N
23/05/2015	Continuous	2199.87	2300	N
24/05/2015	Continuous	2251.53	2300	N
25/05/2015	Continuous	2214.61	2300	N
26/05/2015	Continuous	2196.17	2300	N
27/05/2015	Continuous	2286.81	2300	N
28/05/2015	Continuous	2202.41	2300	N
29/05/2015	Continuous	1992.16	2300	N
30/05/2015	Continuous	2221.39	2300	N
31/05/2015	Continuous	2258.22	2300	N