

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

Monthly Summary May, 2014
Published 11/06/2014

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)
13/05/2014	6/06/2014	Fortnightly	Potential Hydrogen	pH	7.87	6.5 - 8.5	N
13/05/2014	6/06/2014	Fortnightly	Total Suspended Solids	mg/L	24	100	N
13/05/2014	6/06/2014	Fortnightly	Biochemical Oxygen Demand	mg/L	18	80	N
13/05/2014	6/06/2014	Fortnightly	Temperature	degrees Celsius	18	30	N
13/05/2014	6/06/2014	Fortnightly	Nitrogen Ammonia	mg/L	113	-	N
13/05/2014	6/06/2014	Fortnightly	Total Nitrogen	mg/L	131	-	N
13/05/2014	6/06/2014	Fortnightly	Total Phosphorus	mg/L	32.1	-	N
27/05/2014	6/06/2014	Fortnightly	Potential Hydrogen	PH	7.8	6.5 - 8.5	N
27/05/2014	6/06/2014	Fortnightly	Total Suspended Solids	mg/L	27	100	N
27/05/2014	6/06/2014	Fortnightly	Biochemical Oxygen Demand	mg/L	7	80	N
27/05/2014	6/06/2014	Fortnightly	Temperature	degrees Celsius	18	30	N
27/05/2014	6/06/2014	Fortnightly	Nitrogen Ammonia	mg/L	105	-	N
27/05/2014	6/06/2014	Fortnightly	Total Nitrogen	mg/L	142	-	N
27/05/2014	6/06/2014	Fortnightly	Total Phosphorus	mg/L	33.3	-	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 2013 - 30 May 2014

	pH	TSS mg/L	BOD mg/L	Nitrogen Ammonia	Total Nitrogen	Total Phosphorus	Temperature
Lowest Sample Value	7.3	12	2	93.4	123	24.1	12
Mean Sample Value	7.8	34.4	19	122.2	149.8	34.9	20.5
50 Percentile concentration	-	30	16.5	-	-	-	-
90 percentile concentration	-	54.5	35	-	-	-	-
Highest Sample Value	8.0	74	40	165	324	71.6	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)
1/05/2014	Continuous	2263.60	2300	N
2/05/2014	Continuous	2237.62	2300	N
3/05/2014	Continuous	2229.87	2300	N
4/05/2014	Continuous	2225.49	2300	N
5/05/2014	Continuous	2178.58	2300	N
6/05/2014	Continuous	2206.66	2300	N
7/05/2014	Continuous	2265.65	2300	N
8/05/2014	Continuous	2194.34	2300	N
9/05/2014	Continuous	2209.18	2300	N
10/05/2014	Continuous	2224.49	2300	N
11/05/2014	Continuous	2259.47	2300	N
12/05/2014	Continuous	2095.31	2300	N
13/05/2014	Continuous	2222.69	2300	N
14/05/2014	Continuous	2191.29	2300	N
15/05/2014	Continuous	2198.44	2300	N
16/05/2014	Continuous	2211.07	2300	N
17/05/2014	Continuous	2189.90	2300	N
18/05/2014	Continuous	2175.14	2300	N
19/05/2014	Continuous	2167.54	2300	N
20/05/2014	Continuous	2243.53	2300	N
21/05/2014	Continuous	2238.17	2300	N
22/05/2014	Continuous	2250.46	2300	N
23/05/2014	Continuous	2168.35	2300	N
24/05/2014	Continuous	2192.94	2300	N
25/05/2014	Continuous	2221.28	2300	N
26/05/2014	Continuous	2187.48	2300	N
27/05/2014	Continuous	2220.91	2300	N
28/05/2014	Continuous	2201.14	2300	N
29/05/2014	Continuous	2225.62	2300	N
30/05/2014	Continuous	2198.38	2300	N
31/05/2014	Continuous	2132.95	2300	N