

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

Monthly Summary Jul-17  
Published 22/08/2017

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) |
|--------------|---------------|----------------------|---------------------------|-----------------|-----------------|------------------------------------|------------------|
| 4/08/2017    | 15/08/2017    | Fortnightly          | Potential Hydrogen        | pH              | 7.84            | 6.5 - 8.5                          | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Total Suspended Solids    | mg/L            | 20              | 100                                | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Biochemical Oxygen Demand | mg/L            | 20              | 80                                 | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Temperature               | degrees Celsius | 12              | 30                                 | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Nitrogen Ammonia          | mg/L            | 165             | -                                  | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Total Nitrogen            | mg/L            | 159             | -                                  | N                |
| 4/08/2017    | 15/08/2017    | Fortnightly          | Total Phosphorus          | mg/L            | 33.2            | -                                  | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Potential Hydrogen        | PH              | 7.89            | 6.5 - 8.5                          | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Total Suspended Solids    | mg/L            | 32              | 100                                | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Biochemical Oxygen Demand | mg/L            | 31              | 80                                 | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Temperature               | degrees Celsius | 13              | 30                                 | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Nitrogen Ammonia          | mg/L            | 157             | -                                  | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Total Nitrogen            | mg/L            | 260             | -                                  | N                |
| 18/08/2017   | 15/08/2017    | Fortnightly          | Total Phosphorus          | mg/L            | 34.8            | -                                  | N                |

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) |  |  |
|------------|----------------------|--------------------|----------------------------|------------------|--|--|
| 1/07/2017  | Continuous           | 2297.85            | 2300                       | N                |  |  |
| 2/07/2017  | Continuous           | 2298.52            | 2300                       | N                |  |  |
| 3/07/2017  | Continuous           | 2243.51            | 2300                       | N                |  |  |
| 4/07/2017  | Continuous           | 2241.37            | 2300                       | N                |  |  |
| 5/07/2017  | Continuous           | 2238.3             | 2300                       | N                |  |  |
| 6/07/2017  | Continuous           | 2232.98            | 2300                       | N                |  |  |
| 7/07/2017  | Continuous           | 2241.35            | 2300                       | N                |  |  |
| 8/07/2017  | Continuous           | 2292.72            | 2300                       | N                |  |  |
| 9/07/2017  | Continuous           | 2295.09            | 2300                       | N                |  |  |
| 10/07/2017 | Continuous           | 2236.96            | 2300                       | N                |  |  |
| 11/07/2017 | Continuous           | 2294.35            | 2300                       | N                |  |  |
| 12/07/2017 | Continuous           | 2213.15            | 2300                       | N                |  |  |
| 13/07/2017 | Continuous           | 2276.17            | 2300                       | N                |  |  |
| 14/07/2017 | Continuous           | 2298.27            | 2300                       | N                |  |  |
| 15/07/2017 | Continuous           | 2295.98            | 2300                       | N                |  |  |
| 16/07/2017 | Continuous           | 2298.86            | 2300                       | N                |  |  |
| 17/07/2017 | Continuous           | 2285.34            | 2300                       | N                |  |  |
| 18/07/2017 | Continuous           | 2293.73            | 2300                       | N                |  |  |
| 19/07/2017 | Continuous           | 2224.08            | 2300                       | N                |  |  |
| 20/07/2017 | Continuous           | 2261.28            | 2300                       | N                |  |  |
| 21/07/2017 | Continuous           | 2233.83            | 2300                       | N                |  |  |
| 22/07/2017 | Continuous           | 2298.29            | 2300                       | N                |  |  |
| 23/07/2017 | Continuous           | 2295.24            | 2300                       | N                |  |  |
| 24/07/2017 | Continuous           | 2211.23            | 2300                       | N                |  |  |
| 25/07/2017 | Continuous           | 2297.84            | 2300                       | N                |  |  |
| 26/07/2017 | Continuous           | 2295.64            | 2300                       | N                |  |  |
| 27/07/2017 | Continuous           | 2284.82            | 2300                       | N                |  |  |
| 28/07/2017 | Continuous           | 2290.53            | 2300                       | N                |  |  |
| 29/07/2017 | Continuous           | 2296.71            | 2300                       | N                |  |  |
| 30/07/2017 | Continuous           | 2298.33            | 2300                       | N                |  |  |
| 31/07/2017 | Continuous           | 2189.6             | 2300                       | N                |  |  |