

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

Monthly Summary      July, 2013  
Published                      12/08/2013

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) |
|--------------|---------------|----------------------|---------------------------|-----------------|-----------------|------------------------------------|------------------|
| 10/07/2013   | 1/08/2013     | Fortnightly          | Potential Hydrogen        | pH              | 7.5             | 6.5 - 8.5                          | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Total Suspended Solids    | mg/L            | 17              | 100                                | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Biochemical Oxygen Demand | mg/L            | <2              | 80                                 | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Temperature               | degrees Celsius | 13              | 30                                 | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Nitrogen Ammonia          | mg/L            | 132             | -                                  | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Total Nitrogen            | mg/L            | 143             | -                                  | N                |
| 10/07/2013   | 1/08/2013     | Fortnightly          | Total Phosphorus          | mg/L            | 25.2            | -                                  | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Potential Hydrogen        | PH              | 7.8             | 6.5 - 8.5                          | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Total Suspended Solids    | mg/L            | 12              | 100                                | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Biochemical Oxygen Demand | mg/L            | 8               | 80                                 | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Temperature               | degrees Celsius | 13              | 30                                 | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Nitrogen Ammonia          | mg/L            | 151             | -                                  | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Total Nitrogen            | mg/L            | 324             | -                                  | N                |
| 24/07/2013   | 1/08/2013     | Fortnightly          | Total Phosphorus          | mg/L            | 71.6            | -                                  | 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) |                                  |
|------------|----------------------|--------------------|----------------------------|------------------|----------------------------------|
| 1/07/2013  | Continuous           | 2368.48            | 2300                       | Y                | Excessive Rainfall               |
| 2/07/2013  | Continuous           | 4830.2             | 2300                       | Y                | Excessive Rainfall               |
| 3/07/2013  | Continuous           | 2234.82            | 2300                       | N                |                                  |
| 4/07/2013  | Continuous           | 2250               | 2300                       | N                |                                  |
| 5/07/2013  | Continuous           | 2299.67            | 2300                       | N                |                                  |
| 6/07/2013  | Continuous           | 2258.89            | 2300                       | N                |                                  |
| 7/07/2013  | Continuous           | 2238.84            | 2300                       | N                |                                  |
| 8/07/2013  | Continuous           | 2297.84            | 2300                       | N                |                                  |
| 9/07/2013  | Continuous           | 2297.92            | 2300                       | N                |                                  |
| 10/07/2013 | Continuous           | 2284.17            | 2300                       | N                |                                  |
| 11/07/2013 | Continuous           | 2279.28            | 2300                       | N                |                                  |
| 12/07/2013 | Continuous           | 2271.5             | 2300                       | N                |                                  |
| 13/07/2013 | Continuous           | 2239.76            | 2300                       | N                |                                  |
| 14/07/2013 | Continuous           | 2271.65            | 2300                       | N                |                                  |
| 15/07/2013 | Continuous           | 2264.77            | 2300                       | N                |                                  |
| 16/07/2013 | Continuous           | 2548.88            | 2300                       | Y                | Continuing effects from rainfall |
| 17/07/2013 | Continuous           | 2245.66            | 2300                       | N                |                                  |
| 18/07/2013 | Continuous           | 2481.4             | 2300                       | Y                | Continuing effects from rainfall |
| 19/07/2013 | Continuous           | 3656.42            | 2300                       | Y                | Continuing effects from rainfall |
| 20/07/2013 | Continuous           | 6804.45            | 2300                       | Y                | Continuing effects from rainfall |
| 21/07/2013 | Continuous           | 2230.81            | 2300                       | N                |                                  |
| 22/07/2013 | Continuous           | 2274.31            | 2300                       | N                |                                  |
| 23/07/2013 | Continuous           | 2276.84            | 2300                       | N                |                                  |
| 24/07/2013 | Continuous           | 2264.11            | 2300                       | N                |                                  |
| 25/07/2013 | Continuous           | 2294.01            | 2300                       | N                |                                  |
| 26/07/2013 | Continuous           | 2244.75            | 2300                       | N                |                                  |
| 27/07/2013 | Continuous           | 2276.97            | 2300                       | N                |                                  |
| 28/07/2013 | Continuous           | 2264.7             | 2300                       | N                |                                  |
| 29/07/2013 | Continuous           | 2290.25            | 2300                       | N                |                                  |
| 30/07/2013 | Continuous           | 2296.55            | 2300                       | N                |                                  |
| 31/07/2013 | Continuous           | 2255.2             | 2300                       | N                |                                  |