POLLUTION MONITORING DATA CULCAIRN SEWAGE TREATMENT WORKS



Environment Protection Licence No.: 3727

Link to full licence on EPA website:

 $\underline{http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31793\&SYSUID=1\&LICID=3727\\$

Licensee: Greater Hume Shire Council, PO Box 99 Holbrook NSW 2644

Address of facility: Cemetery Road, Culcairn NSW 2660

Monitoring Point 2

Location: Flow meter at the inlet to Sewage Treatment Plant

Published: 12 Sept 2012 Obtained: 31 Aug 2012

Sampled: From 1 July 2012 to 31 Aug 2012

| ltem | Unit | Frequency | Lowest result | Mean result | Max result | Volume limit | Exceedence (yes/no) | Comments |
|------------|--------|-----------|---------------|-------------|------------|-----------------|---------------------|----------|
| Daily flow | kl/day | Daily | 223 | 240 | 317 | 550 | no | |

Monitoring Point 3

 $\textbf{Location:} \ \mathsf{Sampling} \ \mathsf{point} \ \mathsf{prior} \ \mathsf{to} \ \mathsf{discharge} \ \mathsf{from} \ \mathsf{effluent} \ \mathsf{pond} \ \mathsf{2}$

Published: 12 Sept 2012 Obtained: 31 Aug 2012 Sampled: 15 Aug 2012

| Pollutant | Unit | Frequency | Measurement | 100 percentile limit | Exceedence (yes/no) | Comments |
|------------------------|-----------|-----------|-------------|-------------------------|------------------------|----------|
| Biochemical oxygen | | | | | | |
| demand | mg/l | Quarterly | <5 | 20 | no | |
| Chlorophyll-a | ug/L | Quarterly | 4.4 | | | |
| Conductivity | ms/cm | Quarterly | 860 | | | |
| Faecal Coliforms | cfu/100ml | Quarterly | 2 | | no | |
| Nitrogen (total) | mg/l | Quarterly | 7.9 | 20 | no | |
| Oil and Grease | mg/l | Quarterly | <2 | 10 | no | |
| рН | | Quarterly | 7.8 | | | |
| Phosphorus (total) | mg/l | Quarterly | 4.4 | 10 | no | |
| Total suspended solids | mg/l | Quarterly | 11 | 30 | no | |