

**To:**

Richard Robinson / Lou Grozdanovski  
Oberon Council  
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NSW 2787

**From:**

Kim Smith  
Customer Liaison Officer  
ALS Water  
Telephone: (02) 4014 2531

Order Number: 50802

No. of Pages: 2

| <i>Sample ID</i> | <i>Date</i> | <i>Time</i> | <i>Description</i>           |
|------------------|-------------|-------------|------------------------------|
| H1607764         | 7/03/2016   | 10:00 AM    | Ex-Pond Works Discharge EMP6 |

| <i>Analysis</i>         | <i>Method / Category</i>            | <i>Result</i> | <i>Unit</i> |
|-------------------------|-------------------------------------|---------------|-------------|
| Ammonia                 | APHA (2012) 4500 - NH3 H (Ammonia)  | 8.9           | mg/L N      |
| BOD5 - Total            | APHA (2012) 5210 B (BOD5)           | 2             | mg/L        |
| Chlorophyll_a           | APHA (2012) 10200 H (Chlorophyll_a) | 4.1           | ug/L        |
| pH                      | APHA (2012) 4500-H+ B (pH)          | 7.3           | -           |
| Suspended Solids        | Inhouse 4 (Suspended Solids)        | <1            | mg/L        |
| Total Kjeldahl Nitrogen | Inhouse 6 (TKN)                     | 14.5          | mg/L N      |
| Total Oil and Grease    | APHA (2012) 5520 D (Grease)         | <2            | mg/L        |
| Total Oxidised Nitrogen | APHA (2012) 4500 - NO3 I (TON)      | 16.0          | mg/L N      |
| Total Phosphorus        | APHA (2012) 4500 - P H (Phosphorus) | 1.3           | mg/L P      |

| <i>Sample ID</i> | <i>Date</i> | <i>Time</i> | <i>Description</i> |
|------------------|-------------|-------------|--------------------|
| H1607765         | 7/03/2016   | 10:00 AM    | Up-Stream EMP3     |

| <i>Analysis</i>         | <i>Method / Category</i>            | <i>Result</i> | <i>Unit</i> |
|-------------------------|-------------------------------------|---------------|-------------|
| pH                      | APHA (2012) 4500-H+ B (pH)          | 6.8           | -           |
| Total Kjeldahl Nitrogen | Inhouse 6 (TKN)                     | 0.4           | mg/L N      |
| Total Oxidised Nitrogen | APHA (2012) 4500 - NO3 I (TON)      | 0.09          | mg/L N      |
| Total Phosphorus        | APHA (2012) 4500 - P H (Phosphorus) | 0.16          | mg/L P      |

| <i>Sample ID</i> | <i>Date</i> | <i>Time</i> | <i>Description</i> |
|------------------|-------------|-------------|--------------------|
| H1607766         | 7/03/2016   | 10:00 AM    | Down-Stream EMP4   |

| <i>Analysis</i>         | <i>Method / Category</i>            | <i>Result</i> | <i>Unit</i> |
|-------------------------|-------------------------------------|---------------|-------------|
| pH                      | APHA (2012) 4500-H+ B (pH)          | 6.9           | -           |
| Total Kjeldahl Nitrogen | Inhouse 6 (TKN)                     | 1.4           | mg/L N      |
| Total Oxidised Nitrogen | APHA (2012) 4500 - NO3 I (TON)      | 0.96          | mg/L N      |
| Total Phosphorus        | APHA (2012) 4500 - P H (Phosphorus) | 0.31          | mg/L P      |

**This is a Preliminary Report, not a Final Report.**

*Results from this report are not to be reproduced without acknowledgement.  
The analytical results on this report are subject to verification.*

Neil Martin

Chemistry Team Leader

14 March 2016