



Report of Analysis

Customer: Warren Shire Council

Dubbo Street, Warren NSW 2824

Contact: Daniel Noble

Sample Date: 20 January 2015

Date Received: 21 January 2015

1 sample sampled and submitted by customer and tested as received.

Order Number: 20911

Report Number: HWA-15/00666

Note: This report replaces Preliminary Report Number HWA-15/00658

| <i>Sample ID</i> | <i>Date</i> | <i>Time</i> | <i>Description</i> | |
|-------------------------|--|-------------|-----------------------------|-------------|
| H1501836 | 20/01/2015 | 11:00 AM | Warren STP Sampling Point 2 | |
| <i>Analysis</i> | <i>Method / Category</i> | | <i>Result</i> | <i>Unit</i> |
| Ammonia | APHA (2012) 4500 - NH3 H (Ammonia) | | 9.6 | mg/L N |
| BOD5 - Total | APHA (2012) 5210 B (BOD5) | | 36 | mg/L |
| Nitrate | APHA (2012) 4500 - NO3 I (Nitrate) | | 7.3 | mg/L N |
| Nitrite | APHA (2012) 4500 - NO3 I (No Reduction) (Nitrite) | | 1.6 | mg/L N |
| pH | APHA (2012) 4500-H+ B (pH) | | 7.9 | - |
| Suspended Solids | Inhouse 4 based on APHA (2012) 2540 D (Suspended Solids) | | 70 | mg/L |
| Total Dissolved Solids | APHA (2012) 2540 C (TDS) | | 811 | mg/L |
| Total Kjeldahl Nitrogen | Inhouse 2 based on APHA (2012) 4500-Norg B (TKN) | | 18.5 | mg/L N |
| Total Nitrogen | APHA (2012) 4500-Norg APHA (2012) 4500 - NO3 I (TN) | | 27.4 | mg/L N |
| Total Oil and Grease | APHA (2012) 5520 D (Grease) | | 6 | mg/L |
| Total Oxidised Nitrogen | APHA (2012) 4500 - NO3 I (TON) | | 8.9 | mg/L N |
| Total Phosphorus | APHA (2012) 4500 - P H (Phosphorus) | | 4.6 | mg/L P |

The results of the tests, calibrations &/or measurements included in this document are traceable to Australian/national standards.

Results from this report are not to be reproduced without acknowledgement.

The results on this report relate only to the items tested.

This document shall not be reproduced, except in full.

A handwritten signature in black ink that reads "Neil Martin". The signature is written in a cursive style with a small crossbar on the 'i'.

Neil Martin

Chemistry Team Leader

27 January 2015