

# Monthly Monitoring Data



**Environmental Protection Licence Number:** 12740

**Licensee:** Newcastle Coal Infrastructure Group Pty Ltd, Locked Bag 6003, Hunter Region Mail Centre NSW 2310

**Premises:** Newcastle Coal Infrastructure Group, Cormorant Road, Kooragang NSW 2304

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## **Turbidity Monitoring of the Hunter River during NCIG Dredging Activities**

Turbidity Statistics - October 2012

**Sample Period:** October 2012

**Date Obtained:** 16th November 2012

**Units of Measure:** Nephelometric Turbidity Units (NTU)

**Frequency:** Continuously during Dredging Operations

|                        | <b>Monitoring Point<br/>1 - Ash Island</b> | <b>Monitoring Point<br/>2 - Rail Bridge</b> | <b>Monitoring Point<br/>3 - Tourle Street</b> | <b>Monitoring Point 5<br/>- BHP Wharf</b> |
|------------------------|--|---|---|---|
| <b>Minimum</b>         | 0.0  | 0.0   | 0.0   | 0.0                                       |
| <b>Median</b>          | 4.8  | 7.1   | 3.3   | 3.0                                       |
| <b>Mean</b>            | 5.1  | 7.4   | 3.6   | 2.7                                       |
| <b>80th Percentile</b> | 6.5  | 10.0  | 4.9   | 4.5                                       |
| <b>90th Percentile</b> | 7.6  | 12.0  | 6.0   | 5.3                                       |
| <b>99th Percentile</b> | 10.3                                       | 17.6  | 9.8   | 8.6                                       |
| <b>Maximum</b>         | 19.5                                       | 22.8  | 21.1  | 21.6                                      |

NB. Monitoring undertaken on a real-time basis, above is a monthly data summary  
Monitoring Point 4 (Dyke Berth) not monitored, in accordance with Condition E1, due to refurbishment of Dyke Berth