

# 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

**Date Published:** 23<sup>rd</sup> April 2013

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

Turbidity Statistics - March 2013

**Sample Period:** March 2013

**Date Obtained:** 23<sup>rd</sup> April 2013

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

**Frequency:** Continuously during Dredging Operations

	Monitoring Point 1 - Ash Island	Monitoring Point 2 - Rail Bridge	Monitoring Point 3 - Tourle Street	Monitoring Point 5 - BHP Wharf
<b>Minimum</b>	0.7	0.0	4.2	0.0
<b>Median</b>	11.6	10.6	10.1	5.9
<b>Mean</b>	116.2	111.7	81.6	59.8
<b>80th Percentile</b>	85.5	73.2	51.94	34.58
<b>90th Percentile</b>	499.0	496.4	207.5	128.8
<b>99th Percentile</b>	1358.7	1307.3	1135.2	756.2
<b>Maximum</b>	1528.0	1620.3	1317.0	1014.0

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