

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 - August 2012

Sample Period: August 2012

Date Obtained: 4th September 2012

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
Minimum	1.6	0.0	1.9	0.0
Median	8.3	3.5	5.1	2.2
Mean	10.1	4.0	5.8	2.6
80th Percentile	13.9	5.9	7.1	3.7
90th Percentile	18.2	7.3	8.7	4.6
99th Percentile	27.9	13.8	19.5	8.8
Maximum	52.0	27.1	36.9	29.6

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