

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 - April 2012

Sample Period: April 2012

Date Obtained: 1 May 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	1.7	7.1	2.4	2.4
Median	6.8	9.6	5.9	5.6
Mean	8	9.3	6.4	7.1
80th Percentile	11	10.5	7.6	8.3
90th Percentile	13.7	10.7	9.3	12.2
99th Percentile	20.7	11.8	13.9	25.9
Maximum	33.9	12.7	28.3	62.8

NB. Monitoring undertaken on a realtime 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