

Environmental Protection Licence Number: 12740

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Turbidity Monitoring of the Hunter River during NCIG Dredging Activities

Turbidity Statistics - March 2012

Sample Period: March 2012

Date Obtained: 2 April 2012

Units of Measure: Nephelometric Turbidity Units (NTU)

Frequency: Continuous during Dredging Operations

	Monitoring Point 1 - Ash Island	Monitoring Point 2 - Rail Bridge	Monitoring Point 3 - Tourle Street	Monitoring Point 5 - BHP Wharf
Minimum	2.2	0.5	2.3	1.4
Median	20.1	17.3	7	4.8
Mean	56.2	50.2	33.3	11.4
80th Percentile	45.74	42.8	20.3	8.8
90th Percentile	85.8	90.2	48.6	22.3
99th Percentile	728.2	695.1	779.6	158.8
Maximum	1373.0 ¹	907.0 ¹	1026.0 ¹	386.6 ¹

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

¹ Maximum readings associated with runoff resulting from heavy rainfall on 7 and 8 March