



Newcastle Inner City Bypass – Rankin Park to Jesmond Project

ENVIRONMENT PROTECTION LICENCE NO: 21762

POLLUTION MONITORING DATA

August 2024

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1. Introduction

The Australian and NSW governments are funding the Rankin Park to Jesmond section of the Newcastle Inner City Bypass. The bypass will be built to the west of John Hunter Hospital.

In July 2022, a design and construct contract was awarded to Fulton Hogan Construction Pty Ltd who will finalise the design for the bypass and started major construction in March 2023.

The project will take three years to complete, weather permitting and will involve building a 3.4 kilometre four-lane divided road including:

- a northern interchange at Newcastle Road
- an interchange providing access to the John Hunter Hospital precinct
- a southern interchange at Lookout Road
- structures to improve connectivity in the bushland for people and animals
- off-road provisions for pedestrians and cyclists.

In accordance with section 66(6) of the POEO Act the following report details all required monitoring undertaken over the reporting period.

2. Water Quality Monitoring

Sampling conducted throughout the month.

Table 1 Monitoring results – Point 1 – August 2024

Date	Sample Location	pH	Oil/Grease	Irrigation Area
5/8/2024	10060W	7.2	No	G
6/08/2024	10060W	7.7	No	G
7/08/2024	10060W	7.7	No	G
8/08/2024	10160E	8	No	H
12/08/2024	10160E	7.4	No	H
26/08/2024	10060W	6.6	No	G

Table 2 Monitoring results – Point 2 – August 2024

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
1/08/2024	10060W	20.9	7.2	No	Spillway
2/08/2024	10060W	40.2	8.2	No	Spillway
6/08/2024	8100W	45.5	6.6	No	Spillway
7/08/2024	8100W	7.57	7.4	No	Spillway
7/08/2024	8220W	17.7	7.6	No	Spillway

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
8/08/2024	9680E	43.7	7.6		Spillway
8/08/2024	8220W	29.5	7.2		Spillway
8/08/2024	8100W	26.9	7		Spillway
9/08/2024	9680E	12.45	7.1		Spillway
9/08/2024	7520W	24.7	7.9		Spillway
9/08/2024	8900W	43.1	7.5		Spillway
9/08/2024	7440W	45.6	8		Spillway
12/08/2024	9560E	23.1	7.1		Spillway
16/08/2024	7520W	34.8	7.5		Spillway
20/08/2024	10060W	30.5	6.7		Spillway
20/08/2024	7520W	26.2	6.7		Spillway
20/08/2024	8220W	30.6	7.2		Spillway
21/08/2024	8220W	30.8	7.2		Spillway
21/08/2024	8100W	45.8	7.4		Spillway
21/08/2024	10060W	39.9	6.6		Spillway
21/08/2024	7520W	14	7.8		Spillway
22/08/2024	8220W	32	7.2		Spillway
22/08/2024	8900W	44.8	7.4		Spillway
22/08/2024	7440W	33	6.9		Spillway
23/08/2024	7440W	31.1	7.3		Spillway
26/08/2024	9680E	35.8	7		Spillway
27/08/2024	7520W	43.6	7.4		Spillway