



Newcastle Inner City Bypass – Rankin Park to Jesmond Project

ENVIRONMENT PROTECTION LICENCE NO: 21762

POLLUTION MONITORING DATA

October 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 – October 2024

Date	Sample Location	pH	Oil/Grease	Irrigation Area
1/10/2024	8250W	7.3	No	E
11/10/2024	7440W	7.1	No	A
11/10/2024	10060W	7.5	No	G

Table 2 Monitoring results – Point 2 – October 2024

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
2/10/2024	7520W	27.3	7.2	No	Spillway
2/10/2024	8220W	33	7.1	No	Spillway
3/10/2024	8100W	45.3	7.5	No	Spillway
3/10/2024	7520W	31.9	7.3	No	Spillway
3/10/2024	8220W	33.5	7.3	No	Spillway
3/10/2024	8900W	45.4	7.1	No	Spillway
4/10/2024	7440W	42	8	No	Spillway
4/10/2024	10060W	41.3	7.5	No	Spillway
4/10/2024	7520W	9.4	7.1	No	Spillway
10/10/2024	7520W	36.9	7.2	No	Spillway

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
10/10/2024	9560E	7.29	7.1	No	Spillway
10/10/2024	8220W	36.2	7.5	No	Spillway
11/10/2024	8900W	42.9	7.6	No	Spillway
11/10/2024	8100W	31.5	7.5	No	Spillway
11/10/2024	7520W	25.7	7.5	No	Spillway
14/10/2024	8100W	24.6	7.1	No	Spillway
14/10/2024	8220W	8.09	7	No	Spillway
17/10/2024	7440W	43.3	7.4	No	Spillway
17/10/2024	8220W	44	7.4	No	Spillway
18/10/2024	10060W	23.1	7.5	No	Spillway
18/10/2024	7520W	33.7	7.1	No	Spillway
18/10/2024	7440W	44.3	6.9	No	Spillway
18/10/2024	8100W	36.7	7.2	No	Spillway
18/10/2024	8900W	34	6.7	No	Spillway
23/10/2024	8100W	17.74	6.9	No	Spillway
28/10/2024	8100W	6.08	6.9	No	Spillway
28/10/2024	8220W	7.56	7.3	No	Spillway
28/10/2024	8000E	3.66	7.1	No	Spillway
28/10/2024	9680E	18.62	7	No	Spillway
28/10/2024	8900W	13.89	7	No	Spillway
28/10/2024	7520W	9.63	7	No	Spillway
28/10/2024	7440W	37.3	7	No	Spillway
28/10/2024	9560E	18.4	6.8	No	Spillway
29/10/2024	8100W	8.4	7.5	No	Spillway
29/10/2024	9560E	20.7	7	No	Spillway
29/10/2024	8000E	4.36	6.9	No	Spillway
29/10/2024	7440W	30.3	7.3	No	Spillway
30/10/2024	10060W	26.5	6.9	No	Spillway
30/10/2024	9560E	12.25	7.4	No	Spillway
30/10/2024	9680E	12.62	7.4	No	Spillway
31/10/2024	10060W	36	6.8	No	Spillway
31/10/2024	9680E	25.4	7.1	No	Spillway