



Newcastle Inner City Bypass – Rankin Park to Jesmond Project

ENVIRONMENT PROTECTION LICENCE NO: 21762

POLLUTION MONITORING DATA

July 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 – July 2024

Date	Sample Location	pH	Oil/Grease	Irrigation Area
10/07/2024	9050W	6.5	No	E
11/07/2024	8000E	6.7	No	D
15/07/2024	8000E	7.2	No	D
16/07/2024	8000E	6.6	No	D

Table 2 Monitoring results – Point 2 – July 2024

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
1/07/2024	7440W	30.2	6.7	No	Spillway
1/07/2024	7520W	42	6.7	No	Spillway
1/07/2024	8220W	28.8	6.9	No	Spillway
8/07/2024	10060W	27	6.6	No	Spillway
8/07/2024	9680E	14.5	6.9	No	Spillway
9/07/2024	8220W	45.8	6.9	No	Spillway
10/07/2024	8000E	38.2	6.6	No	Spillway

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
10/07/2024	9560E	23.4	6.6	No	Spillway
11/07/2024	10060W	45.3	6.6	No	Spillway
11/07/2024	7520W	27.9	6.9	No	Spillway
11/07/2024	8220W	40.4	6.8	No	Spillway
12/07/2024	7520W	23.2	7.4	No	Spillway
13/07/2024	8100W	31.6	7.1	No	Spillway
13/07/2024	7440W	31.1	6.9	No	Spillway
15/07/2024	8900W	42.1	7.2	No	Spillway
15/07/2024	8760W	40.5	7.3	No	Spillway
15/07/2024	7440W	15.2	6.8	No	Spillway
30/07/2024	7440W	37.9	7.1	No	Spillway
30/07/2024	8900W	44.2	7.1	No	Spillway
30/07/2024	8220W	35.9	7.2	No	Spillway
31/07/2024	8220W	45.7	7.4	No	Spillway
31/07/2024	8100W	27.2	7	No	Spillway
31/07/2024	7520W	20.6	7.3	No	Spillway
31/07/2024	7440W	33.4	7.7	No	Spillway