



Newcastle Inner City Bypass – Rankin Park to Jesmond Project

ENVIRONMENT PROTECTION LICENCE NO: 21762

POLLUTION MONITORING DATA

November 2023

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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 – November 2023

Date	Sample Location	pH	Oil/Grease	Irrigation Area
7/11/2023	7520W	6.9	No	A
8/11/2023	7520W	7.6	No	A
9/11/2023	7520W	7	No	A
9/11/2023	9680E	7.1	No	H
10/11/2023	7520W	7.5	No	A
13/11/2023	8760W	7.3	No	E
14/11/2023	7520W	7.6	No	A
14/11/2023	8900W	7.1	No	E
15/11/2023	8900W	7.1	No	E
16/11/2023	8100W	7.3	No	C
16/11/2023	8900W	6.9	No	E
30/11/2023	8100W	7	No	C

Table 2 Monitoring results – Point 2 – November 2023

Date	Sample Location	Turbidity (NTU)	pH	Oil/Grease	Discharge Area
8/11/2023	7520W	33.7	7.1	No	Spillway
9/11/2023	9560E	17.25	6.9	No	Spillway
10/11/2023	7440W	2.9	7.2	No	Spillway
10/11/2023	9560E	5.9	6.6	No	Spillway
13/11/2023	8760W	8.6	7.3	No	Spillway
14/11/2023	7440W	15.48	7.2	No	Spillway
14/11/2023	9560E	23.7	6.9	No	Spillway
14/11/2023	8100W	5.5	7.1	No	Spillway
15/11/2023	9560E	26	7.4	No	Spillway
15/11/2023	8000E	26.7	7.1	No	Spillway
15/11/2023	8220W	21	6.5	No	Spillway
16/11/2023	9560E	12.8	6.9	No	Spillway
20/11/2023	9560E	25.4	7.8	No	Spillway
20/11/2023	8900W	39.8	7	No	Spillway
20/11/2023	8760W	10.3	6.6	No	Spillway
23/11/2023	8000E	24.9	7.9	No	Spillway
23/11/2023	8100W	11.31	7.2	No	Spillway
27/11/2023	9560E	18.52	6.7	No	Spillway
29/11/2023	8900W	36.3	7	No	Spillway