



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 |