# M7- M12 Integration Project

# Environment Protection Licence – Environmental Monitoring Data Report

March 2026

# Document Control

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# Figures



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# 1 Project summary

The M7 Motorway (Modification 6 Widening; SSI-663-Mod-6) (M7 Widening) and the M12 East package of the M12 Motorway project (SSI 9364) will be delivered together under what is referred to as the M7-M12 Integration project (the Project) (refer to Figure 1-1) by John Holland.

The M12 Motorway extends between the M7 Motorway at Cecil Hills and The Northern Road at Luddenham, over a distance of about 16 km. It will be delivered in multiple packages including the M12 West package, M12 Central package and M12 East package (this package is part of the M7-M12 Integration project). The M12 East package involves two components of work:

- Connecting Elizabeth Drive to the M12 Motorway and the upgrade of approximately two kilometres of Elizabeth Drive from east of Duff Road to 300 metres east of the M7 Motorway
- Providing a grade separated motorway to motorway connection between the M7 Motorway and M12 Motorway.

The M7 Widening project will enable the construction and operation of an additional lane in both directions within the existing median of the Westlink M7 for approximately 26 kilometres (km). Works will occur from about 140 metres (m) south of the Kurrajong Road overhead bridge at Prestons (southern end) to the Richmond Road interchange at Oakhurst/Glendenning (northern end), excluding widening through the Westlink M7/M4 Motorway (Light Horse) Interchange.

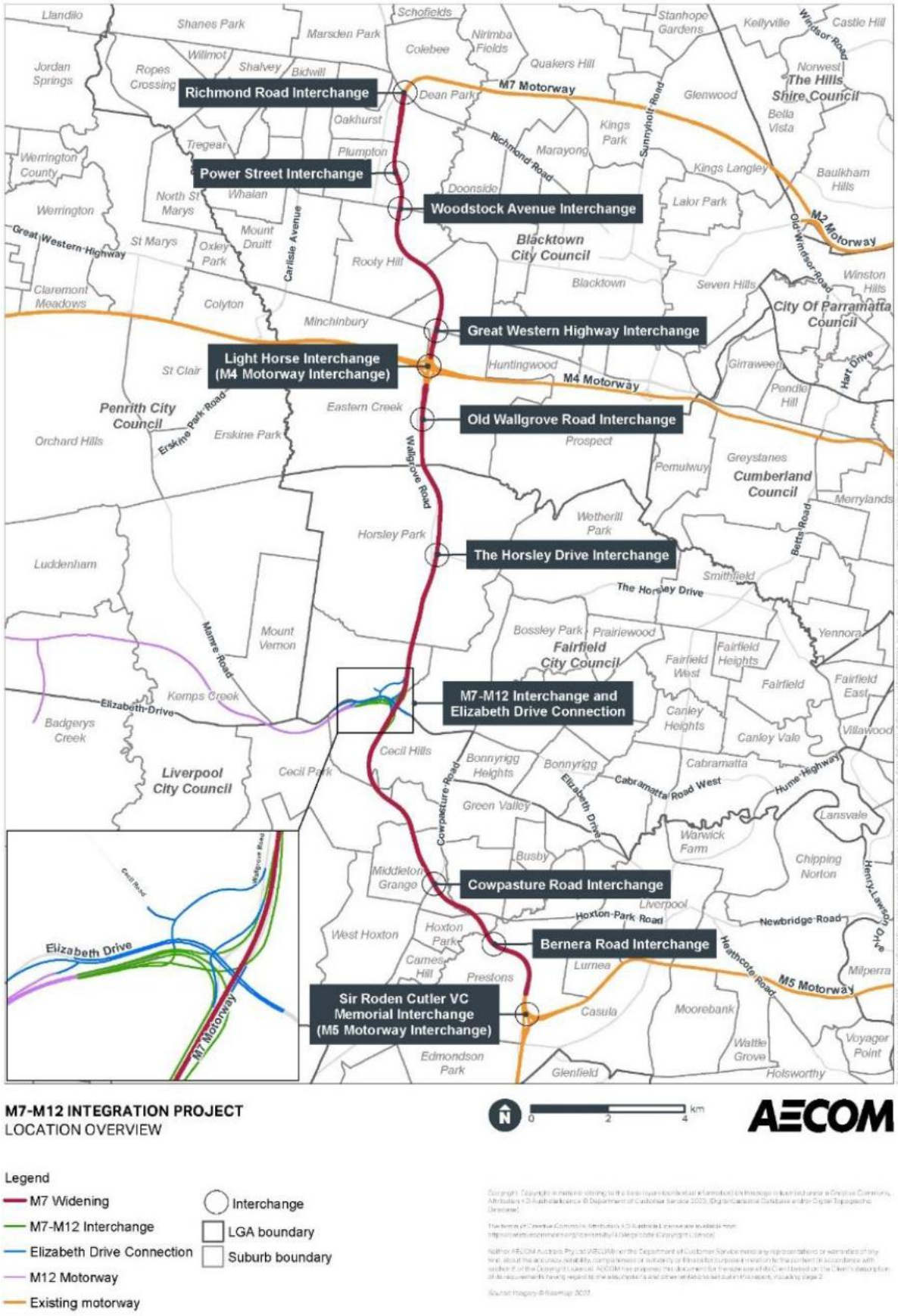


*Figure 1-1 M7-M12 Integration Project*

# 2 Environmental Protection Licence and Reporting Requirements

John Holland Pty Ltd obtained the Environment Protection Licence (EPL No. 21829) from the NSW Environment Protection Authority for the project. The licence is for road construction as defined under Schedule 1 of the *Protection of the Environment Operations Act 1997* (POEO Act).

The licence describes monitoring and reporting requirements for the Works. The following report details environmental monitoring undertaken during the March 2026 monitoring period conducted in accordance with the EPL.

The EPL can be found by following the link below to the EPA's website: epa.nsw.gov.au.

# 3 Noise and vibration monitoring

## 3.1 Noise monitoring

Noise monitoring was undertaken during the reporting period in accordance with the requirements of the M7M12 Construction Noise and Vibration Monitoring Program (M712UDC-JHGRP-M7A-EN-PLN-000074).

All works were deemed compliant as they complied with applicable criteria, monitoring was predominantly dominated by background noise sources such as local traffic and are detailed in Table 3-1.

*Table 3-1 Noise monitoring data*

| Location Description | Monitoring date | Monitoring period | NCA | Attended or Continuous | Parameter | Measured value dB(A) | Goals and targets dB(A) | Project OOHW Compliance | Comments/Field Observations |
|---|---|---|---|---|---|---|---|---|---|
| 135 Hemsworth Avenue, Middleton Grange | 03/03/2026 | Night | NCA_10 | Attended | LAeq (15 min) | 48 | 64 | JH Works Compliant | Dominant noise source was traffic from local roads. Works were compliant with the PNL. JHG works compliant. |
| 18 Cecil Road, Cecil Park | 03/03/2026 | Night | NCA_35 | Attended | LAeq (15 min) | 52 | 54 | JH Works Compliant | Dominant noise source was traffic from local roads. Works were compliant with the PNL. JHG works compliant. |
| 37-73 Wallgrove Road, Cecil Park | 03/03/2026 | Night | NCA_17 | Attended | LAeq (15 min) | 54.6 | 57 | JH Works Compliant | Dominant noise source was traffic from local roads. Works were compliant with the PNL. JHG works compliant. |
| 4 Burgundy Close, Cecil Hills | 03/03/2026 | Night | NCA_16b | Attended | LAeq (15 min) | 48.7 | 49 | JH Works Compliant | Dominant noise source was traffic from local roads. Works were inaudible during monitoring event. JHG works compliant. |
| 4 Burgundy Close, Cecil Hills | 31/03/2026 | Night | NCA_16b | Attended | LAeq (15 min) | 50.7 | 73 | JH Works Compliant | Dominant noise source was traffic from local roads. Works were compliant with the PNL. JHG works compliant. |

Note:

1. LAeq (15min) - The A-weighted equivalent continuous (energy average) A-weighted sound pressure level over a 15-minute period.
2. dBA - Decibels using the A-weighted scale measured according to the frequency of the human ear.
3. PNL: Predicted Noise Level as determined within the relevant CNVIS.

## 3.2 Vibration monitoring

No vibration monitoring was undertaken during the reporting period as no new vibration intensive works were undertaken within the zone of influence to any sensitive receivers, or the activities had been monitored previously and confirmed to be compliant with the M7M12 Construction Noise and Vibration Monitoring Program.

# 4 Discharge Water Quality Monitoring

Offsite discharge occurred during March 2026 from sediment basins across the Project.

All discharges were compliant with the requirements of the Project EPL (#21829) and are outlined in Table 4-1.

*Table 4-1 Sediment basin discharge monitoring data for March 2026*

| Location | Date | Analyte | Units | Limit | Result | Comments |
|---|---|---|---|---|---|---|
| SB02 | 05/03/2026 | pH | pH | 6.5-8.5 | **6.91** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **39.3** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 06/03/2026 | pH | pH | 6.5-8.5 | **8.27** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **47** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB02 | 10/03/2026 | pH | pH | 6.5-8.5 | **7.99** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **30.3** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB13 | 11/03/2026 | pH | pH | 6.5-8.5 | **8.09** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **31.1** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB13 | 11/03/2026 | pH | pH | 6.5-8.5 | **8.38** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **42.8** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 12/03/2026 | pH | pH | 6.5-8.5 | **7.99** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **33.9** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB02 | 12/03/2026 | pH | pH | 6.5-8.5 | **7.82** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **22.6** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB13 | 12/03/2026 | pH | pH | 6.5-8.5 | **8.44** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **43.9** | |

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|---|---|---|---|---|---|---|
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB06 | 13/03/2026 | pH | pH | 6.5-8.5 | **7.88** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **24.5** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 16/03/2026 | pH | pH | 6.5-8.5 | **8.34** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **38.7** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB17 | 16/03/2026 | pH | pH | 6.5-8.5 | **7.97** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **35.4** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB02 | 20/03/2026 | pH | pH | 6.5-8.5 | **8.2** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **49.1** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 25/03/2026 | pH | pH | 6.5-8.5 | **7.56** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **45.2** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 30/03/2026 | pH | pH | 6.5-8.5 | **8.06** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **44.6** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB02 | 30/03/2026 | pH | pH | 6.5-8.5 | **8.08** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **48.6** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB13 | 30/03/2026 | pH | pH | 6.5-8.5 | **7.89** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **33.5** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |

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|---|---|---|---|---|---|---|
| SB17 | 30/03/2026 | pH | pH | 6.5-8.5 | **8.06** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **49.8** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |
| SB16 | 31/03/2026 | pH | pH | 6.5-8.5 | **8.14** | Compliant with discharge criteria. |
| | | Turbidity | NTU | 50 | **32.6** | |
| | | Oil and grease | Visible | Not visible | **Not visible** | |