

M1 Pacific Motorway Extension to Raymond Terrace – Black Hill to Tomago

EPL Monthly Monitoring Report – August 2026

Document Number: M1RTBH2T-JHGM-6003-EN-RPT-200110-EPL Monthly Monitoring Report - August 2026

Revision Number: 00

Issue Date: 18/09/2026



Revisions

Revisions

Draft issues of this document are identified as Revision A, B, C, etc. Upon initial issue (generally Contract Award) this will be changed to a sequential number commencing at Revision 0. Revision numbers will continue at Revision 1, 2, etc.

Rev	Date	Prepared By [Name]	Reviewed By [Name]	Approved By [Name]	Remarks
A	15/09/2026	EG	DW	DW	For internal review
00	18/09/2026	EG	DW	DW	For internal review and submission

Table of Contents

Revisions.....	1
1. Introduction.....	3
2. Environmental Protection Licence and Reporting Requirements.....	5
3. Water Monitoring	6
4. Noise Monitoring.....	6

Figures

Figure 1: M12RT Project Overview – Southern Section (Source: M1 Pacific Motorway to Raymond Terrace EIS).....	4
Figure 2: M12RT Project Overview – Northern Section (Source: M1 Pacific Motorway to Raymond Terrace EIS).....	4

Tables

Table 1: Sediment Basin Water Quality Monitoring Results	Error! Bookmark not defined.
Table 2: Noise Monitoring Results	7

1. Introduction

M12RT will extend the M1 Pacific Motorway from Black Hill to the Pacific Highway at Raymond Terrace, about 15 kilometres, bypassing Beresfield, Hexham, and Heatherbrae (refer Figure 2-1). M12RT traverses the City of Newcastle and Port Stephens Council local government areas (LGAs). The suburbs of Beresfield, Tarro, Heatherbrae, and Raymond Terrace are located to the north of the Project, with Black Hill, Hexham and Tomago located to the south of the Project. M12RT will provide a critical link in the National Land Transport Network, particularly for the coastal Sydney to Brisbane corridor.

M12RT includes the following key features:

- Black Hill: connection to the M1 Pacific Motorway
- Tarro: connection and upgrade (six lanes) to the New England Highway between John Renshaw Drive and the existing Tarro interchange at Anderson Drive
- Tomago: connection to the Pacific Highway and Old Punt Road
- Raymond Terrace: connection to the Pacific Highway
- A 2.6 kilometre viaduct over the Hunter River floodplain including new bridge crossings over the Hunter River, the Main North Rail Line, and New England Highway
- Bridge structure over local waterways at Tarro and Raymond Terrace, and an overpass for Masonite Road in Heatherbrae
- Connections and modifications to the adjoining local road network
- Traffic management facilities and features
- Roadside furniture including safety barriers, signage, fauna fencing and crossings, and street lighting
- Adjustment of waterways, including at Purgatory Creek at Tarro and a tributary of Viney Creek
- Environmental management measures, including surface water quality control measures
- Adjustment, protection and/or relocation of existing utilities
- Walking and cycling considerations, allowing for existing and proposed cycleway route access
- Permanent and temporary property adjustments and property access refinements
- Construction activities, including establishment and use of temporary ancillary facilities, temporary access tracks, haul roads, batching plants, temporary wharves, soil treatment and environmental controls

The M12RT delivery strategy includes construction via two collaborative Design and Construct (D&C) contracts:

- Stage 1 - Construction - Southern Package (BH2T), delivered by the John Holland Gamuda Australia Joint Venture (JHGA JV)
- Stage 2 - Construction - Northern Package (Heatherbrae Bypass), delivered by Seymour White.

BH2T is subject to an Environmental Protection Licence (licence number 21808). This report aims to satisfy JHGA's responsibilities under section 66(6) of the POEO Act which requires licence holders to make monitoring data publicly available.

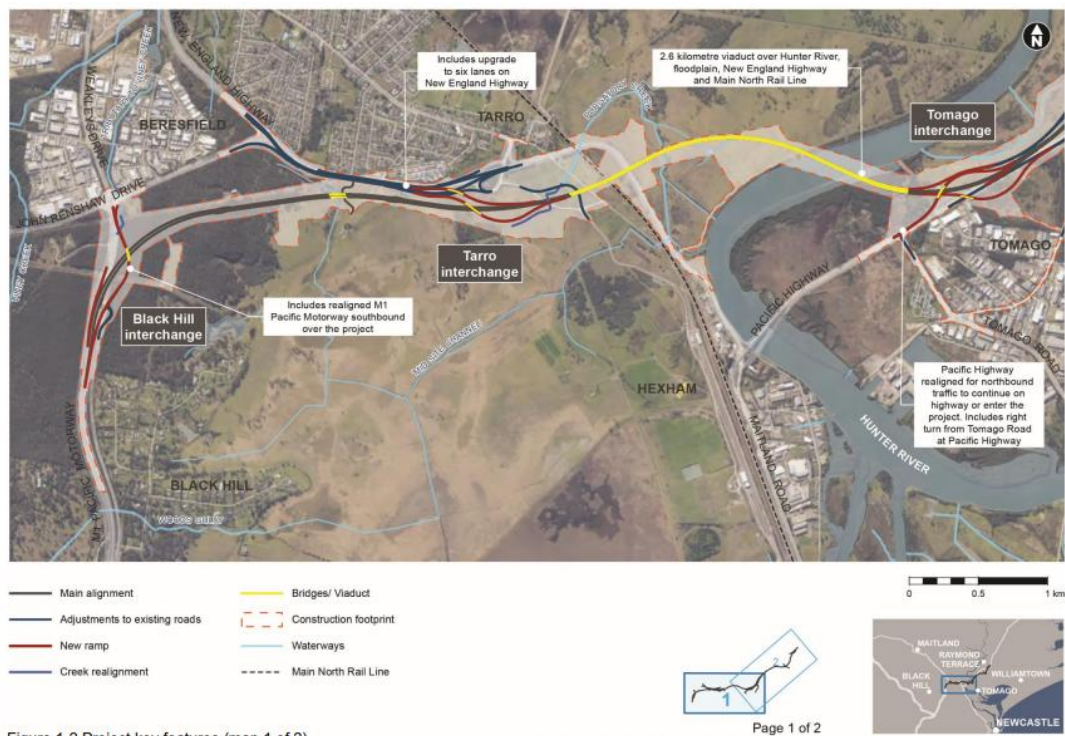


Figure 1: M12RT Project Overview – Southern Section (Source: M1 Pacific Motorway to Raymond Terrace EIS)

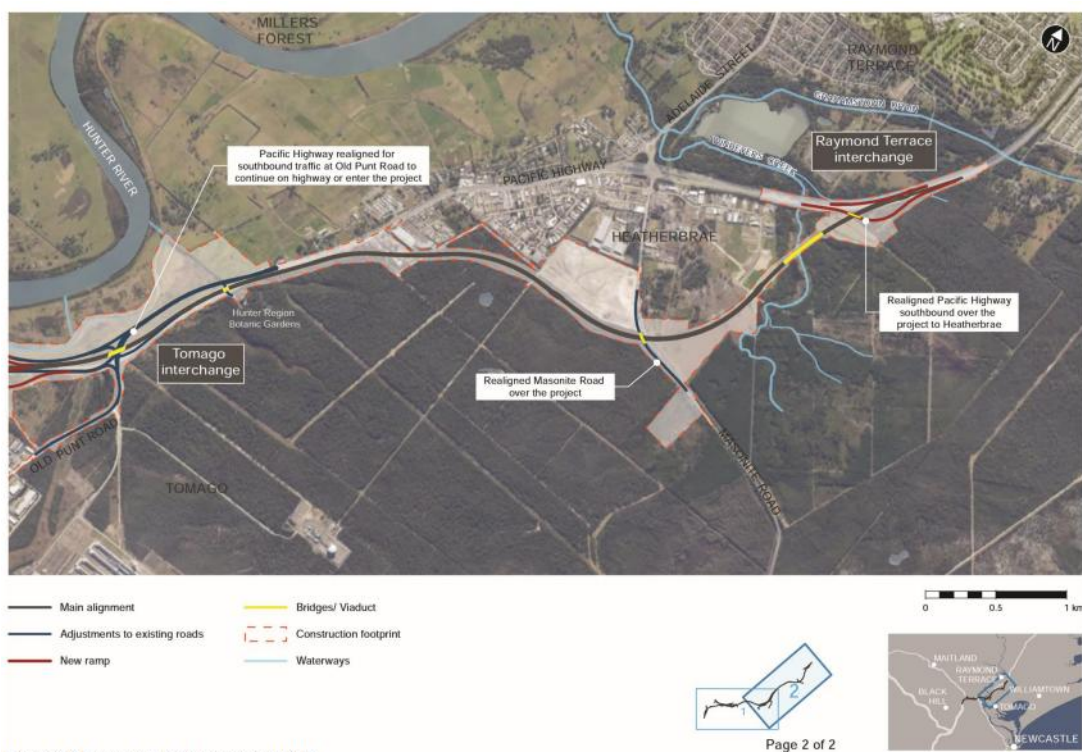


Figure 2: M12RT Project Overview – Northern Section (Source: M1 Pacific Motorway to Raymond Terrace EIS)

2. Environmental Protection Licence and Reporting Requirements

JHGA obtained the Environment Protection Licence (EPL No. 21808) from the NSW Environment Protection Authority for the M1 Motorway Extension to Raymond Terrace – Black Hill to Tomago in September 2023. The licence is for construction works relating to Road Construction as defined under Schedule 1 of the Protection of the Environment Operations Act, 1997 (POEO Act).

The licence describes monitoring requirements for construction works, and specifically as they relate to:

- Water discharge limits
- Noise limits

Section 66(6) of the POEO Act requires licence holders to make monitoring data publicly available.

The following report details environmental monitoring undertaken during this reporting month conducted in accordance with the EPL.

The EPL and current variations can be found by following the links below to the EPA's website:

[ViewPOEOLicence.aspx \(nsw.gov.au\)](http://ViewPOEOLicence.aspx (nsw.gov.au))

3. Water Monitoring

There was 39.8mm rain recorded at the Project's Weather Station (Main Compound) during August 2026. As per condition M2.3 discharge water quality monitoring is recorded as 'Special Frequency 1' as defined within the EPL.

No dewatering of sediment basins was undertaken in August. Sediment Basins 3 and 4 were decommissioned and 12 did not require dewatering due to the minimal rainfall received during August.

4. Noise Monitoring

Noise monitoring results collected during the reporting period are detailed in Table 2.

Table 1: Noise Monitoring Results

Monitoring Location (Noise Catchment Area, Street, Suburb)	Date	Time (24hr)	Attended or Continuous Monitoring	Parameter	Goal/Target dB(A)	Actual dB(A)	Comments
NCA01A 23 Cahill Cl, Black Hill	19/08/2026	13:40	Attended	LAeq15 Minute	61	61.20	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA01B 14 Walter Pde, Black Hill	12/08/2026	20:23	Attended	LAeq15 Minute	47.2	49.50	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA01B 14 Walter Pde, Black Hill	12/08/2026	23:00	Attended	LAeq15 Minute	47.2	46.90	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA01B 14 Walter Pde, Black Hill	13/08/2026	01:13	Attended	LAeq15 Minute	47.2	45.10	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA01B 24 Walter Pde, Black Hill	19/08/2026	14:05	Attended	LAeq15 Minute	47	44.10	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible
NCA03 54 Weakleys Dr, Beresfield	19/08/2026	14:35	Attended	LAeq15 Minute	76	70.30	JHGA works compliant, traffic dominant noise source. Construction works inaudible
NCA04A 1/15 Quarter Sessions Rd, Tarro	12/08/2026	22:20	Attended	LAeq15 Minute	46	63.70	JHGA works compliant, traffic dominant noise source. Construction works inaudible
NCA04A 1/15 Quarter Sessions Rd, Tarro	13/08/2026	01:58	Attended	LAeq15 Minute	46	58.20	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA04A 1/15 Quarter Sessions Rd, Tarro	14/08/2026	21:10	Attended	LAeq15 Minute	81.6	54.40	JHGA works compliant, traffic and environmental noise dominant noise source.

Black Hill to Tomago

Monitoring Location (Noise Catchment Area, Street, Suburb)	Date	Time (24hr)	Attended or Continuous Monitoring	Parameter	Goal/Target dB(A)	Actual dB(A)	Comments
NCA04A 1/15 Quarter Sessions Rd, Tarro	15/08/2026	00:50	Attended	LAeq15 Minute	81.6	53.30	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA04A 1/15 Quarter Sessions Rd, Tarro	20/08/2026	14:23	Attended	LAeq15 Minute	61	70.10	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA04B 22 Lenox St, Beresfield	20/08/2026	14:00	Attended	LAeq15 Minute	55	53.80	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible
NCA05A 11 Anderson Dr, Tarro	20/08/2026	12:52	Attended	LAeq15 Minute	65	68.60	JHGA works compliant, traffic and non-project related construction dominant noise source. JHGA construction works inaudible.
NCA05B 49 Beresford Ave, Beresfield	20/08/2026	13:37	Attended	LAeq15 Minute	51	62.50	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible
NCA06 61 Red Bill Dr, Woodberry	20/08/2026	13:15	Attended	LAeq15 Minute	48	49.30	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible
NCA07 51 New England Hwy, Tarro	20/08/2026	14:55	Attended	LAeq15 Minute	53	55.20	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA08 213 Maitland Rd, Hexham	19/08/2026	16:11	Attended	LAeq15 Minute	51	71.60	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible.
NCA09 838 Tomago Rd, Tomago	19/08/2026	15:35	Attended	LAeq15 Minute	62	66.80	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA14A 2137-2171 Pacific Highway, Heatherbrae	13/08/2026	21:28	Attended	LAeq15 Minute	47	71.30	JHGA works compliant, traffic and environmental noise dominant noise source.

Black Hill to Tomago

Monitoring Location (Noise Catchment Area, Street, Suburb)	Date	Time (24hr)	Attended or Continuous Monitoring	Parameter	Goal/Target dB(A)	Actual dB(A)	Comments
NCA14A 2137-2171 Pacific Highway, Heatherbrae	14/08/2026	00:48	Attended	LAeq15 Minute	47	67.40	JHGA works compliant, traffic and environmental noise dominant noise source.
NCA14A 2137-2171 Pacific Highway, Heatherbrae	19/08/2026	15:09	Attended	LAeq15 Minute	64	67.90	JHGA works compliant, traffic and environmental noise dominant noise source. Construction works inaudible.