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

EPL Monthly Monitoring Report – September 2026

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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	Reviewed By	Approved By	Remarks
00	15/10/2026	DW	DW	DW	For internal review and submission

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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 ad 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.

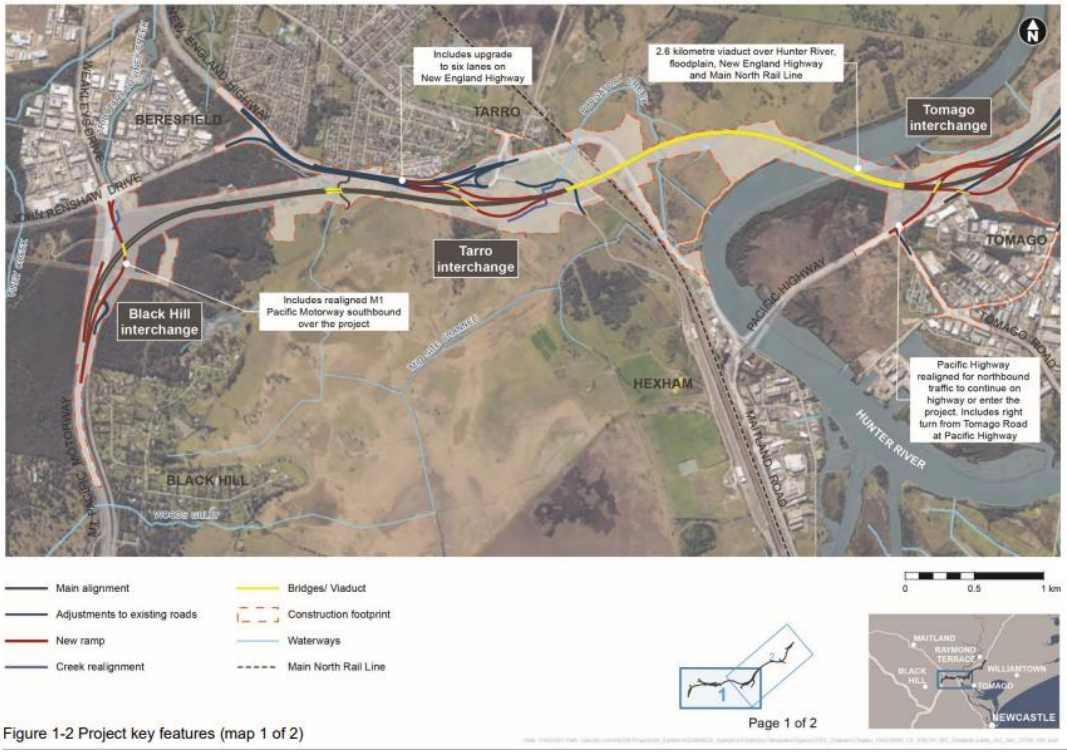


Figure 1-2 Project key features (map 1 of 2)

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

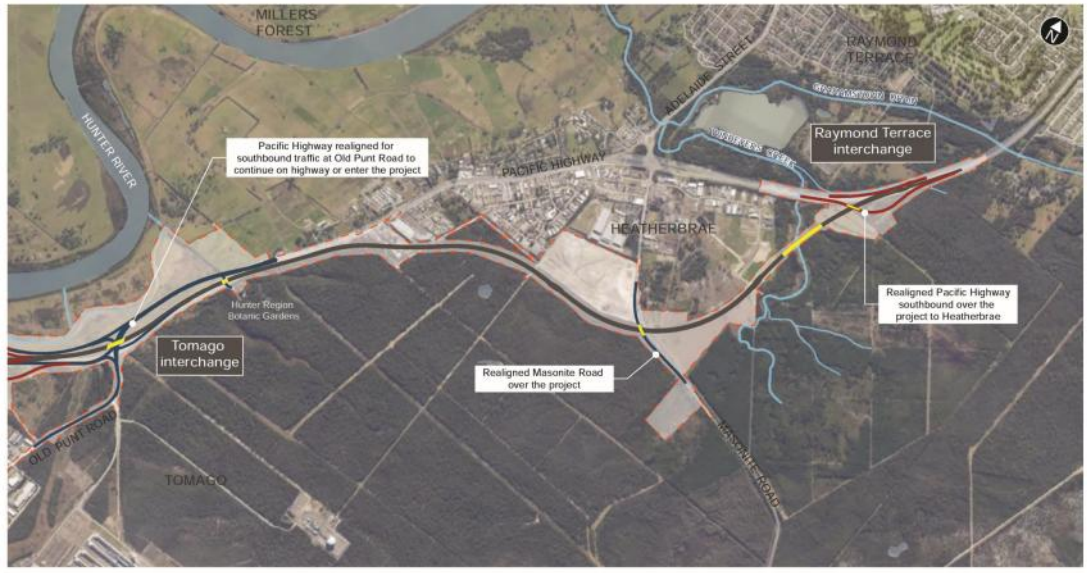


Figure 1-2 Project key features (map 2 of 2)

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)

3. Water Monitoring

There was 16.4mm rain recorded at the Project's Weather Station (Main Compound) during September 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 September. Sediment Basins 3 and 4 were decommissioned and 12 did not require dewatering due to the minimal rainfall received during September.

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)	NCA	Date	Time (24hr)	Attended or Continuous Monitoring	Parameter	Goal/Target dB(A)	Actual dB(A)	Comments
20 Walter Parade, Black Hill NSW 2322, Australia	NCA01B	01/09/2026	11:35	Attended	LAeq15 Minute	47	47.6	Non-project related traffic dominant noise source. BH2T works compliant
48 Weakleys Dr, Beresfield NSW 2322, Australia	NCA03	01/09/2026	12:05	Attended	LAeq15 Minute	76	69.1	BH2T works compliant
11 Anderson Dr, Tarro NSW 2322, Australia	NCA05A	01/09/2026	15:20	Attended	LAeq15 Minute	65	62.7	BH2T works compliant
49 Beresford Ave, Beresfield NSW 2322, Australia	NCA05B	01/09/2026	16:10	Attended	LAeq15 Minute	51	53.5	Non-project related traffic dominant noise source. BH2T works compliant
61 Redbill Dr, Woodberry NSW 2322, Australia	NCA06	01/09/2026	15:45	Attended	LAeq15 Minute	48	54.7	Non-project related traffic dominant noise source. BH2T works compliant
5MP3+8M Black Hill NSW, Australia	NCA07	01/09/2026	14:50	Attended	LAeq15 Minute	53	58.4	Non-project related traffic dominant noise source. BH2T works compliant
209 Maitland Rd, Hexham NSW 2322, Australia	NCA08	01/09/2026	14:15	Attended	LAeq15 Minute	51	77.1	Non-project related traffic dominant noise source. BH2T works compliant
838 Tomago Rd, Tomago NSW 2322, Australia	NCA09	01/09/2026	13:50	Attended	LAeq15 Minute	62	68.7	Non-project related traffic dominant noise source. BH2T works compliant
2137 Pacific Hwy, Heatherbrae NSW 2324, Australia	NCA14A	01/09/2026	13:20	Attended	LAeq15 Minute	64	62.4	BH2T works compliant
62 New England Hwy, Tarro NSW 2322, Australia	NCA04A	02/09/2026	09:58	Attended	LAeq15 Minute	61	68.4	Non-project related traffic dominant noise source. BH2T works compliant
22 Lenox St, Beresfield NSW 2322, Australia	NCA04B	02/09/2026	09:30	Attended	LAeq15 Minute	55	52.3	BH2T works compliant
21 Cahill Cl, Black Hill, NSW, Australia	NCA01A	09/09/2026	21:18	Attended	LAeq15 Minute	51	50.2	BH2T works compliant
26 Phoenix Rd, Black Hill, NSW, Australia	NCA01B	09/09/2026	21:43	Attended	LAeq15 Minute	41	49.7	Non-project related traffic dominant noise source. BH2T works compliant
21 Cahill Cl, Black Hill, NSW, Australia	NCA01A	09/09/2026	23:39	Attended	LAeq15 Minute	51	48.5	BH2T works compliant

Monitoring Location (Noise Catchment Area, Street, Suburb)	NCA	Date	Time (24hr)	Attended or Continuous Monitoring	Parameter	Goal/Target dB(A)	Actual dB(A)	Comments
26 Phoenix Rd, Black Hill, NSW, Australia	NCA01B	10/09/2026	00:00	Attended	LAeq15 Minute	41	52.3	Non-project related traffic dominant noise source. BH2T works compliant
21 Cahill Cl, Black Hill, NSW, Australia	NCA01A	10/09/2026	21:01	Attended	LAeq15 Minute	51	53.1	Non-project related traffic dominant noise source. BH2T works compliant
14 Walter Pde, Black Hill, NSW, Australia	NCA01B	10/09/2026	21:24	Attended	LAeq15 Minute	41	46.9	Non-project related traffic dominant noise source. BH2T works compliant
21 Cahill Cl, Black Hill, NSW, Australia	NCA01A	10/09/2026	23:57	Attended	LAeq15 Minute	51	50.6	BH2T works compliant
14 Walter Pde, Black Hill, NSW, Australia	NCA01B	11/09/2026	00:21	Attended	LAeq15 Minute	41	46.9	Non-project related traffic dominant noise source. BH2T works compliant
8–24 Carr Pl, Beresfield, NSW, Australia	NCA04a	24/09/2026	20:46	Attended	LAeq15 Minute	54	55.1	Non-project related traffic dominant noise source. BH2T works compliant
75 Allendale St, Beresfield, NSW, Australia	NCA04a	24/09/2026	21:10	Attended	LAeq15 Minute	54	50.4	BH2T works compliant
8–24 Carr Pl, Beresfield, NSW, Australia	NCA04a	25/09/2026	00:54	Attended	LAeq15 Minute	46	45.7	BH2T works compliant
14–18 Beth St, Beresfield, NSW, Australia	NCA04a	25/09/2026	01:18	Attended	LAeq15 Minute	46	52.3	Non-project related traffic dominant noise source. BH2T works compliant
23 Cahill Cl, Black Hill NSW 2322, Australia	NCA01A	25/09/2026	11:11	Attended	LAeq15 Minute	56	55.3	BH2T works compliant