

# Cross River Rail Project

## Monthly Environmental Report

*July 2025*

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# Executive Summary

This Monthly Environmental Report (MER) has been produced for Project Works undertaken on site for July 2025 for the Rail, Integration and Systems (RIS), and Tunnel, Stations and Development (TSD) packages. The report addresses the obligations outlined in the Coordinator-General's change report – Coordinator-General's change report – no. 15 (March 2025) and the individual contractor's Construction Environmental Management Plans (CEMPs), which have been developed generally in accordance with the Project's Outline Environmental Management Plan (OEMP). The Cross River Rail Delivery Authority (Delivery Authority), as the Proponent of the Cross River Rail Project, is required to submit a monthly report to the Coordinator-General to demonstrate compliance with the imposed conditions.

Section 1 of this report provides a background to the project and the Coordinator-General's conditions. Section 2 provides a review of the contractor's reports contained in Appendix A (RIS Monthly Report) and Appendix B (TSD Monthly Report).

The Environmental Monitor (EM) has reviewed and endorsed this MER. This endorsement follows ongoing and new document reviews, and surveillance across the relevant project worksites.

The CEMPs prepared by both Unity Alliance (RIS Contractor) and CBGU JV on behalf of Pulse (TSD Contractor) for their Relevant Project Works were endorsed by the EM and submitted to the Coordinator-General in accordance with Condition 4(a) and 4(b) respectively.

The table below presents a summary of compliance status against each condition with a short comment for each:

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
1.	<b>General conditions</b> – compliance with the Project Changes relevant to the contractor's scope	Yes	The CEMP and site management plans are in accordance with the Project Changes.
2.	<b>Outline Environmental Management Plan</b> – timely submission to the Coordinator-General including required sub-plans	Yes	OEMP dated June 2020 is effective for the reporting period.

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
3.	<b>Design</b> – achievement of the Environmental Design Requirements	NA	Ongoing progress with design packages.
4.	<b>Construction Environmental Management Plan</b> – all relating to Relevant Project Works.	Yes	RIS – CEMP Revision 13 covering full scope of RIS works is effective from 14 March 2022.  TSD – CEMP Revision 12 covering full scope of TSD works is effective from 6 June 2024.
5.	<b>Compliance and Incident management</b> – Non-compliance events, notifications and reporting.	Yes	No Non-Compliance Event (NCE) was reported in July 2025.
6.	<b>Reporting</b> – Monthly and Annual reporting.	Yes	This MER, including RIS and TSD Monthly Reports, has been submitted in accordance with the conditioned requirements.  Refer to <b>Appendix A</b> and <b>Appendix B</b> .
7.	<b>Environmental Monitor (EM)</b> – engaged and functions resumed.	Yes	Ongoing weekly site inspections and document reviews continue to take place.
8.	<b>Community Relations Monitor (CRM)</b> – engaged and functions resumed.	Yes	Ongoing.
9.	<b>Community Engagement Plan</b> – developed and endorsed by Environmental Monitor.	Yes	CEMPs endorsed with Community Engagement Plan.
10.	<b>Hours of work</b> – Project Works undertaken during approved hours.	Yes	Project Works have been undertaken in accordance with project requirements. This has been achieved through Standard Working Hours, Extended work hours and Managed Work.
11.	<b>Noise</b> – Project Works must aim to achieve internal noise goals for human health and well-being.	Yes	Noise monitoring met project noise requirements at Sensitive Places.  RIS – Noise monitoring was undertaken to monitor construction impacts at sensitive places. Noise monitoring confirmed project requirements were met. Refer to <b>Appendix A</b> (Section 2.1 and Table 1).

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
			TSD – Noise monitoring was undertaken to monitor construction impacts at sensitive places. Noise monitoring confirmed project requirements were met. Refer to <b>Appendix B</b> (Section 3.2 and Table 3).
	<b>Vibration</b> – Project Works must aim to achieve vibration goals for cosmetic damage, human comfort and sensitive building contents.	Yes	<p>Vibration monitoring met project requirements at Sensitive Places.</p> <p>RIS – Vibration monitoring occurred at Clapham Yard. The contractor confirmed the monitoring results met project requirements. See <b>Appendix A</b> (Section 2.2 and Table 2).</p> <p>TSD – Vibration monitoring occurred at Boggo Road. The contractor confirmed the monitoring results met project requirements. See <b>Appendix B</b> (Section 3.1 and Table 2).</p>
12.	<b>Property damage</b> – relating to ground movement.	Yes	<p>RIS – Vibration modelling has been undertaken for Relevant Project Works, and Property Damage Sub-plans have been developed and implemented. Pre-condition surveys have been completed at heritage, commercial and residential buildings at RNA, Northern Corridor and Dutton Park to Salisbury stations.</p> <p>TSD – Vibration modelling has been prepared and is ongoing. Where required, building condition survey reports are completed for heritage and residential buildings.</p>
13.	<b>Air quality</b> – Works must aim to achieve air quality goals for human health and nuisance.	Yes	<p>Air quality monitoring met Project air quality requirements.</p> <p>RIS – Contractor confirmed they continued to meet the requirements under Condition 13 and the OEMP. Refer to <b>Appendix A</b> (Section 2.3 and Table 3, plus Figures 1, 2, and 3).</p> <p>TSD – Contractor confirmed they continued to meet the requirements under Condition 13 and the OEMP. Refer to <b>Appendix B</b> (Section 3.3 and Table 4 and 5).</p>

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
14.	<b>Traffic and transport</b> – Works must minimise adverse impacts on road safety and traffic flow.	Yes	Traffic Management Plans are covered in the CEMPs. Sub-plans for all active worksites have been reviewed by the EM.
15.	<p><b>Water quality</b> – Works must not discharge groundwater from the construction site above the relevant environmental values and water quality objectives.</p> <p>Monitor and report on water quality in accordance with CEMP and Sub-plans.</p>	Yes	<p>Monitoring and reporting on groundwater and surface water quality was undertaken in accordance with RIS and TSD Water Quality Management Plans.</p> <p>RIS – No groundwater discharges occurred during July 2025.</p> <p>Post rainfall monitoring was triggered as per Condition 15(b). Refer to <b>Appendix A</b> (Section 2.4.1, Figure 4 and Table 4) for further information.</p> <p>Routine surface water monitoring (biannual) occurred in receiving waters of RIS project sites. The RIS contractor confirmed the project outcomes were met. Refer to <b>Appendix A</b> (Section 2.4.2 and Table 5) for further details.</p> <p>TSD – Active discharge of groundwater occurred from Albert Street. Monitoring results of groundwater quality prior to discharge is consistent with the pre-construction water quality levels. Refer to <b>Appendix B</b> (Section 3.4.1 and Table 6) for groundwater monitoring results.</p> <p>Surface water discharges occurred at the Northern and Southern Portals. The monitoring results demonstrated surface water discharges met project water quality discharge criteria. Refer to <b>Appendix B</b> (Section 3.4.2 and Table 7) for surface water monitoring results.</p> <p>Routine surface water monitoring occurred across TSD project sites. The TSD contractor confirmed the project outcomes were met. Refer to <b>Appendix B</b> (Section 3.5 and Table 8) for further details.</p>
16.	<b>Water resources</b> – Evaluate potential impact, plan works, implement controls and monitor inflow of groundwater associated	Yes	RIS – There is no sustained groundwater extraction involved in the RIS scope of works so predictive modelling of groundwater drawdown is not required. Collection of hydrological data to model

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
	with drawdown.		potential inflow rates into excavations during construction has been undertaken.  TSD – Inflow of groundwater into the worksites is being continuously monitored to validate the predictive modelling.
17.	<b>Surface water</b> – Must be designed to avoid inundation from stormwater due to a 2-year (6hr) ARI rainfall event and flood waters due to a 5-year ARI rainfall event and constructed to avoid afflux or cause the redirection of uncontrolled surface water flows, including stormwater flows, outside of worksites.	Yes	Contractors continue to consider this condition in their site planning and design.
18.	<b>Erosion and sediment control</b> – Provisions for erosion and sediment control must be consistent with the Guidelines for Best Practice Erosion and Sediment Control (International Erosion Control Association, 2008) and the Department of Transport and Main Roads' Technical Standard MRTS52.	Yes	Site specific ESC plans for all active work sites have been reviewed by the EM and implemented on site.
19.	<b>Acid sulfate soils</b> – managed as per the Queensland Acid Sulfate Soil Technical Manual.	Yes	Acid Sulfate Soil Management Plans have been prepared and implemented for all active worksites.
20.	<b>Landscape and open space</b> – general requirement to minimise impacts on landscapes and open space values and specific requirements around Victoria Park.	Yes	The construction of a temporary access road through Victoria Park was undertaken under a Heritage Exemption Certificate approved by the Department of the Environment, Tourism, Science and Innovation (DETSI) on 24 July 2021. Consideration has been taken to minimise loss of trees and the area of park impacted during these temporary works. Replanting works have occurred and the area returned to BCC.

Imposed Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
21.	<b>Worksite rehabilitation</b> – worksites rehabilitated as soon as practicable upon completion of works or commissioning, and in consultation with Brisbane City Council.	N/A	N/A

## Non-Compliance Events

There were no NCEs recorded in July 2025.

# Definitions

Acronym	Definition
ARI	Average Recurrence Interval – The average or expected value of the periods between exceedances of a given rainfall total accumulated over a given duration.
CEMP	Construction Environmental Management Plan
CGCR	Coordinator-General's Change Report
CRM	The Community Relations Monitor engaged in accordance with Imposed Condition 8
Contractor	The contractors appointed to design, construct, and commission the Project
Coordinator-General	The corporation sole preserved, continued, and constituted under section 8 of the SDPWO Act.
CRR	Cross River Rail
DAP	Directly Affected Persons
DETSI	Department of Environment, Tourism, Science and Innovation
EIS	Environmental Impact Statement
EM	The Environmental Monitor engaged in accordance with Imposed Condition 7
ESC	Erosion and sediment control
IECA	International Erosion Control Association
Imposed condition/s	A condition/s imposed by the Coordinator-General under section 54B of the SDPWO Act for the Project
MER	Monthly Environment Report
MRTS52	Transport and Main Roads Specifications MRTS52 Erosion and Sediment Control
NCE	Non-Compliance Event
OEMP	Outline Environmental Management Plan
Project	The Cross River Rail Project
Project Works	As defined in the Imposed Conditions
Proponent	The Cross River Rail Delivery Authority
RfPC	Request for Project Change
RIS	Rail, Integration and Systems
SDPWO Act	<i>State Development and Public Works Organisation Act 1971</i>
Sub-plan	Any sub-plan of the CEMP
The Delivery Authority	The Cross River Rail Delivery Authority
TSD	Tunnel, Stations and Development

# 1. Introduction

## 1.1. Background

The Cross River Rail Project (the Project) is a declared coordinated project under the State Development and Public Works Organisation Act 1971 (SDPWO Act). The CRR Environmental Impact Statement (EIS) was evaluated by the Coordinator-General who recommended the Project proceed, subject to Imposed Conditions and recommendations. Since the evaluation of the EIS, several Requests for Project Change (RfPC) submissions have been evaluated by the Coordinator-General. RfPC 15 was endorsed on 07 March 2025 by the Coordinator-General.

The Coordinator-General has imposed conditions on the Project that apply throughout the design, construction, and commissioning phases. These are referred to as the Imposed Conditions. In addition, the Coordinator-General has approved the Project's OEMP which outlines the environmental management framework for the Project. The OEMP includes environmental outcomes and performance criteria which must be achieved for the Project.

Imposed Conditions 5 and 6 nominate the compliance and reporting requirements for the Project. This monthly report addresses these requirements.

## 1.2. Project Delivery

The Delivery Authority is responsible for planning and delivering the Project. The Project established environmental management plans and secured some of the secondary environmental approvals in addition to enabling works.

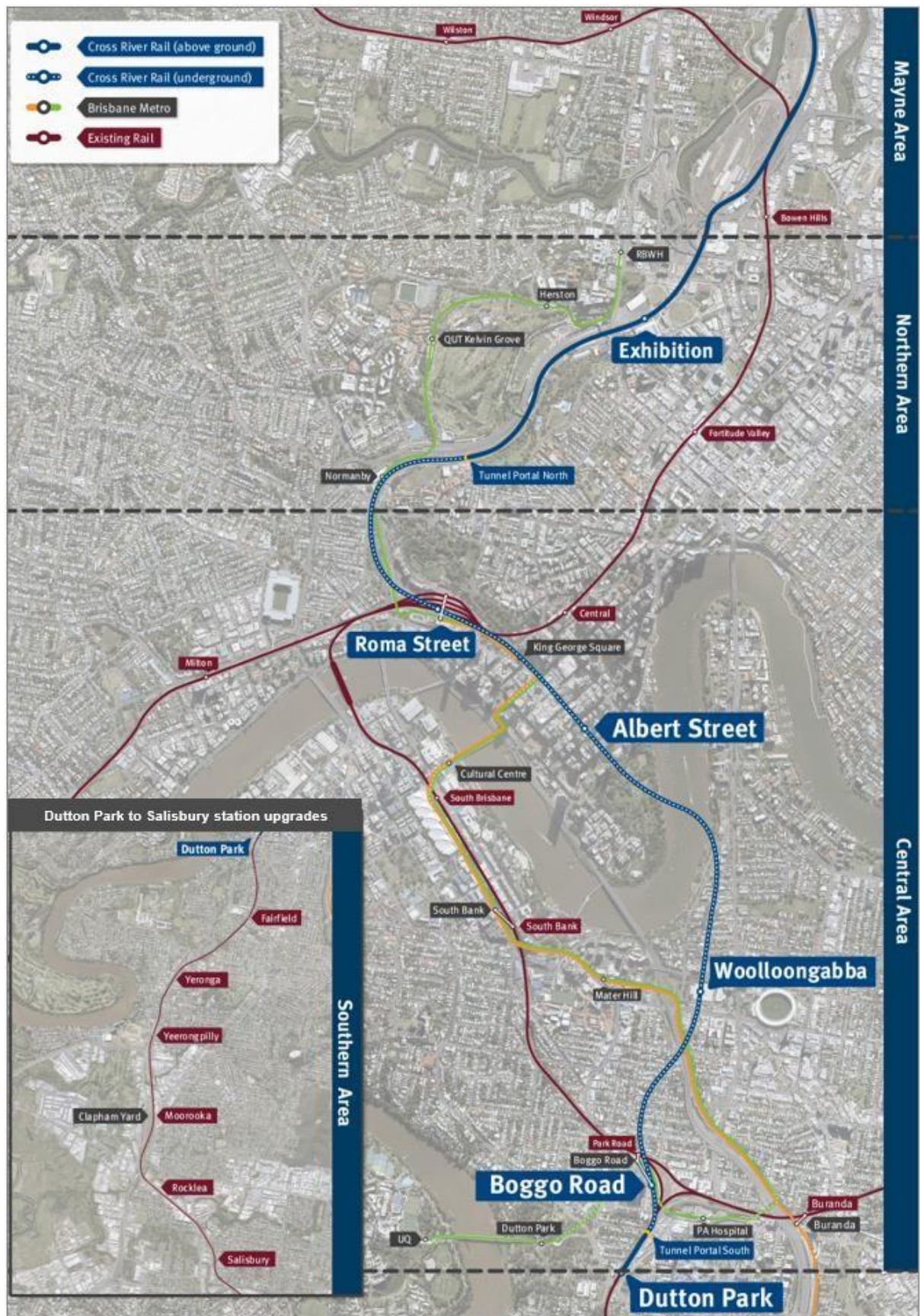
The two main delivery packages which require reporting under the Coordinator-General's imposed conditions are:

- Tunnel, Stations and Development (TSD) being delivered by CBGU JV; and
- Rail, Integration and Systems (RIS) being delivered by Unity Alliance.

The Project is geographically divided into four areas:

- Mayne Area;
- Northern Area;
- Central Area; and
- Southern Area.

These areas and delivery packages are shown in the figure below.



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### 1.3. Reporting Framework

This MER has been prepared to comply with Imposed Conditions 6 and 7 of the Coordinator-General Change Report (CGCR) and includes:

- monitoring data and associated interpretation of the results required by the imposed conditions and Construction Environmental Management Plan (CEMP);
- details of any NCEs, including incidents, corrective actions, and preventative actions; and
- details of any complaints, including description, responses, and corrective actions.

Reporting on environmental elements captured in each monthly environmental report, including the annual environmental report, is reviewed and endorsed by the EM

### 1.4. Monthly Environment Report Endorsement

This MER has been endorsed by the EM and the endorsement provided to the Coordinator-General.

## 2. Compliance Review

This MER has been reviewed and endorsed by the EM as per Imposed Condition 7 of the CGCR.

### 2.1. Relevant Project Works

The following Project Works were undertaken in July 2025:

Area	Project Works
Mayne Area	<p><b>Mayne Yard North –</b></p> <ul style="list-style-type: none"><li>• Practical Completion (PC) Part 2 submitted.</li></ul> <p><b>Mayne Yard East –</b></p> <ul style="list-style-type: none"><li>• Footpath installation ongoing;</li><li>• Signal and OHLE foundations ongoing;</li><li>• Tier 1 Stabling Yard Fence continuing;</li><li>• Drainage and Combined Services Route (CSR) ongoing in Mayne East entry roads and Mayne neck;</li><li>• Yard lighting fixtures handed over to testing and commissioning (T&amp;C); and</li><li>• Low voltage (LV), comms cabling terminations and testing ongoing.</li></ul>
Northern Area	<p><b>RNA / Exhibition –</b></p> <ul style="list-style-type: none"><li>• T&amp;C of LV systems completed;</li><li>• Museum link area completed;</li></ul>

Area	Project Works
	<ul style="list-style-type: none"> <li>• Demobilisation of Ekka compound completed; and</li> <li>• Final defect close out commenced.</li> </ul> <p><b>Northern Corridor –</b></p> <ul style="list-style-type: none"> <li>• Northern Portal Enhanced Radio System (ERS) remains waiting handover from TSD to complete T&amp;C;</li> <li>• Corridor rail furniture installation completed;</li> <li>• Hydroseeding of batters completed;</li> <li>• Existing route investigations and removal of redundant cabling ongoing;</li> <li>• Corridor drainage and Rail Maintenance Access Road (RMAR) completions ongoing; and</li> <li>• Final defect close out ongoing.</li> </ul>
Central Area	<p><b>Roma Street –</b></p> <ul style="list-style-type: none"> <li>• Pocket Park – Makerston right turn complete and services along Roma Street ongoing;</li> <li>• Canopy roofing eaves cladding nearing completion and south/east scaffold drop commence;</li> <li>• Construction of ticket office commenced;</li> <li>• Lift 3 and 4 installation nearing completion;</li> <li>• Balustrade glazing commenced for escalators 1A to 4A fitout;</li> <li>• External cladding installation complete; and</li> <li>• In the cavern – progressive front of house services fitout continues, platform screed completed and tiling at 90%.</li> </ul> <p><b>Albert Street –</b></p> <ul style="list-style-type: none"> <li>• Lot 1 – Finalising internal Jump Form cycle pours above ground level (Jump 24 commenced), mechanical and electrical (M&amp;E) fitout ongoing throughout, fan installation on B7 ongoing and Energex room high level services installation nearing completion;</li> <li>• Lot 2 – fitout glazing and mechanical install complete on all escalators, hearing aid loop conduits installed in platform tile screed complete and B4 balustrade install ongoing;</li> <li>• Lot 3 – glazing on level 0 to level B4 nearing completion, escalator installation complete and birdcage scaffold removed and stormwater downpipes and connections complete; and</li> <li>• Green Spine – removal of existing tiles and installation of new tiles ongoing.</li> </ul> <p><b>Woolloongabba –</b></p> <ul style="list-style-type: none"> <li>• Canopy façade glazing ongoing;</li> <li>• East West Road works ongoing;</li> <li>• Ticket office build out ongoing;</li> <li>• Baffle ceiling at B6 ongoing;</li> <li>• Water feature installation continues; and</li> <li>• Escalator fitout in progress.</li> </ul> <p><b>Tunnel fitout –</b></p>

Area	Project Works
	<ul style="list-style-type: none"> <li>Ongoing M&amp;E fitout works in the tunnel with tunnel fitout works nearing completion.</li> </ul> <p><b>Boggo Road –</b></p> <ul style="list-style-type: none"> <li>Concrete to in situ structure nearing completion;</li> <li>Reinforcement to in situ structure nearing completion;</li> <li>Continuing above ground structure construction;</li> <li>Platform screen doors installation complete and commissioning commenced;</li> <li>Platform tiling commenced;</li> <li>BoH M&amp;E fitout ongoing; and</li> <li>Canopy roof sheeting installation 35% complete as canopy installation continues across multiple stages.</li> </ul> <p><b>Southern Portal –</b></p> <ul style="list-style-type: none"> <li>Yamma Bridge – all topping slabs complete and repainting continues;</li> <li>Removal of temporary propping towers commenced; and</li> <li>Closure of temporary access dive complete.</li> </ul>
Southern Area	<p><b>Southern / Dutton Park –</b></p> <ul style="list-style-type: none"> <li>Progressed with general corridor completion works such as corridor drainage civils and completions;</li> <li>Form, Reinforcement, Pour (FRP) works of retaining wall along Kent Street continues;</li> <li>Fibre terminations and testing; and</li> <li>Design work ongoing with Kent St.</li> </ul> <p><b>Yeerongpilly station –</b></p> <ul style="list-style-type: none"> <li>PC Part 2 submitted; and</li> <li>Indigenous artwork installation completed.</li> </ul> <p><b>Clapham Yard –</b></p> <ul style="list-style-type: none"> <li>Phase 2 fencing scope balance ongoing;</li> <li>Crew Maintenance Facility building FRP foundations and walls continues;</li> <li>Ongoing drainage, earthworks and hydraulics scope;</li> <li>CSR works ongoing; and</li> <li>Chale Street carpark completed.</li> </ul> <p><b>Moorooka station –</b></p> <ul style="list-style-type: none"> <li>In-ground services commenced;</li> <li>Moorooka station retaining wall works ongoing;</li> <li>Procurement of key packages underway; and</li> <li>Temporary Ipswich Road traffic signal design underway.</li> </ul> <p><b>Rocklea station –</b></p> <ul style="list-style-type: none"> <li>PC Part 2 submitted; and</li> </ul>

Area	Project Works
	<ul style="list-style-type: none"> <li>Indigenous artwork installation completed.</li> </ul> <p><b>Salisbury –</b></p> <ul style="list-style-type: none"> <li>Platform 1 and 2: service fit off, painting, edge brackets and supercope completed whilst building fitout ongoing;</li> <li>Platform 3: platform slabs ongoing;</li> <li>Overpass stair screens ongoing;</li> <li>Dollis Street road works completed;</li> <li>Lillian Avenue precinct works ongoing; and</li> <li>Commencement of lifts.</li> </ul>

## 2.2. Key Environmental Elements

### 2.2.1. Noise

The Coordinator-General's conditions establish a framework for managing the impacts of noise. The Imposed Conditions do not establish noise limits. Compliance with the Imposed Conditions noise requirements involve demonstrating the implementation of the endorsed CEMP and associated Noise and Vibration Management Plan. This establishes the management measures to be applied which aims to achieve the identified noise goals as far as reasonably practicable. The CEMP also includes requirements for the provision of the required community notifications of upcoming work, potential impacts, and how the project team can be contacted in relation to any potential impacts.

For Project Works where potential noise impacts are modelled to be above the noise goal but below the noise goal plus 20dBA, this work is authorised where the endorsed CEMP and associated Noise and Vibration Management Plan is being implemented, including communicating construction activities to potential and actual Directly Affected Persons (DAPs). For Project Works where potential noise impacts are predicted to be more than 20dBA above the relevant noise goal, specific engagement is required with DAPs for these works.

Where internal monitoring was not possible, contractors have undertaken external monitoring at nominated locations. To assess external monitoring and determine compliance with the project's noise requirements, the project applies recommended façade attenuation corrections, which considers receiver property type.

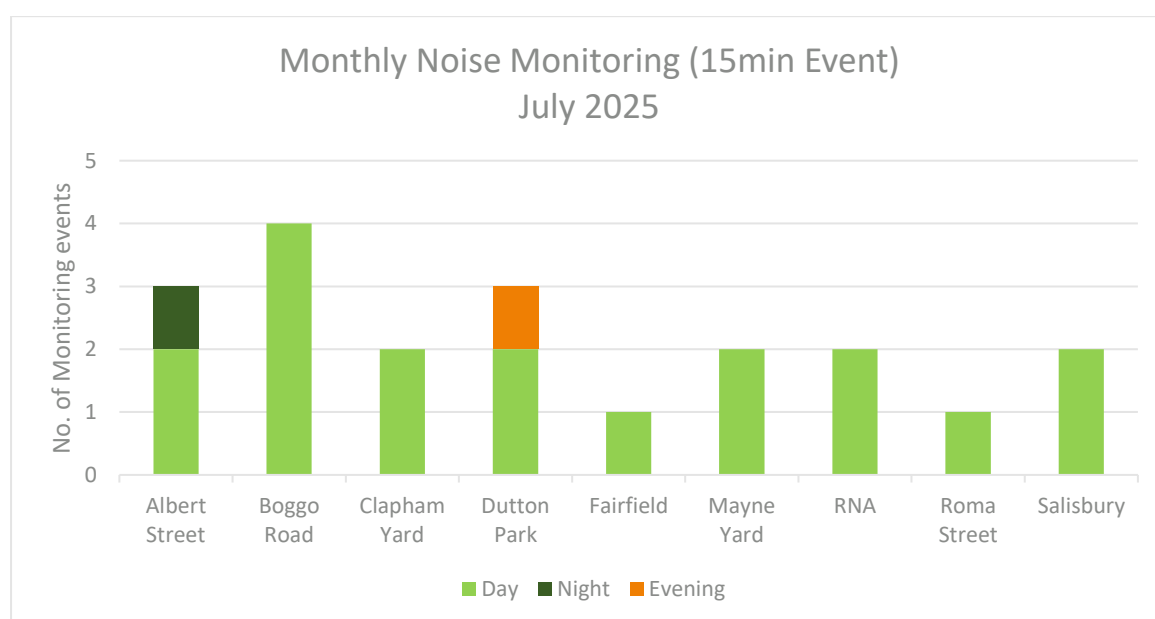
In the Mayne Area, noise monitoring was undertaken to monitor construction impacts at sensitive places for SCAS track works at Mayne Yard. The RIS contractor reported that the project noise requirements have been met during this reporting month. Monitoring results for the Mayne Area are detailed in **Appendix A** (Section 2.1 and Table 1).

In the Northern Area, noise monitoring was undertaken to monitor construction impacts at sensitive places for site office demobilisation at RNA / Exhibition station. The RIS contractor reported that the project noise requirements have been met during this reporting month. Monitoring results for the Northern Area are detailed in **Appendix A** (Section 2.1 and Table 1).

In the Central Area, noise monitoring was undertaken to monitor for model verification and construction monitoring at sensitive places for general construction works and concrete works at Albert Street. Noise monitoring was undertaken for construction monitoring at sensitive places for demolition works at Roma Street and for model verification and construction monitoring at sensitive places for demolition works at Boggo Road. The TSD contractor reported that the project noise requirements have been met during this reporting month. Monitoring results for the Central Area are detailed in **Appendix B** (Section 3.2 and Table 3).

In the Southern Area, noise monitoring was undertaken to monitor construction impacts at sensitive places for rail overhead line works at Fairfield station, drainage works and SCAS civil and track works at Dutton Park, concrete demolition and track works at Clapham Yard and for station civil works at Salisbury. The RIS contractor reported that the project noise requirements have been met during this reporting month. Monitoring results for the Southern Area are detailed in **Appendix A** (Section 2.1 and Table 1).

For areas where monitoring was not completed, including the Out of Hours works, potential noise levels have been previously assessed and monitored for similar activities. Subsequently these works and their potential noise levels were deemed consistent with previous monitoring undertaken for the project across the relevant locations. A summary of noise monitoring events for the month is provided in the chart below:



## 2.2.2. Vibration

In the Northern Area, vibration monitoring ceased at the State heritage listed John MacDonald Stand as the RIS Contractor demobilised from the RNA / Exhibition station in July 2025. The Exhibition Station has now been constructed and handed over to QR.

In the Central Area, vibration monitoring occurred on Joe Baker Street at Boggo Road. The TSD contractor reported the vibration requirements have been met. Monitoring results are detailed in **Appendix B** (Section 3.1 and Table 2).

In the Southern Area, vibration monitoring occurred on Evesham Street at Clapham Yard. The RIS contractor reported the vibration requirements have been met. Monitoring results are detailed in **Appendix A** (Section 2.2 and Table 2).

For the Mayne and Northern Areas, no vibration monitoring was undertaken during the period, and no complaint-based vibration monitoring was triggered.

## 2.2.3. Air Quality

### 2.2.3.1. Dust Deposition

Dust deposition monitoring was conducted at Mayne, Northern, Central and Southern Areas. Results met the project air quality goal<sup>1</sup> for all active worksites. See **Appendix A** (Section 2.3.1, Table 3 and Figure 1) and **Appendix B** (Section 3.3.1 and Table 4).

A summary of the dust deposition results for the reporting period are in the table below:

Air Quality – Dust Deposition Monitoring			
Area	Worksite	Monitoring Location	Comments
Mayne Area	Mayne Yard	Mayne Yard North	- Results met air quality goal.
Northern Area	RNA / Exhibition	RNA Showgrounds	- Results met air quality goal.
	Northern Portal	Northern Portal (near Brisbane Girls Grammar School)	- Results met air quality goal.
Central Area	Albert Street	Mary Street	- Results met air quality goal.
		Elizabeth Street	- Results met air quality goal.
	Boggo Road	Quarry Street (north of the site)	- Results met air quality goal.
		Peter Doherty Street/Leukaemia Foundation	- Results met air quality goal.

	Southern Portal	PA Hospital - Central Energy Unit along Kent Street	- Results met air quality goal.
	Roma Street	Roma Street station	- Results met air quality goal.
	Woolloongabba	Russian Orthodox Cathedral	- Results met air quality goal.
		Woolloongabba Busway	- Results met air quality goal.
<b>Southern Area</b>	Dutton Park	Kent Street	- Results met air quality goal.
	Yeerongpilly	Yeerongpilly	- Results met air quality goal.
	Clapham Yard	Clapham Yard	- Results met air quality goal.
	Salisbury	Salisbury station car park	- Results met air quality goal.
		Salisbury Fairlie Terrace	- Results met air quality goal.

<sup>1</sup>CG air quality goal for dust deposition - 120µg/m<sup>2</sup> (over an averaging period of 30 days).

### 2.2.3.2. Particulate Matter and Total Suspended Particulates

Monitoring for particulate matter (PM<sub>10</sub>) and total suspended particulates (TSP) was conducted at Mayne, Northern, Central and Southern Area worksites during the reporting period. Both contractors confirmed their results obtained throughout the month met the project goals at all active worksites.

In the Northern Area, monitoring occurred during the site demobilisation from the RNA worksite and was then decommissioned. Air quality levels were below the air quality goals during decommissioning. Refer to **Appendix A** (Section 2.3.3 and Figure 2 and 3) for further information.

In the Central Area, the Woolloongabba air quality monitoring unit was returned from the technician and operational from 2 July 2025. The Albert Street air quality monitor continued to experience intermittent technical difficulties throughout July 2025. As soon as practicable, the unit was inspected, and the issue was resolved. The relocation of the Albert Street air quality unit did not resolve the battery issue, and the contractor has ordered a replacement battery to resolve the problem. The battery will be changed in August 2025. The nearby DETSI (Brisbane CBD and South Brisbane) air quality monitoring stations confirmed air quality levels were below the air quality goals during the outage periods. Refer to **Appendix B** (Section 3.3.2, Table 5 and Figure 1 and 2).

In the Southern Area, the Clapham Yard mobile air quality unit experienced technical issues on 31 July 2025. A new mobile air quality unit was deployed to site as soon as practicable. The contractor confirmed construction works were appropriately managed according to the air quality

management plan. Dust mitigation measures were in place and no dust-related complaints were received, ensuring the contractor met the project goals set out by the Imposed Conditions. Refer to **Appendix A** (Section 2.3.3 and Figure 2 and 3) for further information.

A summary of particulate monitoring is provided in the table below:

Air Quality – PM <sub>10</sub> / TSP Monitoring			
Area	Worksite	Monitoring Location	Comments
Mayne Area	Mayne Yard	Mayne Yard East	- Results met air quality goals.
Northern Area	RNA / Exhibition	RNA showgrounds	- Results met air quality goals. - Air quality monitor decommissioned as the contractor demobilised from site.
Central Area	Albert Street	iStay River City and Capri (Corner of Mary Street and Albert Street)	- Results met air quality goals. - Technical difficulties experienced throughout the reporting period.
	Boggo Road / Southern Portal	North-East of Boggo Road worksite	- Results met air quality goals.
	Woolloongabba	Place Park, Woolloongabba	- Results met air quality goals. - Monitor operational from 2 July 2025.
Southern Area	Clapham Yard	Clapham Yard	- Results met air quality goals. - Technical difficulties experienced on 31 July 2025.

## 2.2.4. Water Quality

Water quality monitoring and reporting was undertaken in accordance with the contractors CEMP and Water Quality Management Plans.

### 2.2.4.1. Surface Water

During July 2025, active surface water discharges occurred in the Northern, Central and Southern Areas and post-rainfall water quality monitoring was triggered in the Southern Area.

In the Northern Area, active surface water discharge monitoring occurred on three (3) occasions at Northern Portal. Five (5) monitoring results for the previous reporting period were included in this month's report for Northern Portal. The monitoring results demonstrated active surface water

discharges met project water quality discharge criteria. Refer to **Appendix B** (Section 3.4.2 and Table 7) for further details.

In the Central Area, active surface water discharge monitoring occurred on one (1) occasion at Southern Portal. The monitoring results demonstrated active surface water discharges met project water quality discharge criteria. Refer to **Appendix B** (Section 3.4.2 and Table 7) for further details.

In the Southern Area, post-rainfall monitoring was triggered on 24 of July 2025 in receiving waters of Salisbury station and Clapham Yard. The results reflect the condition of the broader catchment upstream from the worksites. Refer to **Appendix A** (Section 2.4, Figure 4 and Table 4) for further details.

Routine surface water monitoring was undertaken across the TSD worksites during the reporting period. Results from the locations reflect the condition of the broader catchment upstream from the worksites. Refer to **Appendix B** (Section 3.5 and Table 8) for further details.

Bi-annual routine surface water monitoring was undertaken on 17 July 2025 across the RIS worksites during the reporting period. Results from the locations reflect the condition of the broader catchment upstream from the worksites. Refer to Appendix A (Section 2.4.2 and Table 5) for further details.

Surface water quality monitoring is summarised in the table below:

Surface Water Quality Monitoring					
Area	Worksite	Discharge	Post-Rain Monitoring	Routine Monitoring	Comments
<b>Mayne Area</b>	Mayne Yard North	No	No	Yes	<ul style="list-style-type: none"> <li>- Bi-annual routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
<b>Northern Area</b>	Exhibition / RNA	No	No	Yes	<ul style="list-style-type: none"> <li>- Bi-annual routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Northern Portal	Yes	No	Yes	<ul style="list-style-type: none"> <li>- Active surface water discharge met water quality investigation criteria.</li> <li>- Post-rainfall monitoring undertaken.</li> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>

Surface Water Quality Monitoring					
	Northern Corridor	No	No	Yes	<ul style="list-style-type: none"> <li>- Bi-annual routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
Central Area	Albert Street	No	No	Yes	<ul style="list-style-type: none"> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Boggo Road	No	No	Yes	<ul style="list-style-type: none"> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Roma Street	No	No	Yes	<ul style="list-style-type: none"> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Woolloongabba	No	No	Yes	<ul style="list-style-type: none"> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Southern Portal	Yes	No	Yes	<ul style="list-style-type: none"> <li>- Active surface water discharge met water quality investigation criteria.</li> <li>- Routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
Southern Area	Dutton Park	No	No	No	<ul style="list-style-type: none"> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Clapham Yard	No	Yes	Yes	<ul style="list-style-type: none"> <li>- Post-rainfall monitoring undertaken.</li> <li>- Bi-annual routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>
	Salisbury	No	Yes	Yes	<ul style="list-style-type: none"> <li>- Post-rainfall monitoring undertaken.</li> <li>- Bi-annual routine in-stream monitoring undertaken in accordance with WQMP.</li> <li>- ESC was implemented in accordance with site specific ESC Plan.</li> </ul>

### 2.2.4.2. Groundwater

Groundwater discharge occurred at Albert Street. The groundwater discharge results exceeded relevant water quality objectives (WQOs)<sup>2</sup> for several water quality parameters. However, these results are consistent with the receiving environment baseline monitoring pre-construction data. The contractor confirmed no changes have occurred onsite to the construction methodologies that would have affected the groundwater results. Water treatment plant results will be reported quarterly. Refer to **Appendix B** (Section 3.4.1 and Table 6) for further details.

There were no groundwater discharges at Mayne, Northern or Southern Area worksites. Groundwater quality monitoring is summarised in the table below:

Groundwater Quality Monitoring			
Area	Worksite	Discharge	Comments
Mayne Area	Mayne Yard North	No	- No groundwater discharges.
Northern Area	RNA / Exhibition	No	- No groundwater discharges.
	Northern Portal	No	- No groundwater discharges.
Central Area	Albert Street	Yes	- Discharge of groundwater met Project requirements.
	Boggo Road / Southern Portal	No	- No groundwater discharges.
	Roma Street	No	- No groundwater discharges.
	Woolloongabba	No	- No groundwater discharges.
Southern Area	Clapham Yard	No	- No groundwater discharges.

<sup>1</sup> The Brisbane River Estuary environmental values and water quality objectives (Basin no 143 – mid-estuary) in the Environmental Protection (Water) Policy 2009

### 2.2.5. Erosion and Sediment Control

Site specific Erosion and Sediment Control (ESC) Plans have been prepared, updated, and implemented at Mayne Yard, RNA Showgrounds, Normanby, Northern Portal, Roma Street, Albert Street, Woolloongabba, Boggo Road, Southern Portal, Southern, Dutton Park, Clapham Yard and Salisbury worksites.

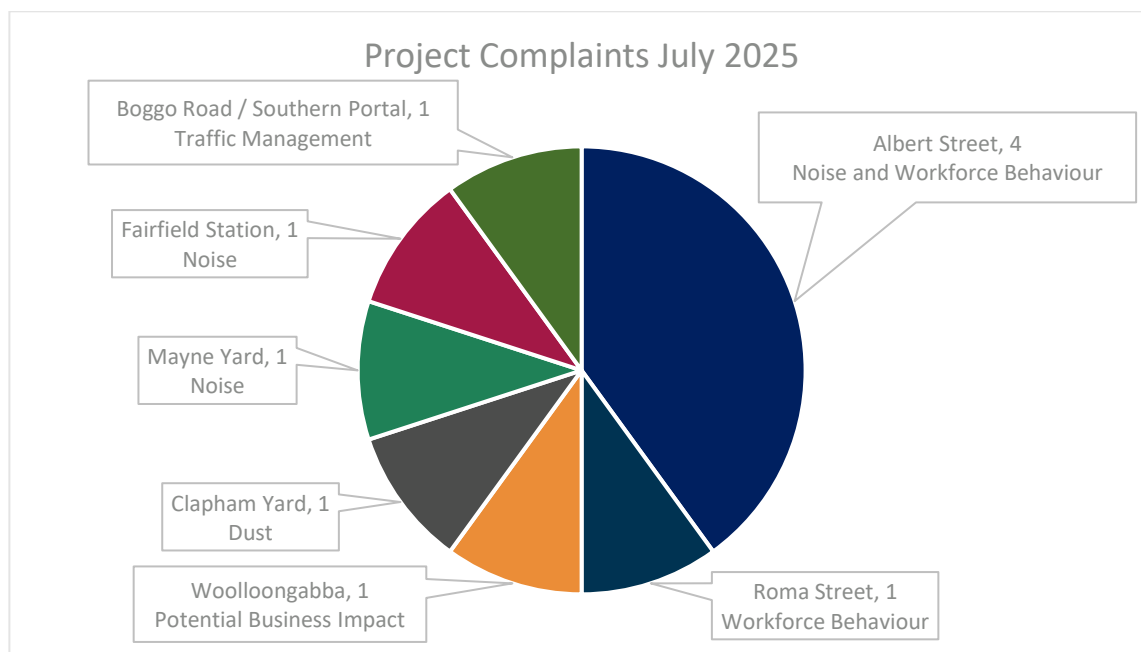
## 2.3. Complaints Management

A total of twenty-one (21) complaints were received during the month, of which ten (10) were related to Project Works.

RIS works received three (3) complaints in July 2025, relating to noise at Mayne Yard and Fairfield station and for dust at Clapham Yard. For further details and a breakdown of complaints, refer to **Appendix A** (Section 4 and Table 7).

TSD works received eighteen (18) complaints in July 2025, of which seven (7) were related to Project Works. These included noise and workforce behaviour at Albert Street, traffic management at the Boggo Road precinct and for potential business impact at Woolloongabba station due to the planned temporary closure of Gibbon Street. The majority of complaints not related to Project Works were attributed to utilities works at Albert Street undertaken by Diona on behalf of Urban Utilities. These utility works are not managed under the CG's Imposed Conditions. For further details and a breakdown of complaints, refer to **Appendix B** (Section 5 and Table 10).

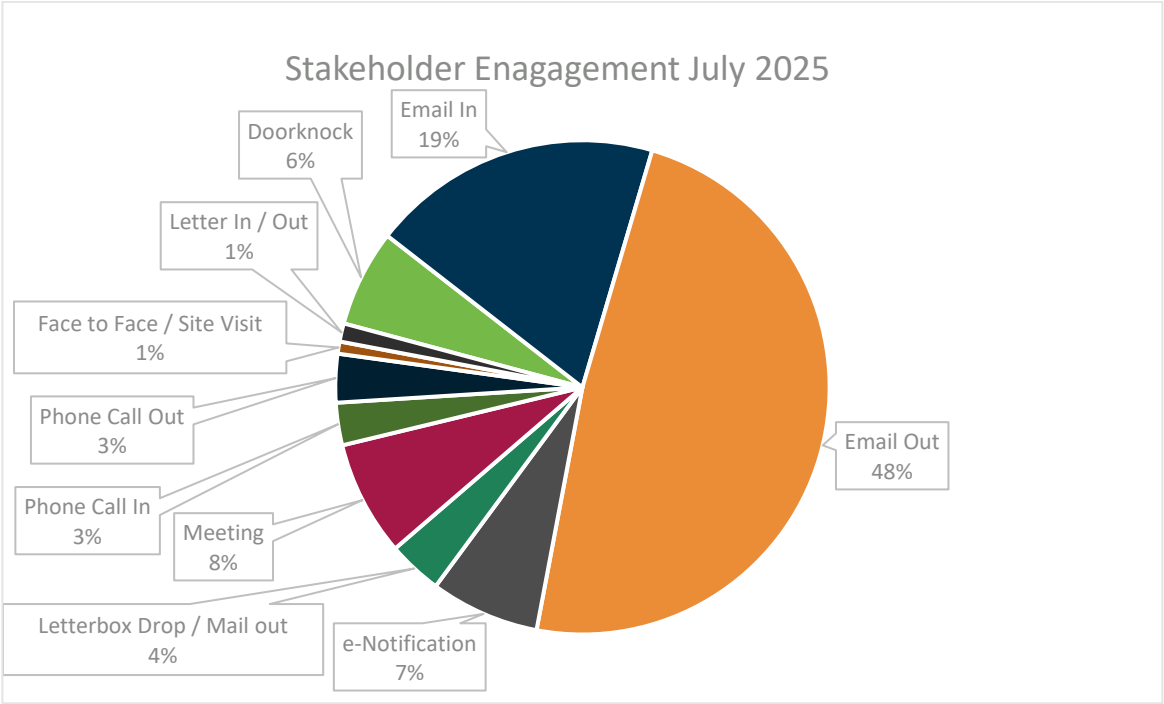
The Project Works related complaints summary for the month is provided in the chart below:



When attended noise monitoring was undertaken in response to a complaint, the contractor confirmed on all occasions that works undertaken at the time of the complaint adhered to project requirements. In all instances this month, previously attended noise monitoring data, representative of the relevant construction activities was used to confirm the works adhered to the project noise requirements.

To close out a complaint, the monitoring data is reviewed (where applicable) against compliance with the CEMP, site environmental management plans and permits, and checks that required community notification has taken place. Contractors have also confirmed that planned mitigation to reduce the impact was implemented. These controls were reviewed collectively together to verify if project requirements have been met.

For scheduled out-of-hours works, community notification was provided, as well as regular project updates. Stakeholder engagement undertaken on the project during the month is in the chart below.



2.4. New Upcoming Project Works

The key new planned Project Works for the coming months include:

Area	New planned works in the coming months
Mayne Area	<p><b>Mayne Yard North –</b></p> <ul style="list-style-type: none"> <li>Nil.</li> </ul> <p><b>Mayne Yard East / West –</b></p> <ul style="list-style-type: none"> <li>Ongoing earthworks, Combined Services Route (CSR), drainage, capping, fencing, and Rail Systems works in Mayne East entry roads;</li> <li>Low Voltage (LV) and comms cabling continues;</li> <li>Fibre terminations and testing to continue;</li> <li>Foundation works for OHLE;</li> <li>Rail track construction including formation works, ballast placement, sleeper and</li> </ul>

Area	New planned works in the coming months
	<p>rail construction, resurfacing and welding works; and</p> <ul style="list-style-type: none"> <li>Rail bridge works over Breakfast Creek.</li> </ul>
Northern Area	<p><b>RNA / Exhibition –</b></p> <ul style="list-style-type: none"> <li>RNA Show Ring 2 improvement works; and</li> <li>Prepare final submission of as-constructed works.</li> </ul> <p><b>Northern Corridor –</b></p> <ul style="list-style-type: none"> <li>Continue prep works for upcoming SCAS in September 2025;</li> <li>Continue corridor drainage and RMAR works;</li> <li>Fibre terminations and testing to continue; and</li> <li>Normanby Digital Radio System (DRS) – final integration with QR once Sequence completes their testing and handback to Unity.</li> </ul>
Central Area	<p><b>Roma Street –</b></p> <ul style="list-style-type: none"> <li>Pocket Park works;</li> <li>Continue services installation and fitout in mezzanine;</li> <li>Continue canopy works;</li> <li>Ongoing installation of Tunnel Ventilation System (TVS) exhaust fans and attenuators; and</li> <li>Platform 2 slab pour.</li> </ul> <p><b>Albert Street –</b></p> <ul style="list-style-type: none"> <li>Lot 1 – Complete internal Jump Form cycle 24 concrete pours and commence the demobilisation of the Jump form, continue blockworks, continue walls and columns FRP;</li> <li>Lot 2 – Continue M&amp;E installation, continue terrazzo tiling, Glass Fiber Reinforced Concrete (GFRC) installation and permanent electrical service install.</li> <li>Lot 3 – Continue station fitout, canopy painting and services installation; and</li> <li>Green Spine – removing existing street furniture, underground services works, demolishing works, pavement works and installing lighting and traffic signals.</li> </ul> <p><b>Woolloongabba –</b></p> <ul style="list-style-type: none"> <li>Continue glazing, cladding, stairs, lifts and escalators;</li> <li>Gibbon and Leopard Street sewer works planned to commence;</li> <li>Continue canopy and water feature works;</li> <li>LV switch rooms ready for T&amp;C; and</li> <li>Ongoing earthworks, pavement and M&amp;E fitout works.</li> </ul> <p><b>Boggo Road –</b></p> <ul style="list-style-type: none"> <li>Commence terrazzo tiling;</li> <li>Ongoing perimeter / internal wall, stair and slab pours, and M&amp;E fitout works;</li> <li>Continue canopy works and GFRC external installation;</li> <li>Complete lift installation; and</li> <li>Continue electrical terminations and continue TVS installation.</li> </ul>

Area	New planned works in the coming months
	<p><b>Southern Portal –</b></p> <ul style="list-style-type: none"> <li>• Bridge works continues with canopy and screen installation;</li> <li>• Commence lift fitout; and</li> <li>• Caisson pumping station works ongoing.</li> </ul>
Southern Area	<p><b>Southern / Dutton Park –</b></p> <ul style="list-style-type: none"> <li>• Continue works at Kent Street (building foundations, drainage, footpaths, kerb and channel and road resurfacing);</li> <li>• Continue corridor drainage, civils, OHLE works, cable routes and drainage during available SCAS including limited scope during normal weekdays where possible.</li> </ul> <p><b>Yeerongpilly Station –</b></p> <ul style="list-style-type: none"> <li>• Prepare final submission of as-constructed works.</li> </ul> <p><b>Moorooka –</b></p> <ul style="list-style-type: none"> <li>• Commence platform piling;</li> <li>• In-ground services continues;</li> <li>• Design development ongoing;</li> <li>• Procurement of key packages ongoing; and</li> <li>• Traffic Management planning ongoing.</li> </ul> <p><b>Clapham Yard –</b></p> <ul style="list-style-type: none"> <li>• SVR drainage, earthworks, hydraulics and Crew Maintenance Facility works continues;</li> <li>• Continue with procurement and early award for phase 3 works; and</li> <li>• Viaduct piling.</li> </ul> <p><b>Rocklea Station –</b></p> <ul style="list-style-type: none"> <li>• Sewer Pump Control Panel change over from temporary to permanent by late August; and</li> <li>• Prepare final submission of as-constructed works.</li> </ul> <p><b>Salisbury –</b></p> <ul style="list-style-type: none"> <li>• Continue Platform 1 and 2 building fitout;</li> <li>• Continue Platform 3 FRP;</li> <li>• Continue lift shaft fitout;</li> <li>• Continue Lilian Ave entry works; and</li> <li>• Complete overpass canopy works.</li> </ul>

## 2.5. Non-Compliance Events

No NCEs were recorded July 2025. A summary of NCEs to date is shown in the table below.

Status	Date of Event	Category	Area as on the Report	Relevant Condition	Gate 1	Gate 2	Gate 3	Gate 4
Open								
Closed								
CRRDA-001-RIS-001	9/11/19	Noise	Yeronga Station	4, 10, 11	10/11/19	14/11/19	26/11/19	18/12/19
CRRDA-002-TSD-001	27/03/20	ESC	Woolloongabba	4, 15, 18	30/03/20	31/03/20	22/04/20	11/06/20
CRRDA-003-TSD-002	27/03/20	ESC	Boggo Rd	4, 15, 18	30/03/20	31/03/20	22/04/20	11/06/20
CRRDA-004-TSD-003	28/03/20	Traffic	Boggo Rd	4, 10, 14	30/03/20	31/03/20	22/04/20	11/06/20
CRRDA-005-TSD-004	27/03/20	Reporting	Multiple sites	4, 6, 11, 13	30/03/20	31/03/20	22/04/20	11/06/20
CRRDA-006-TSD-005	27/03/20	Air Quality	Multiple sites	13	30/03/20	31/03/20	22/04/20	11/06/20
CRRDA-009-RIS-003	6/05/22	ESC	Clapham Yard	4	28/10/22	28/10/22	12/12/22	12/12/22
CRRDA-010-RIS-004	10/05/22	Acid Sulphate Soils Management	Clapham Yard	4, 19	28/10/22	28/10/22	12/12/22	12/12/22
CRRDA-11-RIS-005	23/11/22	Out Of Hours Works	Fairfield Station	4,10	14/07/23	14/07/23	14/07/23	12/09/23
CRRDA-12-RIS-006	19/04/24	Construction Traffic Management	Salisbury	4,7,14	04/07/24	04/07/24	04/07/24	11/09/24
Withdrawn								
CRRDA-007-RIS-002	1/04/20	Air Quality	Multiple sites	13	28/04/20	30/04/20	Withdrawn	
CRRDA-008-TSD-006	8/04/20	Working Hours	Roma Street	4,10	28/04/20	30/04/20	Withdrawn	

Gate 1 - EM notification to contractor. NCE confirmed

Gate 2 - 48 hour NCE notification submitted to CG

Gate 3 - 14 day report submitted

Gate 4 - 14 day report uploaded to CRR website

# Appendix A RIS Monthly Report

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# COORDINATOR-GENERAL'S MONTHLY REPORT: July 2025

Prepared in accordance with Coordinator-General Imposed Condition 6 - Reporting.

Project number:	Q01080
Document number:	RIS-UNA-ENV-MRP-06610-046
Revision date:	25/08/2025
Revision number:	01

# 1 Monthly Monitoring Summary

It is UNITY's intent to aim for the Goals and Objectives relevant to vibration, noise, air quality and water monitoring within the practical extent of delivering the Project.

Vibration monitoring was conducted on two (2) occasions during July 2025. Noise monitoring was undertaken on twelve (12) occasions in July 2025. Each monitoring event that was undertaken confirmed works adhered to Project requirements.

Ambient air quality monitoring was conducted at the RNA worksite, Mayne and Clapham Yards during July 2025. Air quality monitoring confirmed works adhered to Project requirements.

Quantitative water quality monitoring was conducted on two (2) occasions during the reporting period. Water quality monitoring was conducted in line with post-rainfall and biannual monitoring requirements. Monitoring confirmed no impacts were generated by the Project.

## 2 Environmental Monitoring Results

Monitoring data is provided below in accordance with Imposed Condition 6(b)(i).

### 2.1 Noise Monitoring

Noise requirements (levels) are defined as goals within Imposed Condition 11. The goals are to be aimed for.

The Coordinator-General's Change Report acknowledges instances where these goals may not be achieved. Noise monitoring was conducted on twelve (12) occasions during July 2025. All noise monitoring adhered to project requirements and monitoring results are detailed in the table below.

Table 1: Noise Monitoring Data

No.	Date/Time	Location (Street Name) (Construction area)	Purpose of Monitoring	Internal or External Monitoring <sup>[3]</sup>	Activity	Dominant Noise Source	Noise Goal LA10 <sup>[1]</sup>	Noise level LA10	Noise Goal LAeq <sup>[2]</sup>	Noise level LAeq	Adhered to Project Requirements (Yes / No)
1.	04/07/2025 14:00	Evesham Street, (Clapham Yard)	Construction Monitoring at Sensitive Places	External	Concrete Demolition Works	Construction Noise	65	55.3	55	53.7	Yes
2.	07/07/2025 14:40	Mildmay Street, (Fairfield)	Construction Monitoring at Sensitive Places	External	Rail Overhead Lines Works	Non-Project Related Traffic Noise	60	66.8	50	64.0	Yes
3.	07/07/2025 11:38	Wilkins Street East (Dutton Park)	Construction Monitoring at Sensitive Places	External	Drainage Works	Construction Noise	60	58.3	50	56.4	Yes
4.	07/07/2025 13:18	Railway Terrace, (Dutton Park)	Construction Monitoring at Sensitive Places	External	SCAS Civil and Track Works	Construction Noise	65	64.8	55	60.9	Yes
5.	07/07/2025 21:55	Fenton Street, (Dutton Park)	Construction Monitoring at Sensitive Places	External	Drainage Works	Construction Noise	52	62.4	45	62.8	Yes
6.	08/07/2025 14:22	O'Connell Terrace, (RNA)	Construction Monitoring at Sensitive Places	External	Site Office Demobilisation	Non-Project Related Background Noise	65	68.7	55	65.5	Yes
7.	10/07/2025 07:40	Evesham Street, (Clapham Yard)	Construction Monitoring at Sensitive Places	External	Concrete Demolition and Track Works	Construction Noise	65	59.9	55	55.4	Yes
8.	14/07/2025 11:52	O'Connell Terrace, (RNA)	Construction Monitoring at Sensitive Places	External	Site Office Demobilisation	Construction Noise	65	73.3	55	70.0	Yes
9.	23/07/2025 10:55	Mayne Road, (Mayne Yard)	Construction Monitoring at Sensitive Places	External	SCAS Track Works	Non-Project Related Background Noise	65	60.1	55	57.3	Yes
10.	24/07/2025 11:25	Tuften Street, (Mayne Yard)	Construction Monitoring at Sensitive Places	External	SCAS Track Works	Construction Noise	65	59.1	55	57.3	Yes

11.	25/07/2025 11:45	Lillian Avenue, (Salisbury)	Construction Monitoring at Sensitive Places	External	Station Civil Works	Construction Noise	60	66.4	50	63.2	Yes
12.	26/07/2025 12:25	Olivia Avenue, (Salisbury)	Construction Monitoring at Sensitive Places	External	Station Civil Works	Construction Noise	60	52.9	50	51.9	Yes

## 2.2 Vibration Monitoring

Vibration requirements (levels) are defined as goals within Imposed Condition 11. The goals are to be aimed for. The Coordinator-General's Change Report acknowledges instances where these goals may not be achieved. Vibration monitoring was conducted on two (2) occasions during July 2025. All vibration monitoring results adhered to Project requirements and are detailed in the table below.

*Table 2: Vibration Monitoring Data*

No.	Start Date	Finish Date	Location	Max Vibration Level (mm/s)	Vibration Goal (mm/s)	Adhered to Project Requirements (Yes / No)
1.	07/07/2025	14/07/2025	Wesley Mission Kitchen, Clapham Yard	1.230	10 mm/s	Yes
2.	25/07/2025	29/07/2025	Wesley Mission Kitchen, Clapham Yard	2.320	10mm/s	Yes

## 2.3 Air Quality

Air quality requirements (levels) are defined as goals within Imposed Condition 13. The goals are to be aimed for. The Coordinator-General's Change Report acknowledges instances that exist when these goals may not be achieved.

Visual monitoring was undertaken during routine environmental inspections. A total of 38 inspections were undertaken by the Environment Team throughout the reporting period across Mayne Yard, RNA Showgrounds, Northern Corridor, Southern Area, Clapham Yard, Dutton Park and Salisbury stations.

UNITY undertakes air quality monitoring using dust deposition gauges (DDGs), Total Suspended Particles (TSP) and particulate matter less than 10µm (PM10). TSP and PM10 are monitored using portable air quality units.

Air quality monitoring results are provided below.

### 2.3.1 Deposited Dust Results

Passive dust deposition gauge (DDG) samples are analysed monthly.

The dust deposition gauge results (and total rainfall) for the reporting period are detailed below. All monitoring data adhered to Project requirements.

Table 3: Air Quality Monitoring - Deposited Dust Data

CGCR Goal (mg/m <sup>2</sup> /day)	AQ-01 - RNA Showground (mg/m <sup>2</sup> /day)	AQ-04 Grafton Street (Mayne Yard) (mg/m <sup>2</sup> /day)	AQ-06- Clapham Yard (mg/m <sup>2</sup> /day)	AQ-09 Yeerongpilly Station (mg/m <sup>2</sup> /day)	AQ-10 Northern Portal (mg/m <sup>2</sup> /day)	AQ-11 Dutton Park (mg/m <sup>2</sup> /day)	AQ-12 Salisbury, Lillian Avenue (mg/m <sup>2</sup> /day)	AQ-13 Salisbury, Fairlie Terrace (mg/m <sup>2</sup> /day)
120	17	13	53	20	13	17	77	27
Total Rainfall (mm)	42.4	33.3	84.8	84.8	42.4	28.6	85.0	85.0

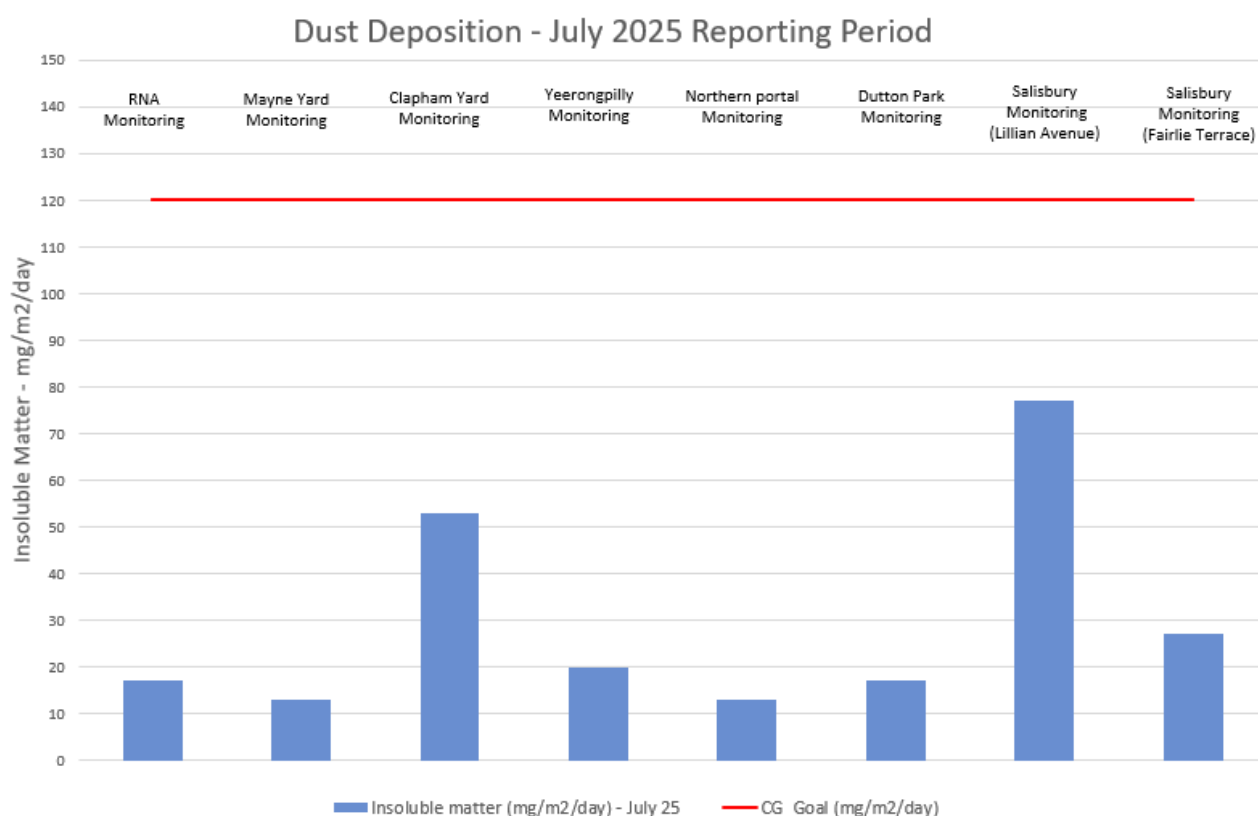


Figure 1: Air Quality Monitoring - Deposited Dust Data

### 2.3.2 Ambient Air Quality Results

TSP and PM<sub>10</sub> monitoring were conducted during July 2025. Targeted monitoring of potential dust-generating activities is conducted by the mobile air quality units and was completed at the RNA, Mayne Yard and Clapham Yard worksites during July 2025. No exceedances were recorded during this reporting period.

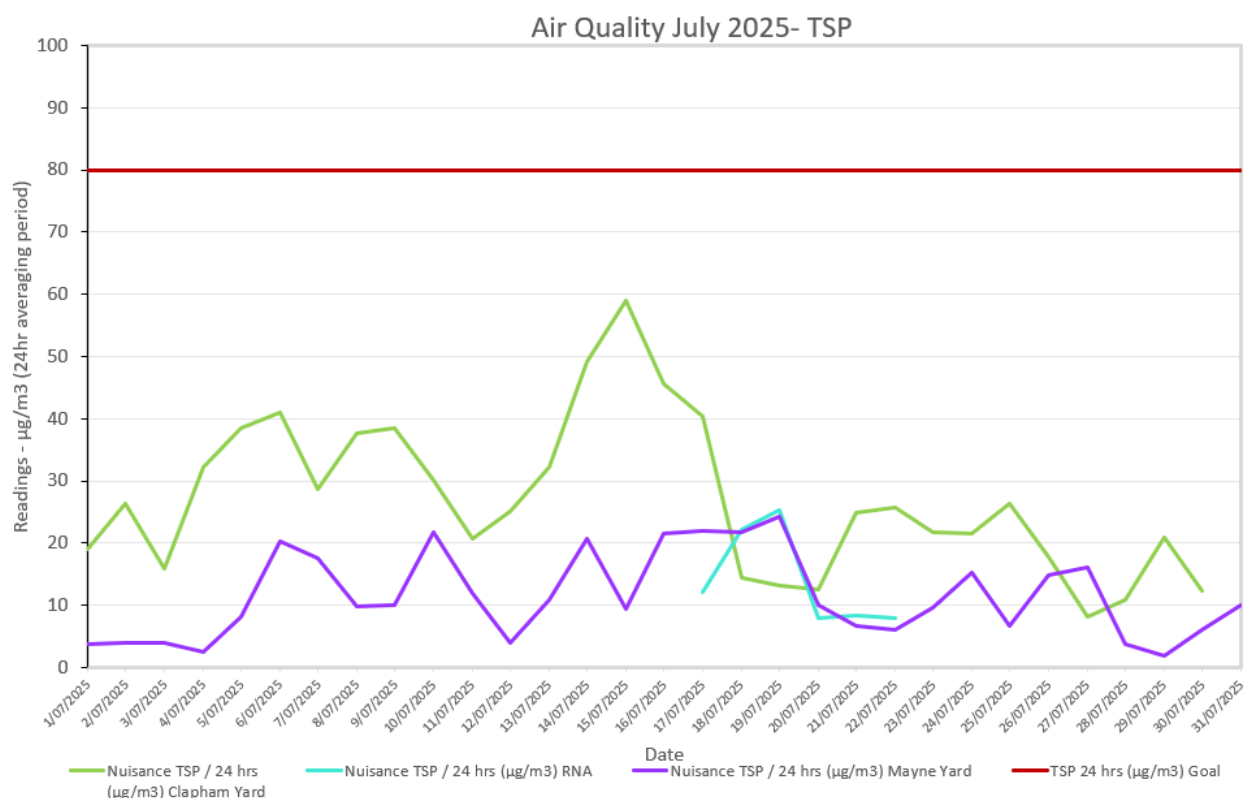


Figure 2: Air Quality Monitoring – Total Suspended Particles Data

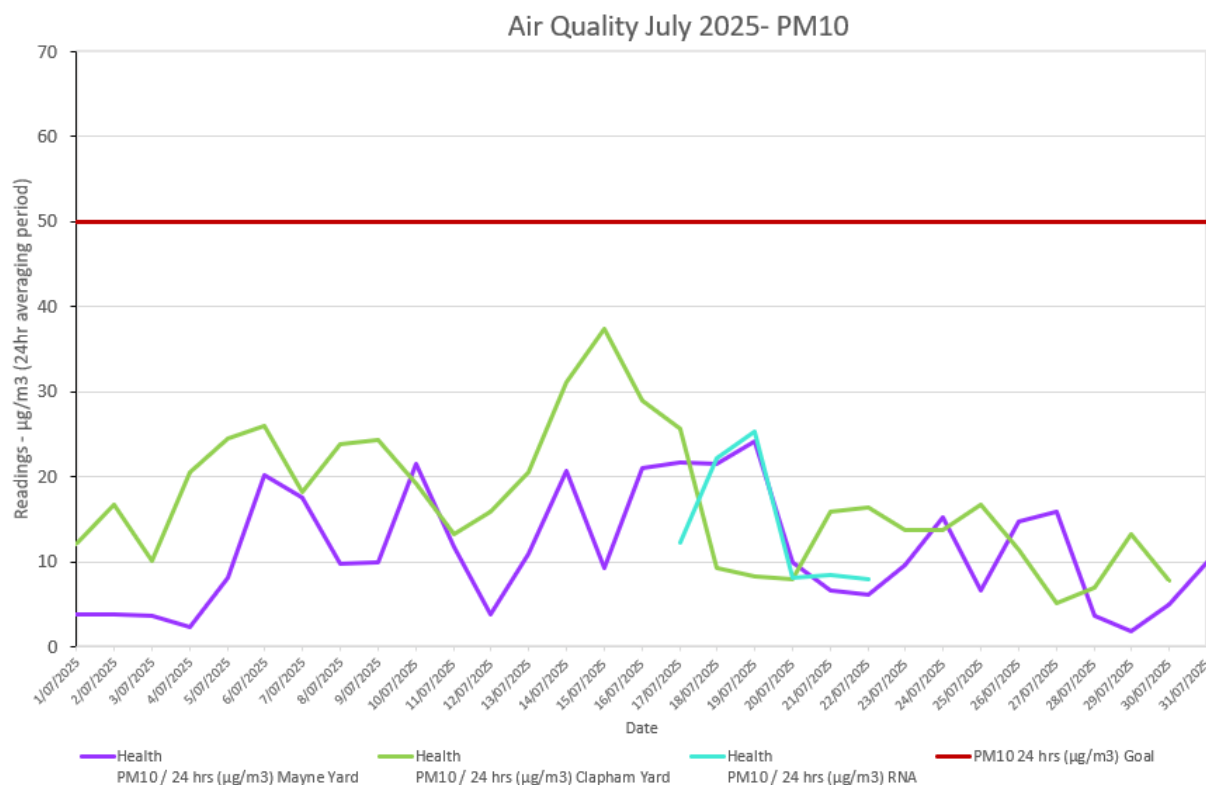


Figure 3: Air Quality Monitoring - PM10 Data

### 2.3.3 Interpretation

#### RNA

Construction works at the Exhibition station were completed on 27 June 2025 with mobile air quality monitoring ceased on 2 July 2025. TSP and PM10 monitoring temporarily resumed from 16 until 23 July 2025 when the site offices were demobilised and minor ground rectification works were completed.

#### Clapham Yard

The Clapham Yard mobile air quality unit experienced technical issues on 31 July 2025. A new mobile air quality unit was deployed to site as soon as practical.

Further notes:

- Site inspections confirmed dust mitigation measures were in place and construction works were appropriately managed.
- No exceedances were shown by the dust deposition gauge results for the worksite.
- No exceedances were recorded by the air quality monitoring station throughout the reporting period.

## 2.4 Water Quality

Imposed Condition 15(b) requires that during construction, monitoring, and reporting on water quality in accordance with the Water Quality Management Plan, a sub-plan of the C-EMP, occurs.

Imposed Condition 15(a) requires that discharges of groundwater from Project Works within the Breakfast Creek catchment must comply with the Brisbane River Estuary environmental values and water quality objectives (Basin no.143 – mid-estuary) in the *Environment Protection (Water) Policy 2009*.

Imposed Condition 15(a) requires that discharges of groundwater from Project Works within Moolabin Creek, Yeerongpilly – Oxley Creek catchment must comply with the Oxley Creek - Lowland freshwater environmental values and water quality objectives (Basin no.143 (part) – including all tributaries of the Creek) in the *Environment Protection (Water) Policy 2009*.

Qualitative surface water monitoring was conducted on 17, 18, 24 and 26 July 2025 and supported by quantitative monitoring (e.g. water sampling) on 17 and 24 July 2025, in line with respectively biannual and post-rainfall monitoring requirements. Monitoring confirmed no impacts were generated by the Project.

## 2.4.1 Water Quality – Post Rainfall Monitoring

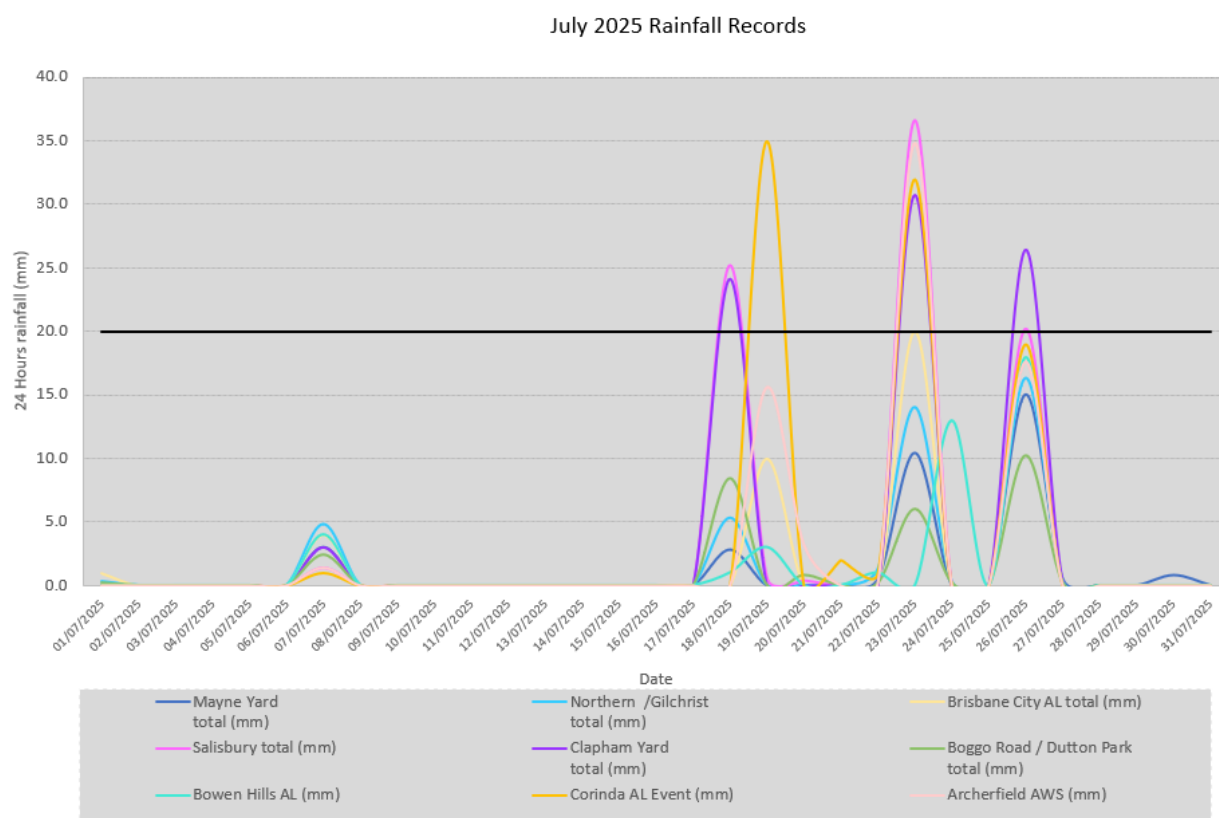


Figure 4: Rainfall Data

Table 4: Post Rainfall Water Quality Monitoring Data

Date	Location	Waterway	Tide	Turbidity (NTU)	TSS (mg/L)	DO (%)	pH (pH unit)
24/07/2025	SW-5 (Upstream rail corridor)	Moolabin Creek	Not applicable (non-tidal environment)	18.6	15	77.51	7.49
24/07/2025	SW-6 (Downstream of rail corridor)	Moolabin Creek	Not applicable (non-tidal environment)	19.9	16	76.56	7.54
24/07/2025	SW-7 (Upstream of rail corridor)	Rocky Waterholes Creek	Not applicable (non-tidal environment)	33.7	20	90.06	7.32
24/07/2025	SW-8 (Downstream of rail corridor)	Rocky Waterholes Creek	Not applicable (non-tidal environment)	35.9	20	76.36	7.34
24/07/2025	SW-9 (Downstream of rail corridor)	Stable Swamp Creek	Not applicable (non-tidal environment)	33.8	15	95.14	7.68
24/07/2025	SW-9A (Upstream of rail corridor)	Stable Swamp Creek	Not applicable (non-tidal environment)	72.6	47	90.47	7.06

## 2.4.2 Water Quality – Routine Monitoring (Bi-annual)

UNITY undertook biannual surface water quality monitoring in July 2025. The dry season monitoring (bi-annual monitoring) was undertaken on 17 July 2025, and water quality results are included in the table below. Note, water quality at the monitoring locations reflects the conditions of the broader catchments (not the Project influence alone)

Table 5: Water Quality Monitoring Data – Routine Surface Monitoring

Date	Location	Waterway	Tide	Turbidity (NTU)	TSS (mg/L)	DO (%)	pH (pH unit)
17/07/2025	SW-1 (Upstream of Mayne Yard)	Breakfast Creek	Low tide	3.8	<5	62.48	7.16
17/07/2025	SW-2 (Adjacent to Mayne Yard)	Breakfast Creek	Low tide	4.9	6	80.9	5.78
17/07/2025	SW-3 (Downstream of Mayne Yard)	Breakfast Creek	Low tide	7.5	19	85.82	7.74
17/07/2025	SW-4 (Downstream of Northern Corridor)	Barrambin/York's Hollow	Not applicable (non-tidal environment)	1.7	<5	55	7.79
17/07/2025	SW-5 (Upstream rail corridor)	Moolabin Creek	Not applicable (non-tidal environment)	2	<5	90.47	7.83
17/07/2025	SW-6 (Downstream of rail corridor)	Moolabin Creek	Not applicable (non-tidal environment)	2.9	<5	114.71	7.90
17/07/2025	SW-7 (Upstream of rail corridor)	Rocky Waterholes Creek	Not applicable (non-tidal environment)	6.5	<5	79.72	8.1
17/07/2025	SW-8 (Downstream of rail corridor)	Rocky Waterholes Creek	Not applicable (non-tidal environment)	8.4	7	89.35	7.67
17/07/2025	SW-9 (Downstream of rail corridor)	Stable Swamp Creek	Not applicable (non-tidal environment)	2.2	<5	101.05	8.11
17/07/2025	SW-9A (Upstream of rail corridor)	Stable Swamp Creek	Not applicable (non-tidal environment)	3.4	<5	124.44	8.56

## 2.4.3 Groundwater Discharge Monitoring Results

Groundwater discharge monitoring was not triggered during the reporting period.

## 2.4.4 Surface Water Discharge Monitoring

Surface water discharge monitoring was not triggered during the reporting period.

## 3 Compliance review

### 3.1 Non-Compliance Events

The below section summarises the events to be reported in accordance with Imposed Condition 5 and Imposed Condition 6(b)(ii). A Non-Compliance event (NCE) is defined as Project works that do not comply with the Imposed Conditions. NIL non-compliances occurred during the reporting period.

*Table 6: Summary of Non-Compliance Events*

Event Title	Location, Date, and time of event	Date the Event was Formally Notified to CG/IEM	Conditions Affected	Date the Event Report Formally Sent to CG/IEM	Status of Event
NA	-	-	-	-	-

## 4 Complaints

Reporting of complaints is provided below in accordance with Imposed Condition 6(b)(iii).

During July 2025, three (3) complaints were received related to UNITY Project works, as detailed below.

*Table 7: Summary of Complaints*

No.	Date	Location	Description of Issue	Response	Status of Event
1	05/07/2025	Fairfield Station (Mildmay Street)	Construction Noise	A stakeholder contacted the Project regarding construction works noise during a track possession. UNITY reviewed the circumstances and works undertaken were consistent with the community notification. UNITY also provided the stakeholder with an overview of the works occurring and their duration. Noise mitigation measures were also reviewed and enhanced to further mitigate potential impacts.	Closed
2	12/07/2025	Clapham Yard (Evesham Street)	Dust Nuisance	A stakeholder contacted the Project regarding dust nuisance from the worksite laydown and adjacent access road. UNITY reviewed the circumstances and dust mitigation measures enhanced. A road sweeper was arranged to service the area and water spraying increased within the laydown.	Closed
3	26/07/2025	Mayne Yard (Hamilton Place)	Construction Noise	A stakeholder contacted the Project regarding out of hours construction works noise within the rail corridor during a track possession. UNITY reviewed the circumstances and works undertaken were consistent with the community notification. UNITY also provided the stakeholder with an overview of the works occurring, their duration and measures implemented to mitigate potential impacts.	Closed

## Attachment 1    Monitoring Locations – Noise

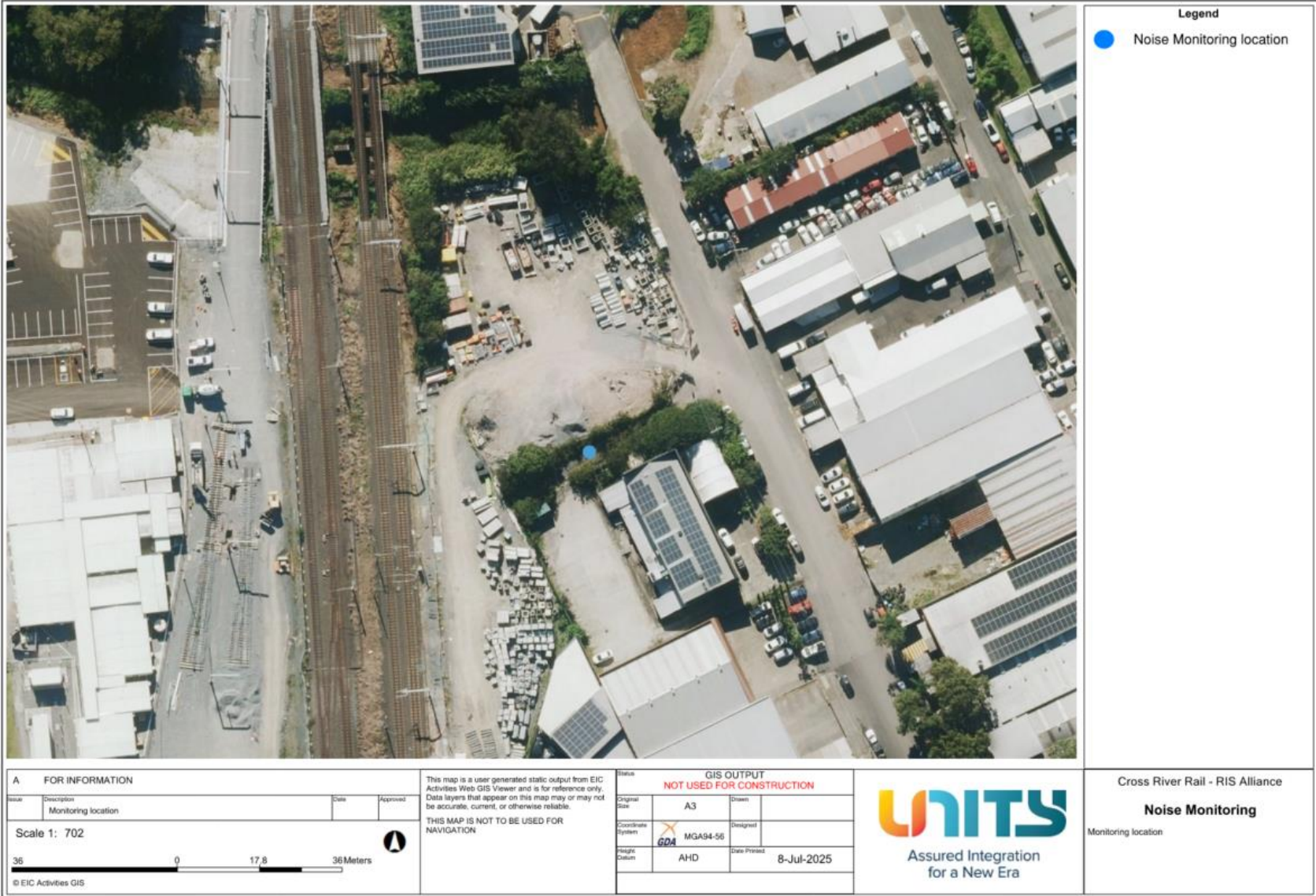


Figure 5: Clapham Yard Noise Monitoring Location



Figure 6: Fairfield Noise Monitoring Location

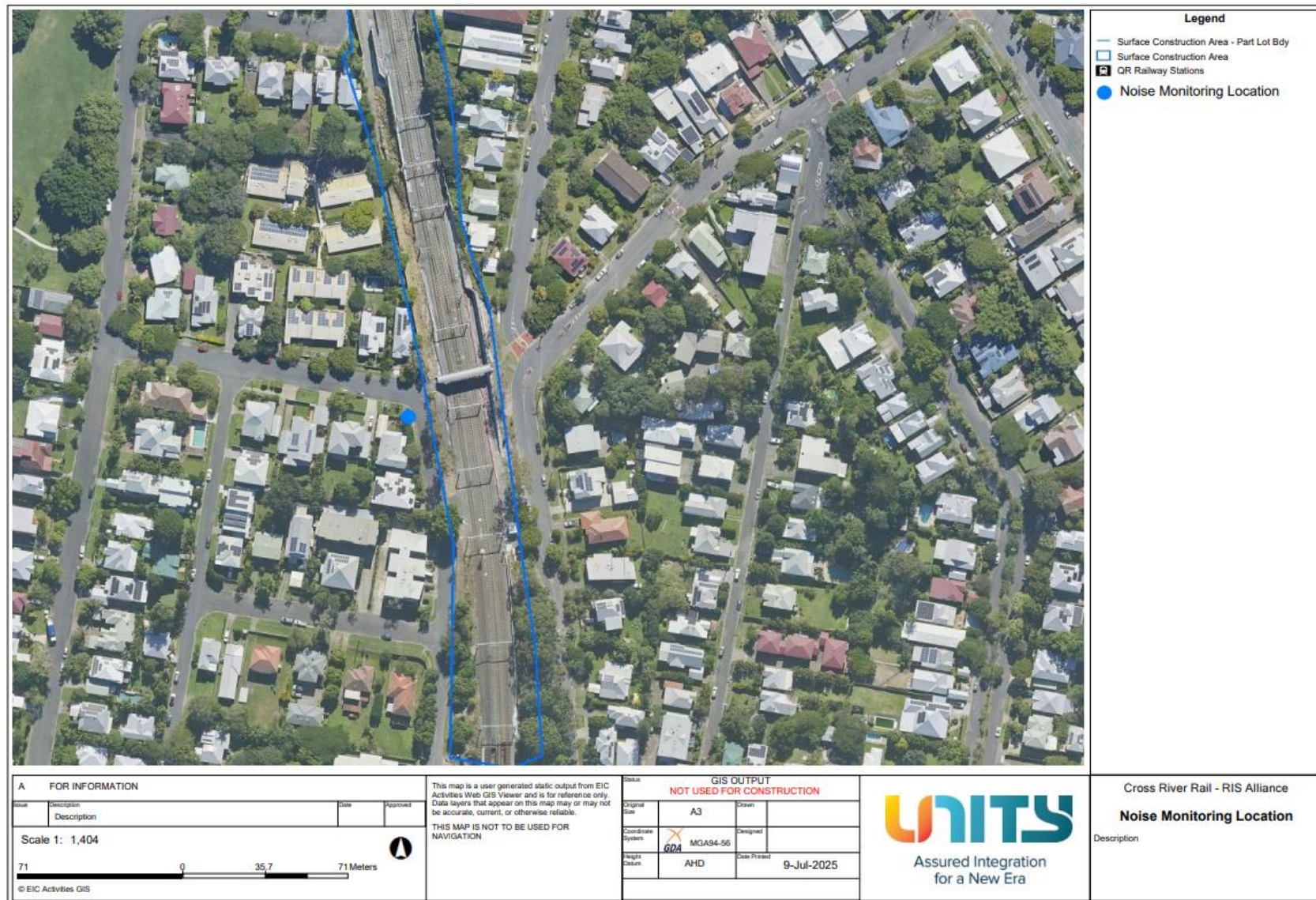


Figure 7: Dutton Park Noise Monitoring Location

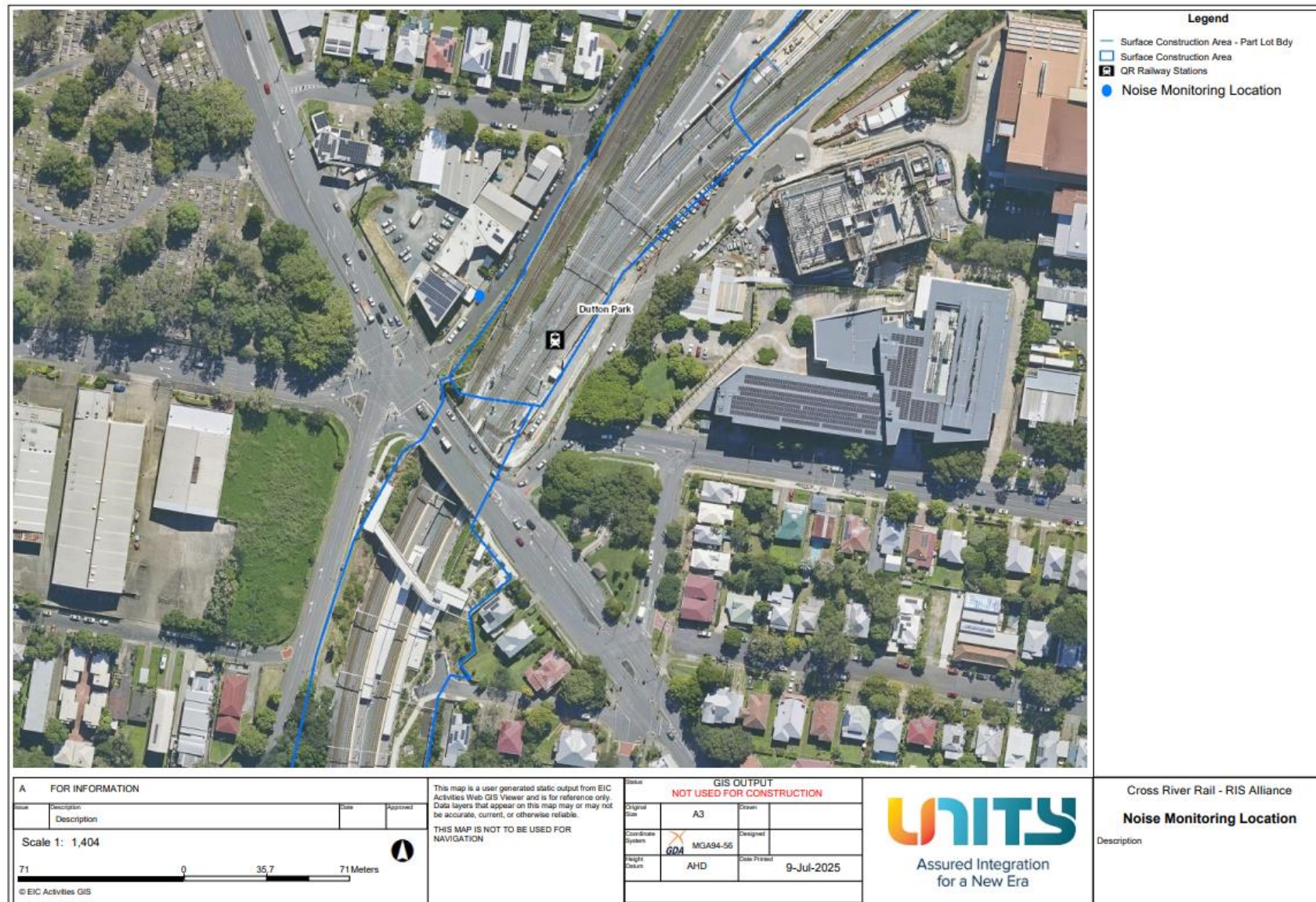


Figure 8: Dutton Park Noise Monitoring Location

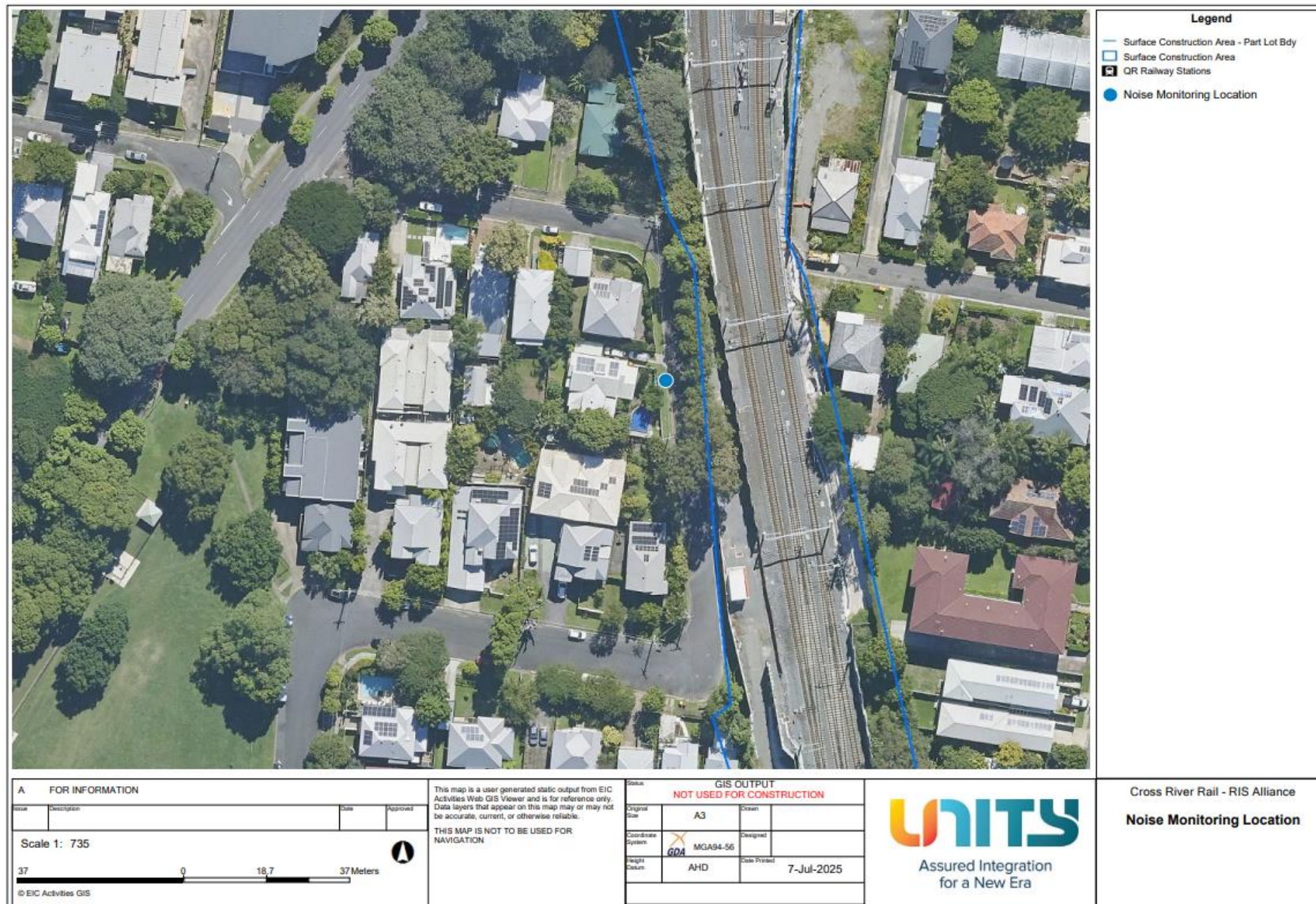


Figure 9: Dutton Park Noise Monitoring Location

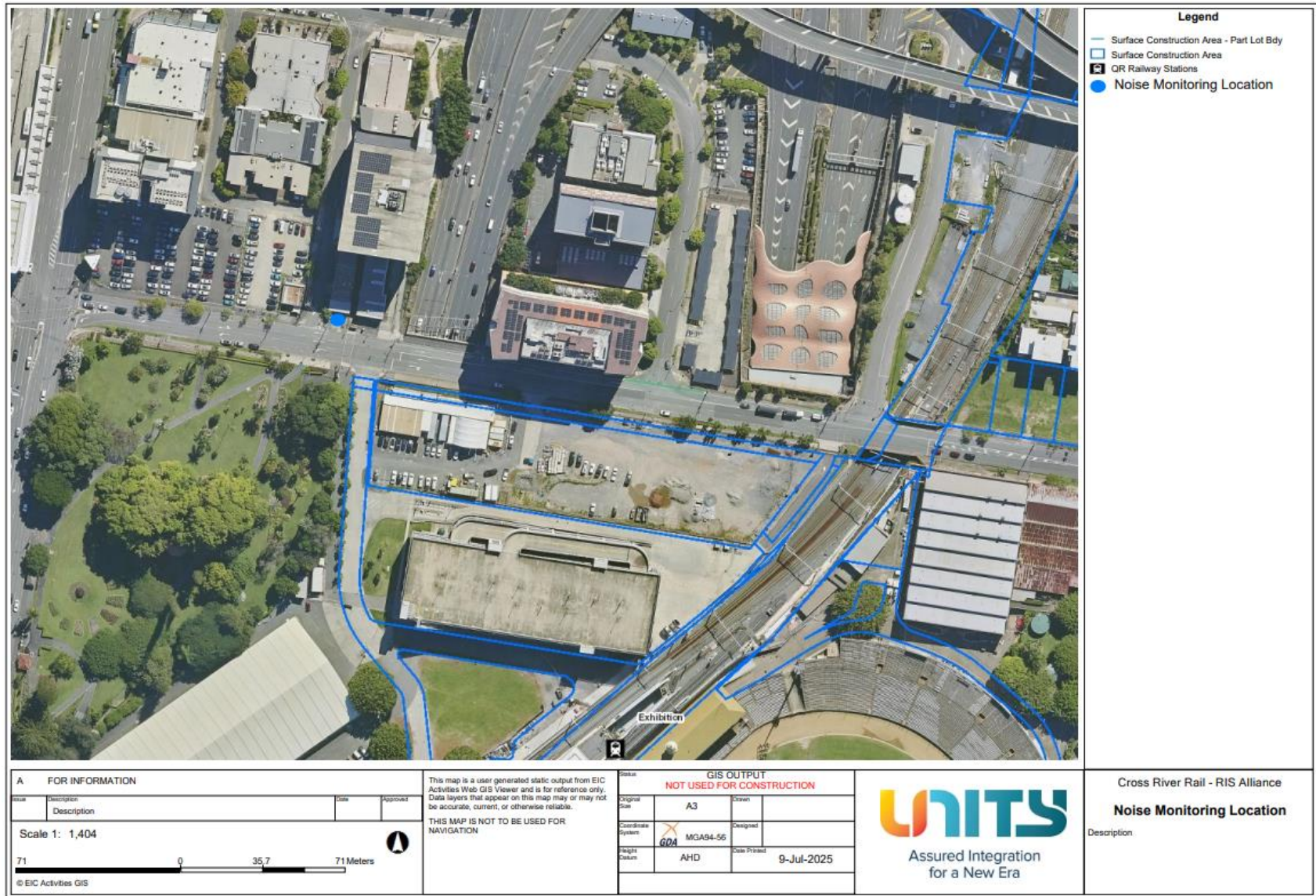


Figure 10: RNA Noise Monitoring Location

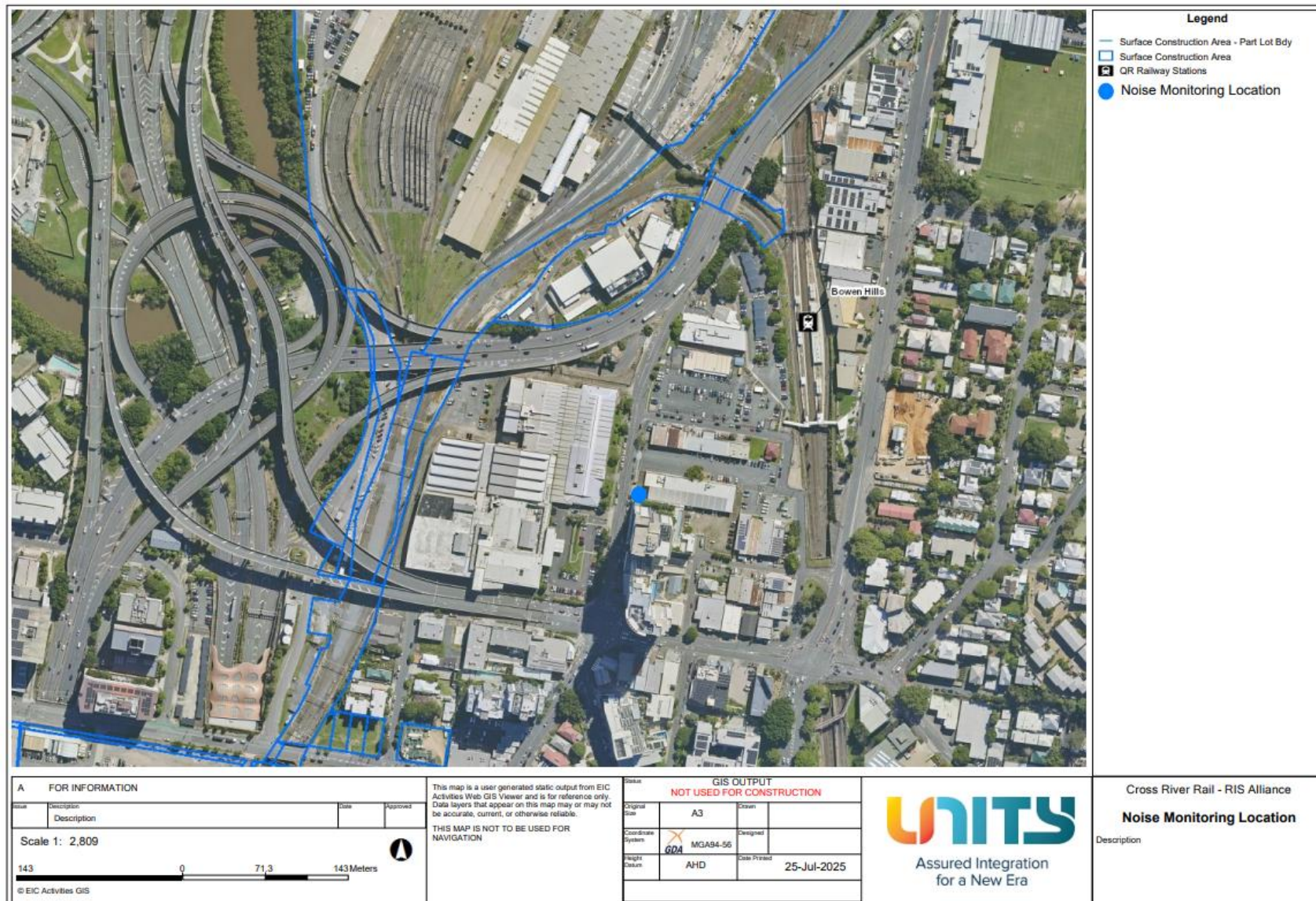


Figure 11: Mayne Yard Noise Monitoring Location

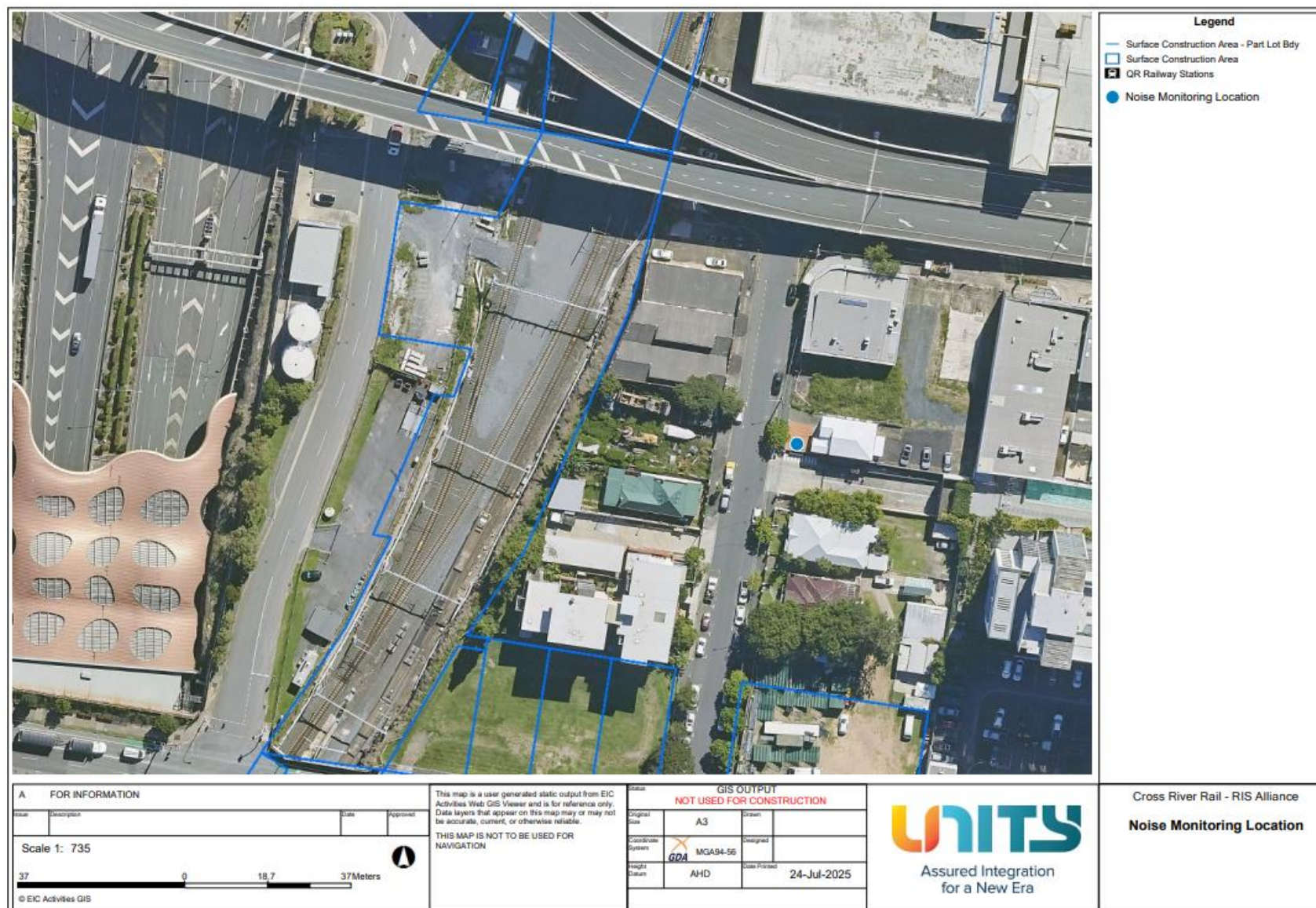


Figure 12: Mayne Yard Noise Monitoring Location

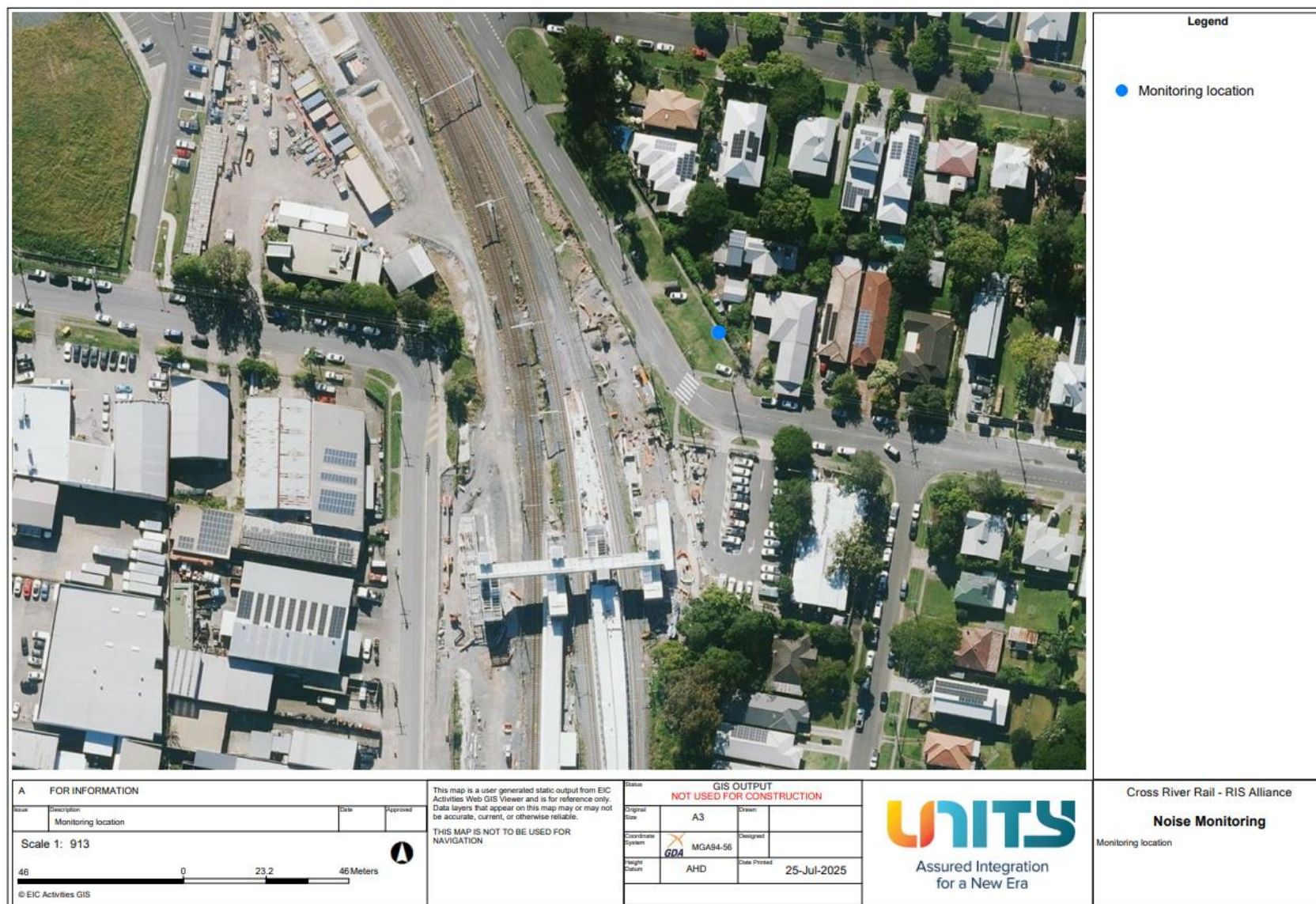


Figure 13: Salisbury Noise Monitoring Location

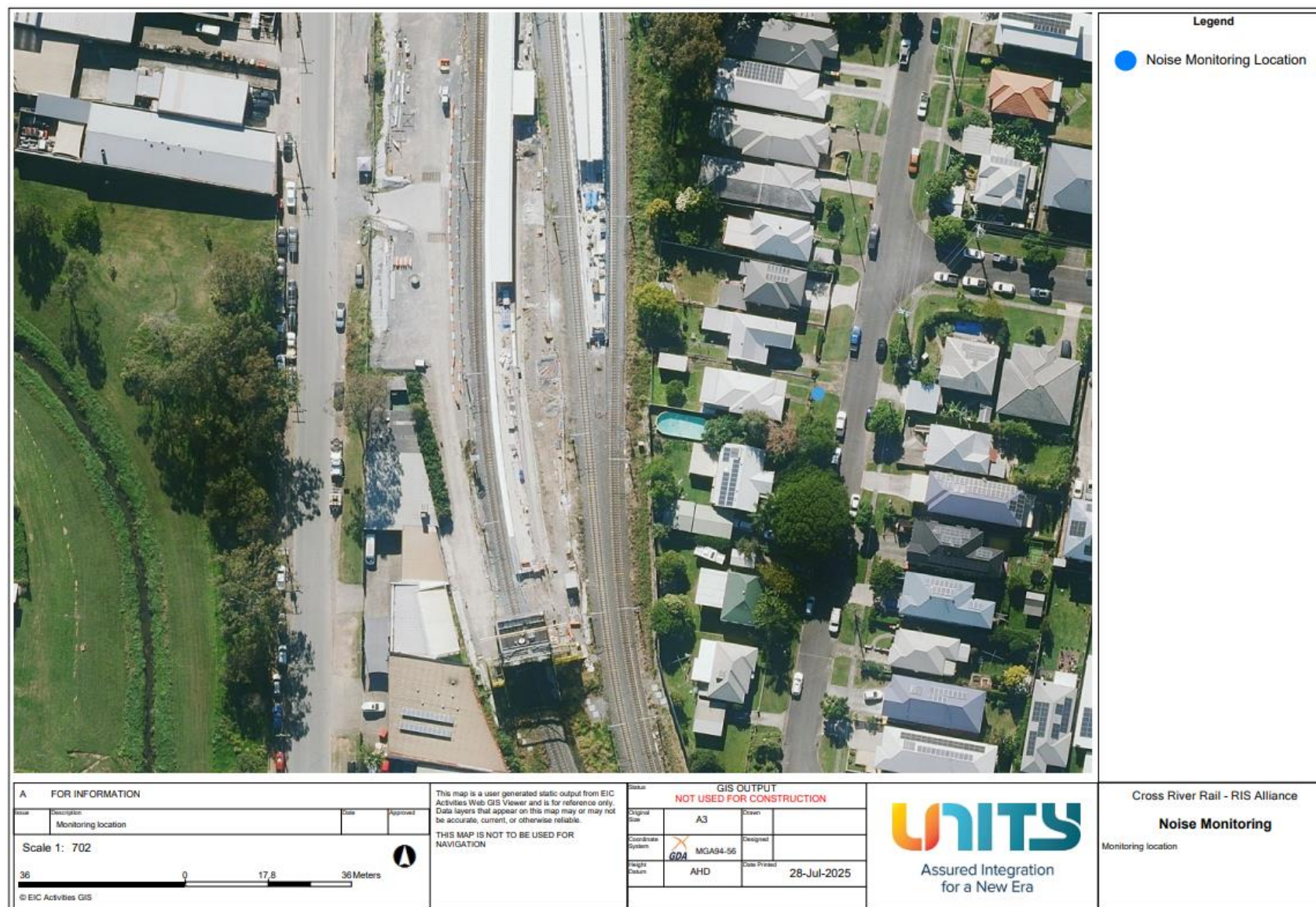


Figure 14: Salisbury Noise Monitoring Location

## Attachment 2    Monitoring Locations - Vibration

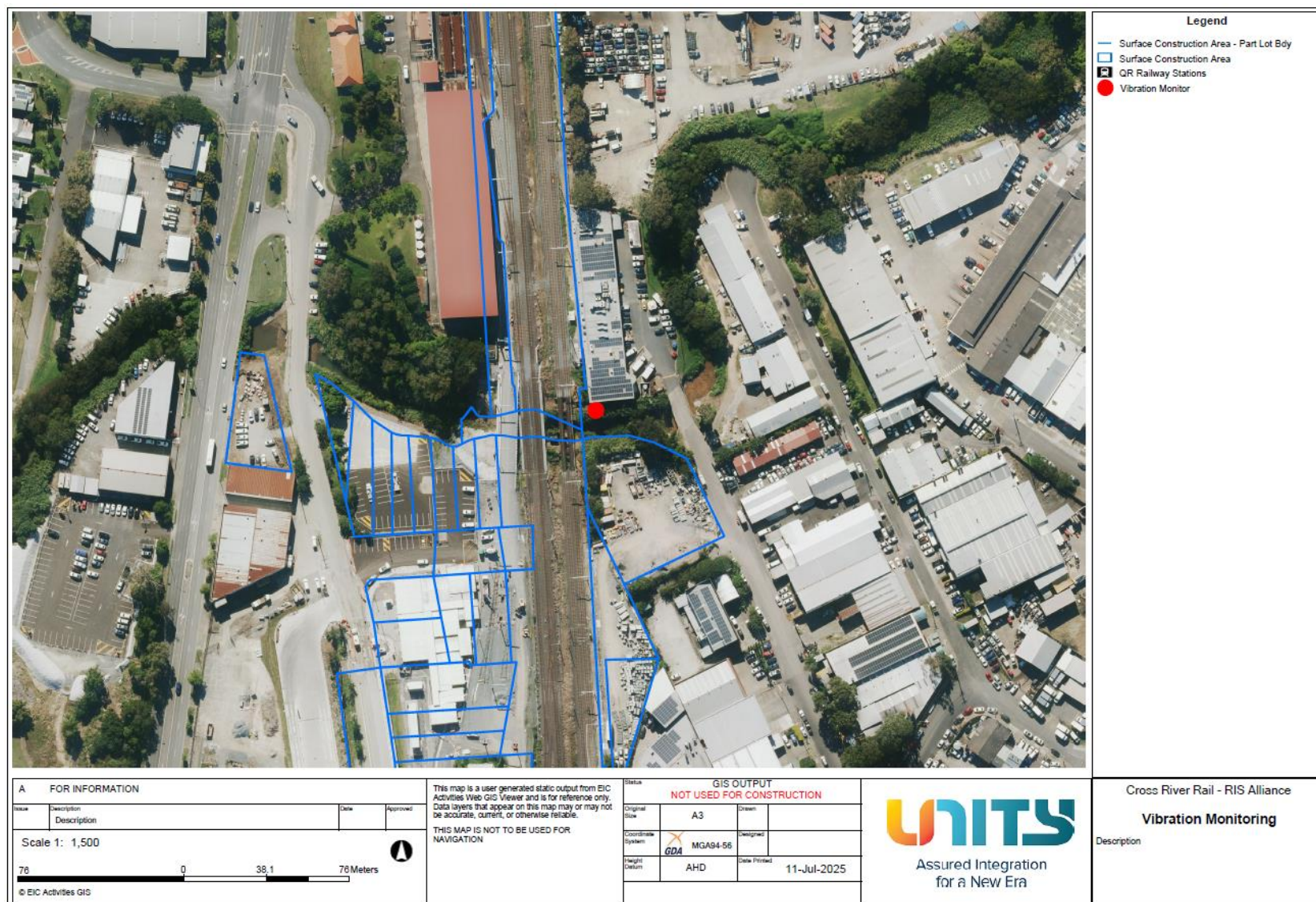


Figure 15: Clapham Yard Vibration Monitoring Location

## Attachment 3    Monitoring Locations - Air Quality

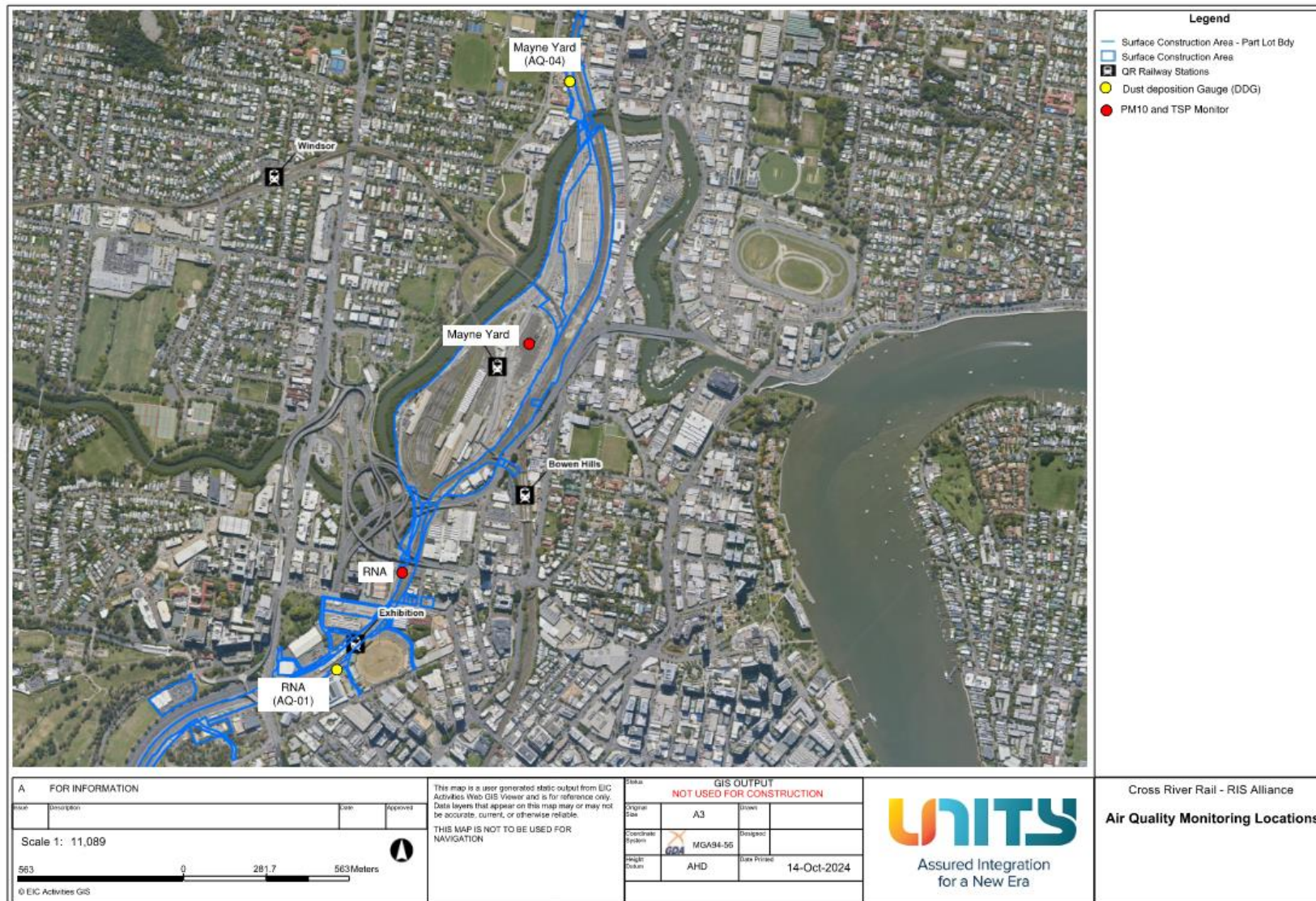


Figure 16: Mayne Yard and RNA AQ locations

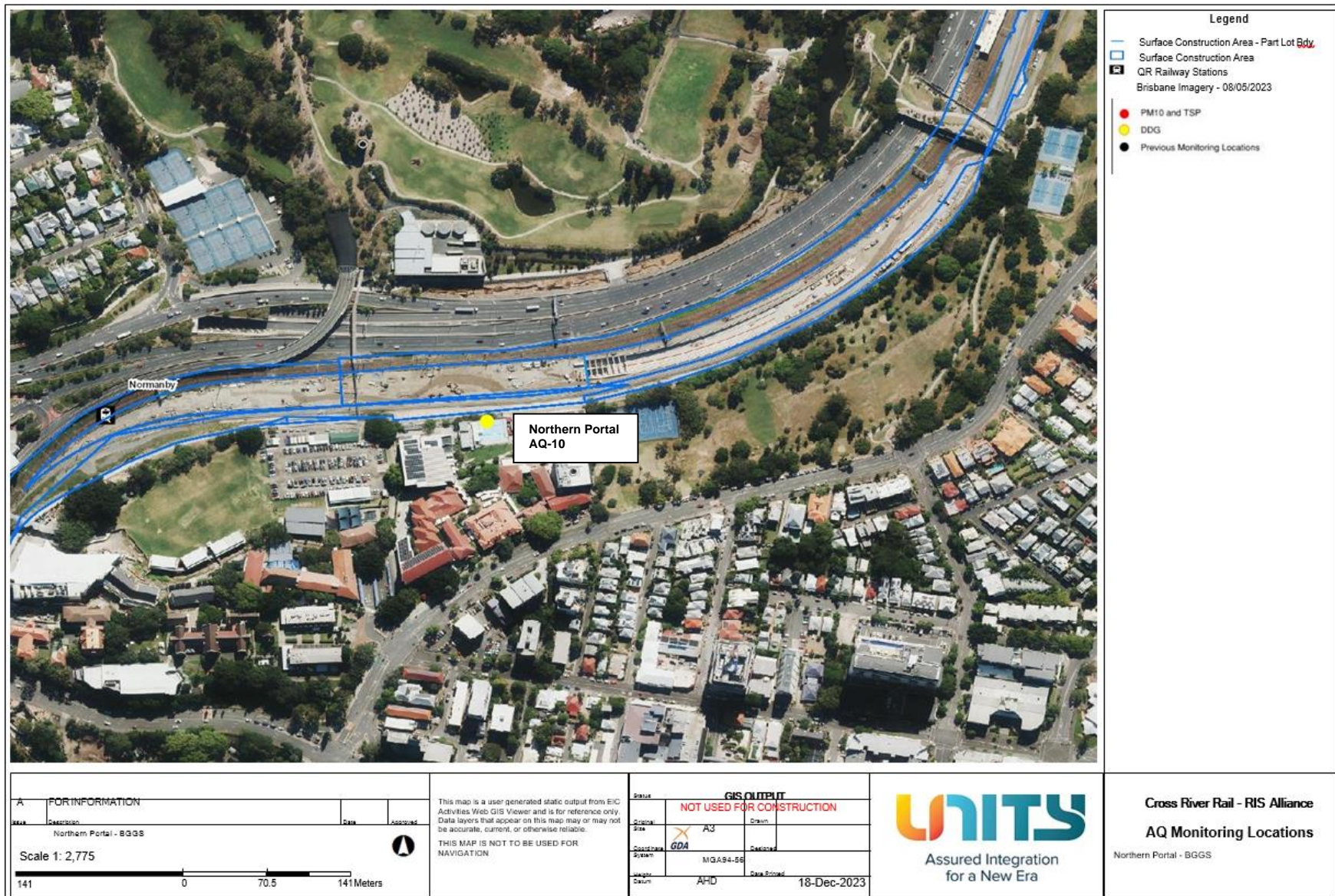


Figure 17: Northern Portal AQ locations

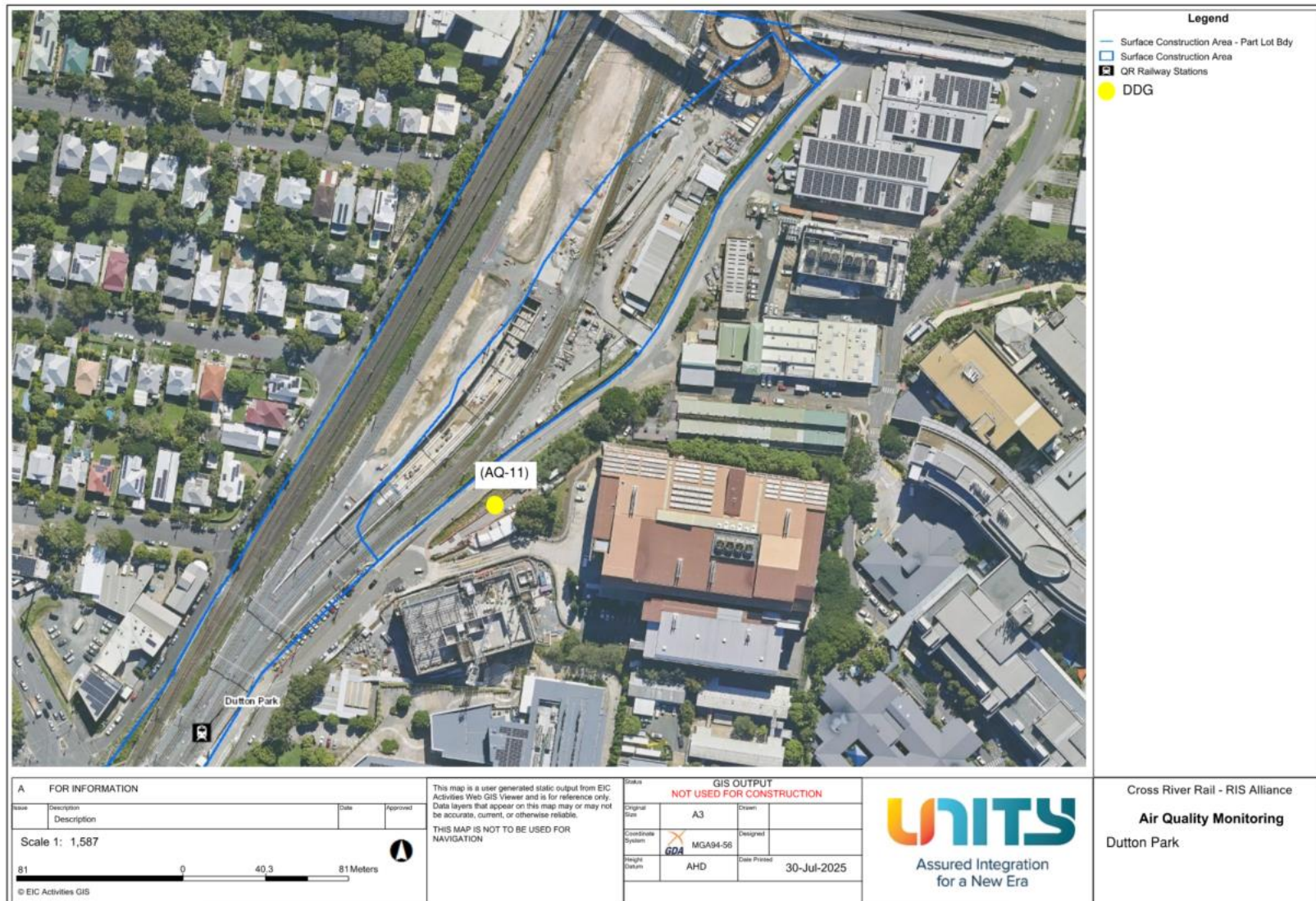


Figure 18: Southern Area AQ locations

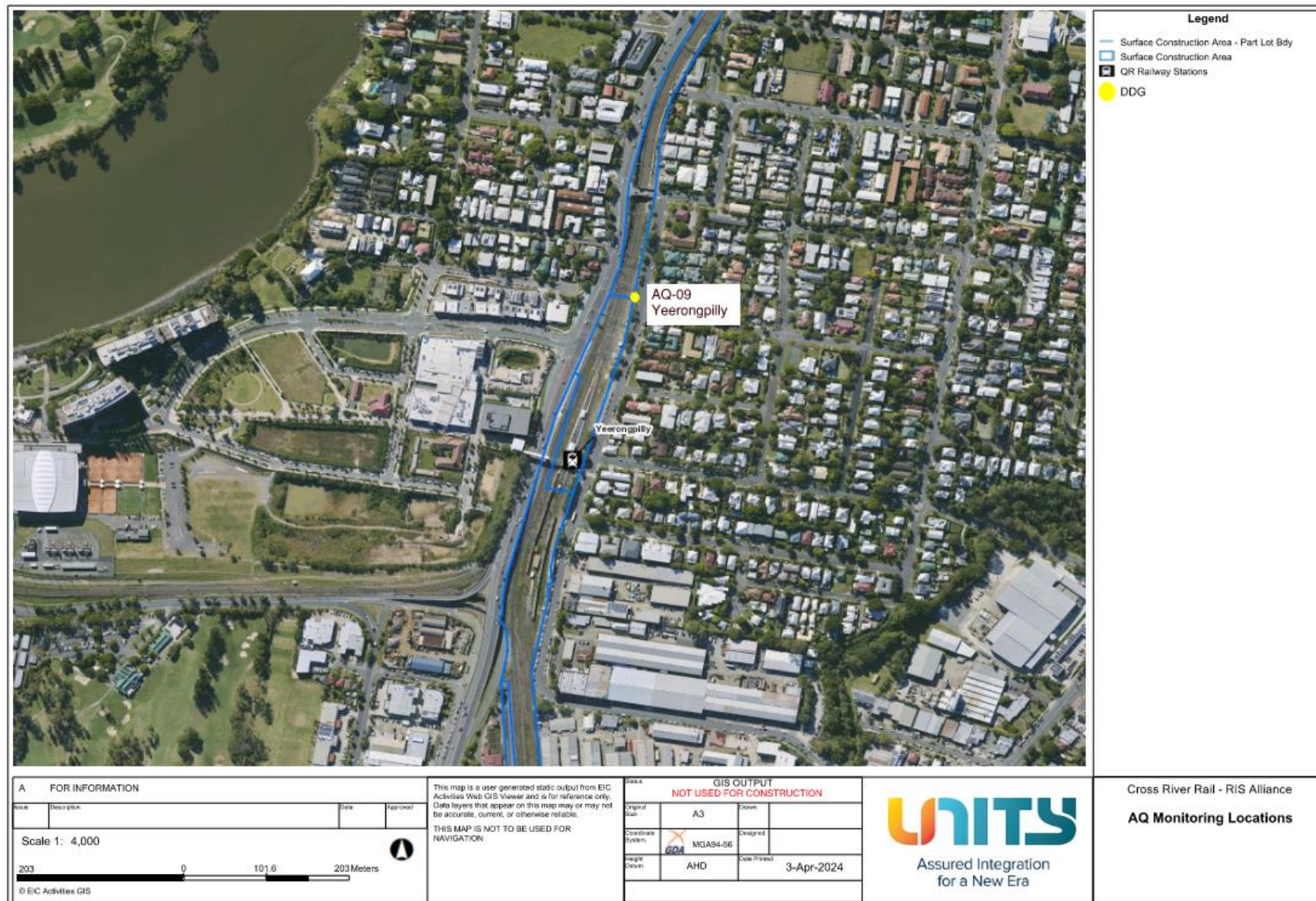


Figure 19: Yeerongpilly AQ locations

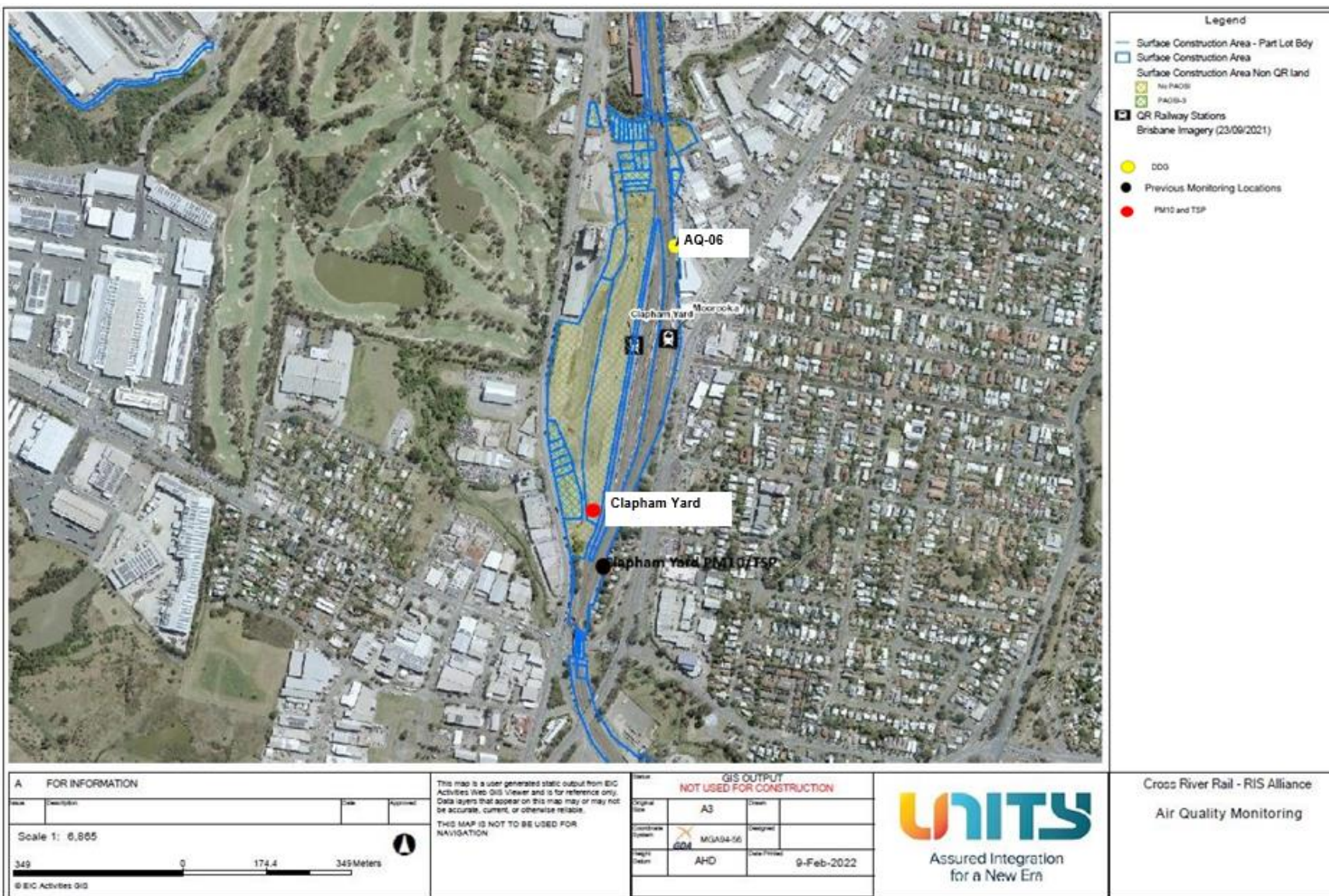


Figure 20: Clapham Yard AQ locations

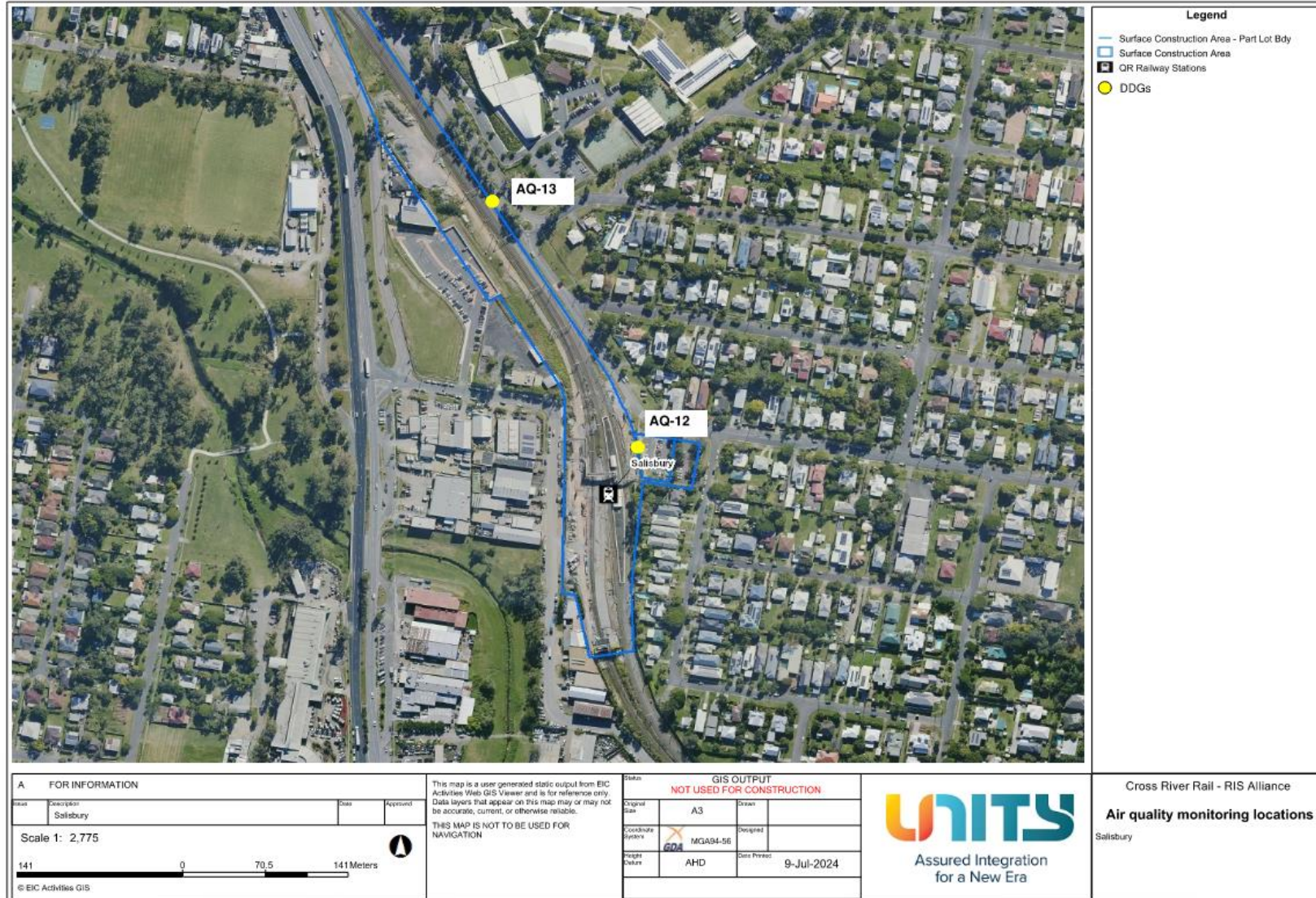


Figure 21: Salisbury AQ locations

## Attachment 4    Monitoring Locations – Surface Water

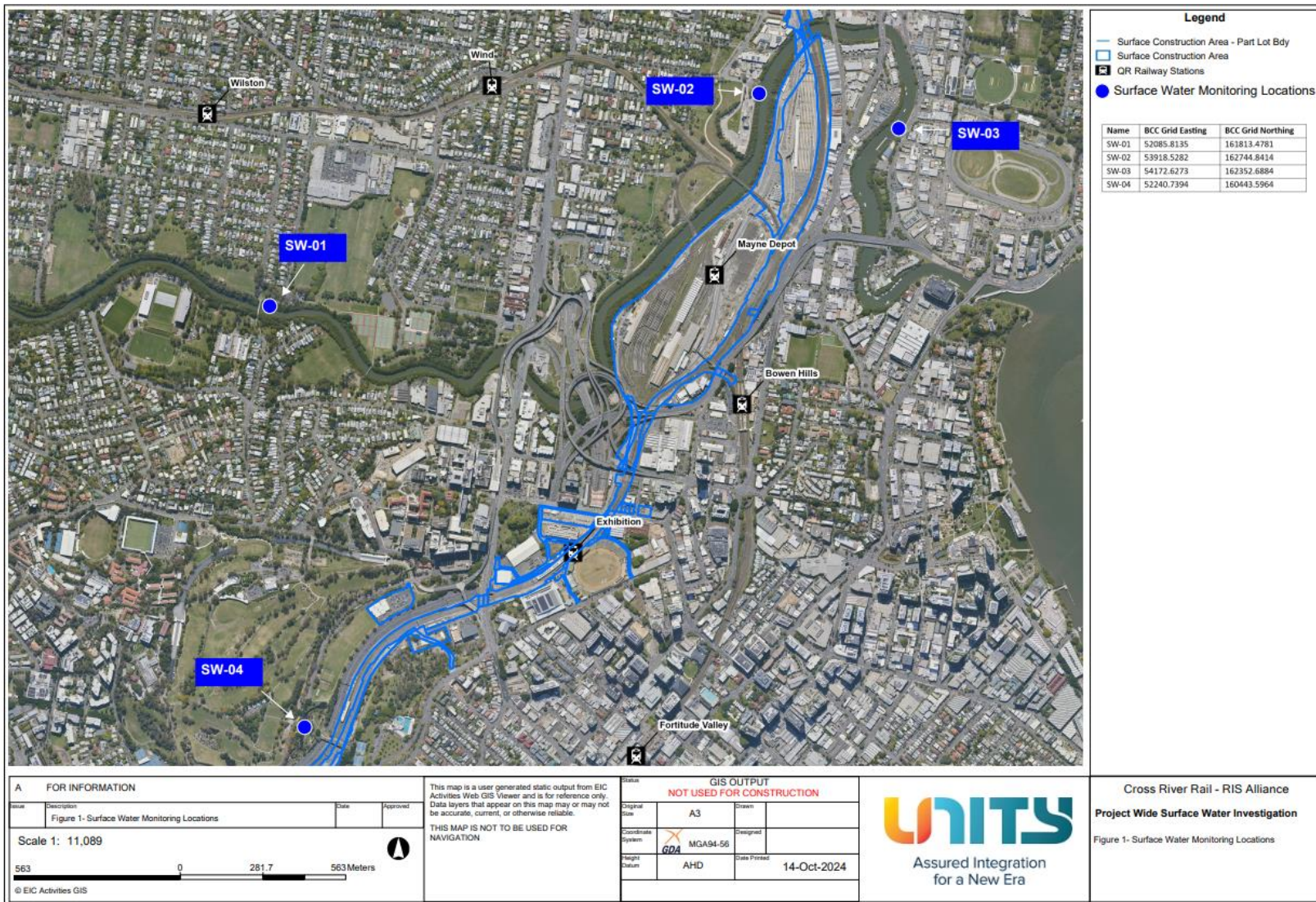


Figure 22: Northern WQ Locations

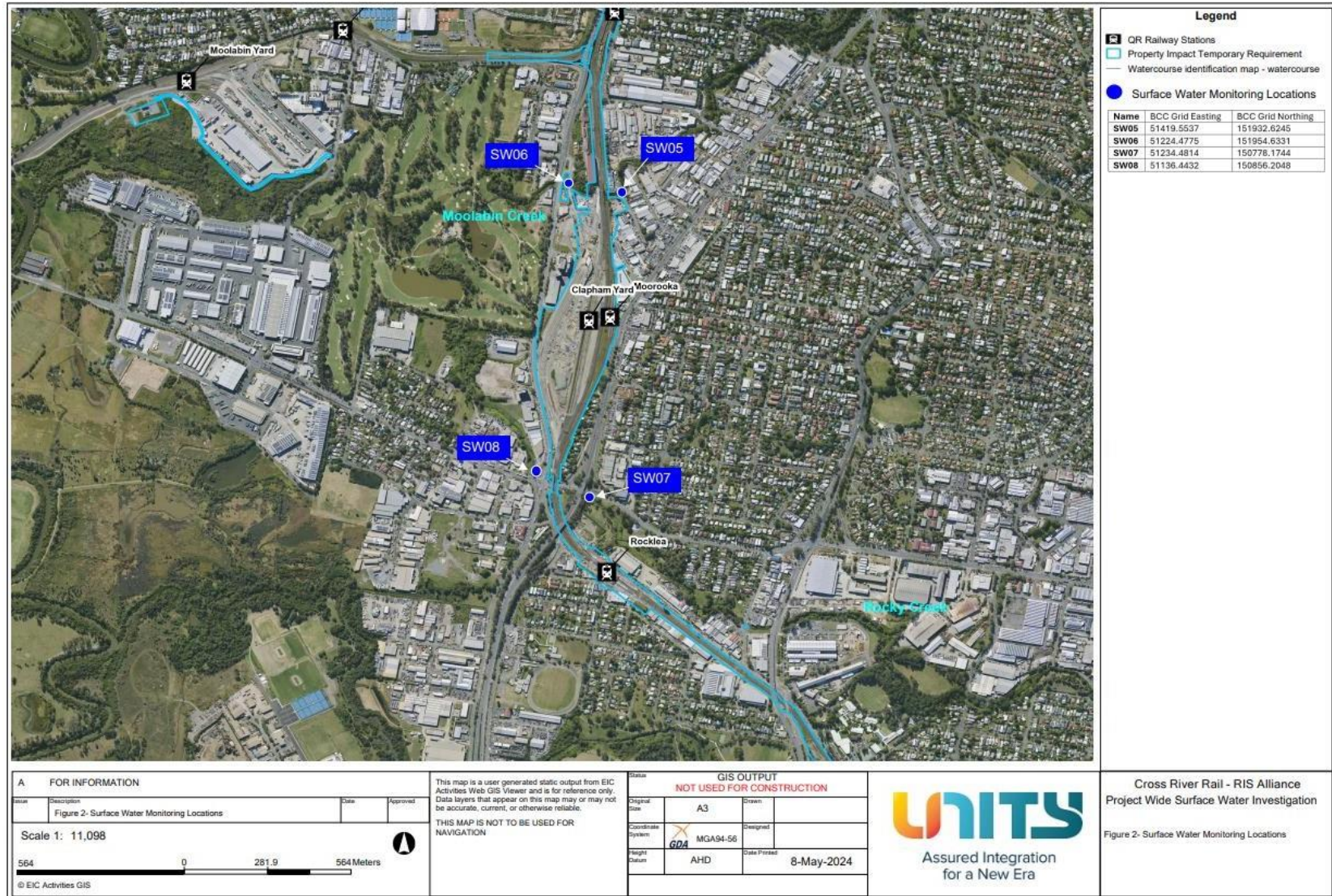


Figure 23: Southern WQ Locations

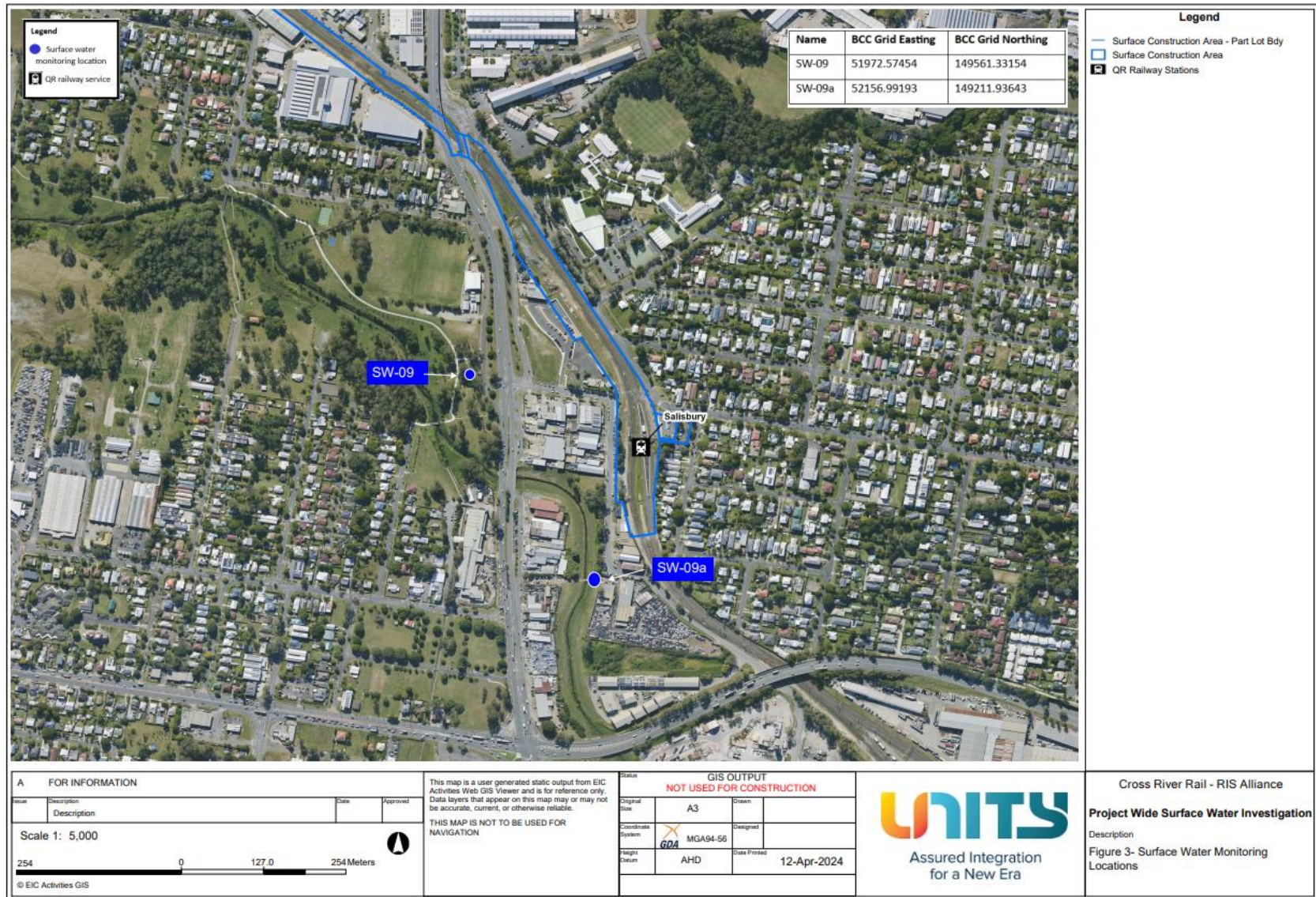


Figure 24: Southern WQ Locations

# Appendix B TSD Monthly Report

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## COORDINATOR-GENERAL'S MONTHLY REPORT: JULY 2025

Prepared in accordance with Coordinator-General Imposed Condition 6 - Reporting.

### 1. Monthly Monitoring Summary

It is CBGU Joint Venture's intent to aim for the Goals and Objectives relevant to vibration, noise, air quality and water monitoring within the practical extent of delivering the Project.

Vibration monitoring was conducted on three (3) occasions during July 2025. Noise monitoring was performed on eight (8) occasions in July 2025. Each monitoring event that was undertaken confirmed works adhered to Project requirements.

Ambient air quality monitoring was conducted at Roma Street, Albert Street, Woolloongabba, Boggo Road and Southern Portal precinct sites during July 2025. Air quality monitoring confirmed works adhered to Project requirements.

Water quality monitoring was conducted before the release of water from the site on ten (10) occasions. Each monitoring event confirmed that Project requirements were adhered to. One (1) round of surface water quality monitoring was conducted. The monitoring event confirmed that no impacts were generated by the Project.

## 2. Coordinator-General's Monthly Report – Compliance Assessment Against Imposed Conditions

Whilst not a requirement of Imposed Condition 6, CBGU offers the below Compliance Status Table as a goodwill gesture to demonstrate the Project's ongoing environmental performance.

Table 1: Compliance Status – CG Imposed Conditions

CG Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
1.	<b>General Conditions</b> – compliance with the Project Changes relevant to the Contractor's scope.	Yes	CBGU Project works have been conducted in compliance with the Imposed Conditions.
2.	<b>Outline Environmental Management Plan</b> – timely submission to the Coordinator-General, including required sub-plans.	N/A	The OEMP is not an obligation of the CBGU Joint Venture.
3.	<b>Design</b> – the achievement of the Environmental Design Requirements.	Yes	Design and implementation proceeded in accordance with the Environmental Design Requirements.
4.	<b>Construction Environmental Management Plan</b> – all relating to Relevant Project Works.	Yes	All CBGU works were conducted in accordance with the Construction Environmental Management Plan (CEMP) (Rev 12).
5.	<b>Compliance and Incident Management</b> – Non-compliance events, notifications, and reporting.	Yes	Nil non-compliances occurred during the monitoring period (refer to Section 4).
6.	<b>Reporting</b> – Monthly and Annual reporting.	Yes	All reporting requirements are completed in accordance with Imposed Condition 6.
7.	<b>Environmental Monitor</b> – engaged and functions resumed.	Yes	An Environmental Monitor (EM) is appointed to the Project, and CBGU is committed to working collaboratively to aid the EM's functions under Imposed Condition 7.
8.	<b>Community Relations Monitor</b> – engaged and functions resumed.	Yes	A Community Relations Monitor (CRM) is appointed to the Project, and CBGU is committed to working collaboratively to aid the CRM's functions under Imposed Condition 8.
9.	<b>Community Engagement Plan</b> – developed and endorsed by Environmental Monitor.	Yes	A Community Engagement Plan (CEP) has been developed and implemented in accordance with Imposed Condition 9. The CEMP has been endorsed with the CEP.
10.	<b>Hours of Work</b> – works undertaken during approved hours.	Yes	CBGU Project works have been conducted in accordance with the approved hours of work.

CG Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
11.	<b>Noise</b> – Work must aim to achieve internal noise goals for human health and well-being.	Yes	CBGU Project work has aimed to achieve internal noise goals for human health and well-being. Where internal noise levels have been unable to be measured, suitable noise reductions have been applied in accordance with Imposed Condition 11. Noise monitoring data is provided within Section 3.2.
	<b>Vibration</b> – Works must aim to achieve vibration goals for cosmetic damage, human comfort and sensitive building contents.	Yes	CBGU Project work has aimed to achieve vibration goals for cosmetic damage, human comfort and sensitive buildings. Vibration monitoring data is provided within Section 3.1.
12.	<b>Property Damage</b> relating to ground movement	Yes	The management of potential impacts relating to property damage has been completed in accordance with Imposed Condition 12.
13.	<b>Air Quality</b> – Works must aim to achieve air quality goals for human health and nuisance.	Yes	CBGU Project works have aimed to achieve air quality goals. Air quality monitoring data is provided within Section 3.
14.	<b>Traffic and Transport</b> – Works must minimise adverse impacts on road safety and traffic flow.	Yes	CBGU Project works have been conducted in a manner that has minimised adverse impacts on road safety and traffic flow.
15.	<b>Water Quality</b> – Works must not discharge surface water and groundwater from the construction site above the relevant environmental values and water quality objectives.	Yes	CBGU has prepared and managed processes to ensure water quality is managed in accordance with Imposed Condition 15.
16.	<b>Water Resources</b> – evaluate potential impact, plan works, implement controls and monitor the inflow of groundwater associated with drawdown.	Yes	CBGU Project works are managed in accordance with Imposed Condition 16.
17.	<b>Surface Water</b> – Must be designed to avoid inundation from stormwater due to a 2-year (6hr) ARI rainfall event and flood waters due to a 5-year ARI rainfall event and constructed to avoid afflux or cause the redirection of uncontrolled surface water flows, including stormwater flows, outside of worksites.	Yes	Design of the CBGU Project works considers the requirements of Imposed Condition 17.
18.	<b>Erosion and Sediment Control</b> – Provisions for erosion and sediment control must be consistent with the Guidelines for Best Practice Erosion and Sediment Control (International Erosion Control Association, 2008) and the Department of Transport and Main Roads' Technical	Yes	CBGU has prepared and managed processes to ensure erosion & sediment control is managed in accordance with Imposed Condition 18.

	Standard MRTS52.		
19.	<b>Acid Sulfate Soils</b> managed as per the <i>Queensland Acid Sulfate Soil Technical Manual</i> .	Yes	CBGU has prepared and managed processes to ensure acid sulphate soils are managed in accordance with Imposed Condition 19.
20.	<b>Landscape and Open Space</b> – general requirement to minimise impacts on landscapes and open space values and specific requirements around Victoria Park	Yes	CBGU Project works are designed and implemented in accordance with Condition 20.
21.	<b>Worksite Rehabilitation</b> – worksites rehabilitated as soon as practicable upon completion of works or commissioning, and in consultation with Brisbane City Council.	Yes	CBGU Project works are designed and implemented in accordance with Condition 21.
22.	<b>Flood Water</b> – Temporary emission to allow the release of Flood Waters to high flow receiving waters.	Yes	CBGU Project works have been conducted in accordance with the provisions available to manage floodwaters.

### 3. Environmental Monitoring Results

Monitoring data is provided below in accordance with Imposed Condition 6(b)(i).

#### 3.1 Vibration

Vibration requirements (levels) are defined as goals within Imposed Condition 11. The goals are to be aimed for.

The Coordinator-General's Change Reports acknowledges instances where these goals may not be achieved.

Vibration monitoring was conducted on three (3) occasions during July 2025.

Table 2: Vibration Monitoring Data

No.	Start Date	Time (AM/PM)	Finish Date	Location	Average Vibration level (mm/s)	Max Vibration Level (mm/s)	Vibration Goal (mm/s)	Receiver / Goal Type	Adhered to Project Requirements (Yes / No)
1.	15/07/2025	10:00:00 AM	17/07/2025	Joe Baker Street (Boggo Road Precinct)	0.16	0.58	50	Commercial	Yes
2.	23/07/2025	11:20:00 AM	23/07/2025	Joe Baker Street (Boggo Road Precinct)	1.01	1.67	50	Commercial	Yes
3.	24/07/2025	9:15:00 AM	25/07/2025	Joe Baker Street (Boggo Road Precinct)	0.1	0.26	0.5	Sensitive Building Contents	Yes

## 3.2 Noise

Noise requirements (levels) are defined as goals within Imposed Condition 11. The goals are to be aimed for.

The Coordinator-General's Change Reports acknowledge instances where these goals may not be achieved. Noise monitoring was conducted on eight (8) occasions during July 2025. Noise monitoring adhered to project requirements and is detailed in the table below

Table 3: Noise Monitoring Data

No.	Date	Time (AM / PM)	Location (Street Name) (Construction Precinct)	Purpose of Monitoring	Internal or External <sup>[3]</sup> Monitoring	Activity	Dominant Noise Source	Noise Goal LA10 <sup>[1]</sup>	Noise level LA10	Noise Goal LAeq <sup>[2]</sup>	Noise level LAeq	Adhered to Project Requirements (Yes / No)
1.	14/07/2025	11:37:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	Internal	General construction works	Background noise	42	33.2	35	33.2	Yes
2.	17/07/2025	2:25:00 PM	Boggo Road (Boggo Road Precinct)	Construction Monitoring at Sensitive Places	External	Demolition works	Construction	77	83.5	67	78.7	Yes
3.	22/07/2025	2:34:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Concrete works	Construction	72	81.9	62	76.6	Yes
4.	22/07/2025	2:54:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Concrete works	Construction	72	87.6	62	86.9	Yes
5.	23/07/2025	11:39:00 AM	Boggo Road (Boggo Road Precinct)	Model Verification	External	Demolition works	Construction	77	82.6	67	79.5	Yes
6.	23/07/2025	12:07:00 PM	Boggo Road (Boggo Road Precinct)	Model Verification	External	Demolition works	Construction	77	71.1	67	70	Yes
7.	29/07/2025	12:31:00 PM	Boggo Road (Boggo Road Precinct)	Model Verification	External	Demolition works	Construction	77	84.8	67	80.7	Yes
8.	30/07/2025	9:15:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Demolition works	Construction	72	77	62	75.4	Yes

- [1] Intermittent noise goal (LA10)

- [2] Continuous noise goal (LAeq)

- [3] In accordance with Imposed Condition 11, where internal noise levels were unable to be measured, external noise goals were developed by an acoustic specialist using the following standards: ISO 140-5:1998 Acoustics – Measurement of Sound Insulation in Buildings and of Building Elements, Part 5: Field measurements of airborne sound insulation of façade elements and facades and ISO 354:1985 Acoustics – Measurement of sound absorption in a reverberation room.

### 3.3 Air Quality

#### 3.3.1 Deposited Dust Results

Air quality requirements (levels) are defined as goals within Imposed Condition 13. The goals are to be aimed for. The Coordinator-General's Change Reports acknowledges instances when these goals may not be achieved. Dust deposition monitoring was performed in July 2025. The dust deposition gauge results for the reporting period are detailed below, and all monitoring data adhered to Project requirements.

Table 4: Air Quality Monitoring – July Deposited Dust Data

Location	Project Wide Air Quality Goals <sup>[1]</sup>			Monitoring results (mg/m <sup>2</sup> /day)	Comments
	Criterion	Air Quality Indicator	Goal (mg/m <sup>2</sup> /day)		
Roma Street Precinct	Nuisance	Deposited dust	120	9.68	Air quality monitoring was performed during the reporting period. All results adhered to Project requirements.
Albert Street Precinct (North)				12.90	
Albert Street Precinct (South)				22.58	
Woolloongabba Precinct (North)				39.39	
Woolloongabba Precinct (South)				27.27	
Boggo Road Precinct (North)				3.33	
Boggo Road Precinct (South)				23.33	
Southern Portal (East)				20.00	

- [1] Project works must aim to achieve construction air quality goals. The Coordinator-General Change Report – Whole of Project Refinements 2019 acknowledges that instances exist in which these goals may not be achieved.

### 3.3.2 Ambient Air Quality Results

Monitoring of Total Suspended Particles (TSP) and particulate matter less than 10µm (PM10) was conducted in July 2025.

TSP and PM10 are monitored using portable air quality units and nearby Government air quality stations. Targeted monitoring of potential dust-generating activities is conducted by the mobile air quality units and was completed at Woolloongabba, Albert Street and Boggo Road Precincts in July 2025. Three (3) Government air quality stations near the Construction Precincts are also utilised.

Table 5: Targeted Air Quality Monitoring – Total Suspended Particles and PM10 Data

Date	TSP	PM10	Woolloongabba		Albert Street		Boggo Road	
	Project Goal <sup>[1]</sup>	Project Goal <sup>[1]</sup>	TSP	PM 10	TSP	PM 10	TSP	PM 10
	(µg/m <sup>3</sup> /24 hr)							
01-July-25	80	50	- <sup>[2]</sup>	- <sup>[2]</sup>	1.65	2.00	5.38	5.22
02-July-25	80	50	3.41	3.00	- <sup>[3]</sup>	- <sup>[3]</sup>	5.17	4.86
03-July-25	80	50	5.34	4.99	4.98	4.95	3.02	2.89
04-July-25	80	50	13.56	13.38	2.63	2.61	11.93	11.84
05-July-25	80	50	24.71	24.55	- <sup>[3]</sup>	- <sup>[3]</sup>	22.25	22.19
06-July-25	80	50	19.24	19.19	- <sup>[3]</sup>	- <sup>[3]</sup>	20.81	20.76
07-July-25	80	50	10.31	10.07	6.31	6.30	8.95	8.90
08-July-25	80	50	11.23	11.08	6.83	6.77	8.95	8.91
09-July-25	80	50	22.42	22.22	- <sup>[3]</sup>	- <sup>[3]</sup>	19.46	19.38
10-July-25	80	50	14.47	13.90	- <sup>[3]</sup>	- <sup>[3]</sup>	15.55	15.36
11-July-25	80	50	8.52	8.23	6.14	6.12	5.46	5.32
12-July-25	80	50	18.09	17.96	2.33	2.33	13.60	13.53
13-July-25	80	50	22.19	22.08	- <sup>[3]</sup>	- <sup>[3]</sup>	19.80	19.74
14-July-25	80	50	17.77	17.50	- <sup>[3]</sup>	- <sup>[3]</sup>	13.36	13.26
15-July-25	80	50	28.96	28.67	16.49	16.38	24.80	24.64
16-July-25	80	50	21.23	21.01	17.69	17.69	19.76	19.69
17-July-25	80	50	25.65	25.54	- <sup>[3]</sup>	- <sup>[3]</sup>	28.42	28.35
18-July-25	80	50	22.39	22.25	- <sup>[3]</sup>	- <sup>[3]</sup>	25.96	25.58

Date	TSP Project Goal <sup>[1]</sup>	PM10 Project Goal	Woolloongabba		Albert		Boggo Road	
			TSP	PM 10	TSP	PM 10	TSP	PM 10
			(µg/m <sup>3</sup> /24 hr)					
19-July-25	80	50	12.37	12.29	4.82	4.78	11.26	11.21
20-July-25	80	50	8.91	8.84	4.39	4.39	7.74	7.69
21-July-25	80	50	7.00	6.93	- [3]	- [3]	7.29	7.25
22-July-25	80	50	10.76	10.66	5.24	5.23	10.04	9.99
23-July-25	80	50	14.47	14.37	7.57	7.57	12.74	12.68
24-July-25	80	50	12.82	12.68	- [3]	- [3]	11.28	11.22
25-July-25	80	50	16.39	16.28	9.38	9.38	14.86	14.78
26-July-25	80	50	19.17	19.08	18.09	18.09	17.99	17.94
27-July-25	80	50	3.82	3.70	- [3]	- [3]	3.62	3.54
28-July-25	80	50	4.34	4.04	3.07	3.07	2.47	2.40
29-July-25	80	50	5.75	5.64	2.51	2.51	5.21	5.13
30-July-25	80	50	10.75	10.49	- [3]	- [3]	9.72	9.62
31-July-25	80	50	6.64	6.44	5.48	5.47	3.70	3.63

- [1] Project works must aim to achieve construction air quality goals. The Coordinator-General Change Report – Whole of Project Refinements 2019 acknowledges instances where these goals may not be achieved.
- [2] The Woolloongabba air quality unit experienced technical difficulties on the 1<sup>st</sup> July 2025. As soon as practicable, the unit was inspected, and the issue was resolved. A nearby (South Brisbane) DETSI Air Quality Station demonstrated compliant air quality during this outage period.
- [3] The Albert Street air quality unit experienced intermittent technical difficulties throughout July 2025. As soon as practicable, the unit was inspected, and the issue was resolved. A nearby (Brisbane CBD) DETSI Air Quality Station demonstrated compliant air quality during this outage period.

CBGU also utilise three (3) Government air quality monitoring stations to monitor PM10 near the Project sites. The results during this reporting period were as follows:

- Brisbane CBD: PM10 daily maximum average: **31.7 µg/m<sup>3</sup>/24 hr** (<https://apps.des.qld.gov.au/air-quality/chart/?station=cbd&parameter=18&date=1/07/2025&timeframe=month>)
- South Brisbane: PM10 daily maximum average: **39 µg/m<sup>3</sup>/24 hr** (<https://apps.des.qld.gov.au/air-quality/chart/?station=sbr&parameter=18&date=1/07/2025&timeframe=month>)
- Woolloongabba: PM10 daily maximum average: **36.6 µg/m<sup>3</sup>/24 hr** (<https://apps.des.qld.gov.au/air-quality/chart/?station=woo&parameter=18&date=1/07/2025&timeframe=month>)

The graphical representation of the Government air quality data is presented in the charts below (refer to Figure 1-3).

**Particle PM<sub>10</sub> at Brisbane CBD, 1–31 July 2025** [about Particle PM<sub>10</sub>](#)

[Brisbane CBD station overview](#)

The guideline for Particle PM<sub>10</sub> is 100µg/m<sup>3</sup> (1hr avg) and 50µg/m<sup>3</sup> (24hr avg).

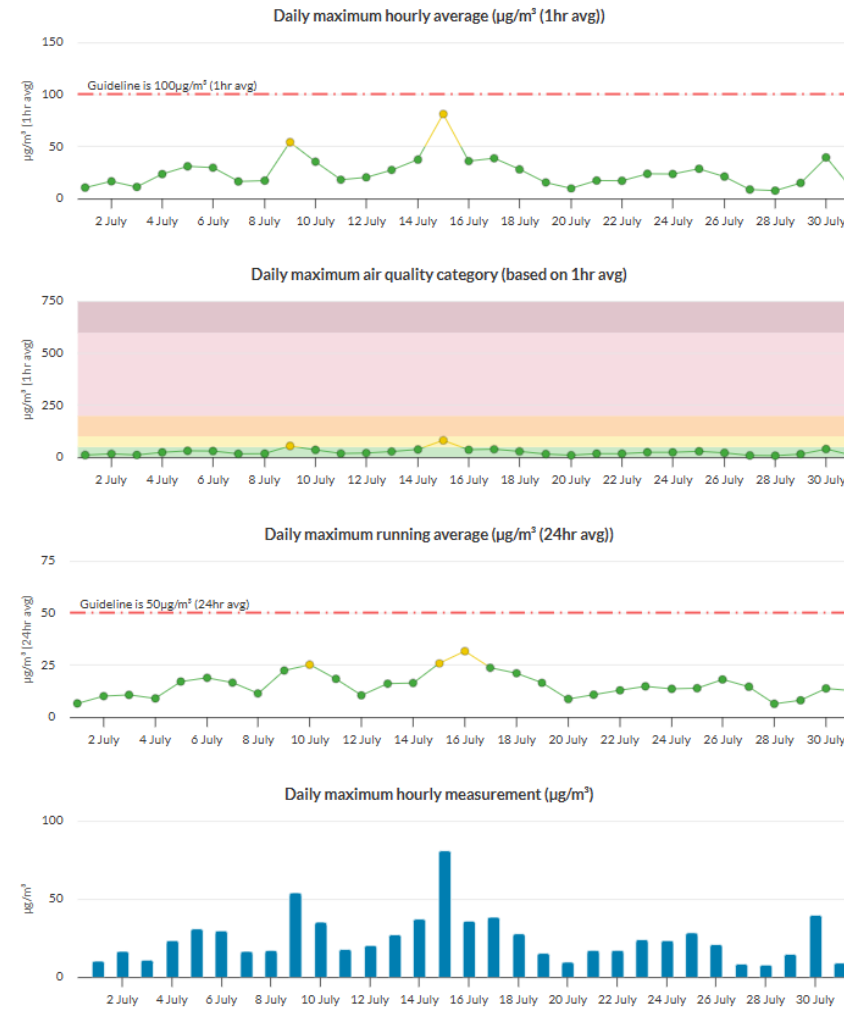


Figure 1: Brisbane CBD – DETSI Station - PM10 graph for July 2025 (reproduction from the DETSI website).

**Particle PM<sub>10</sub> at South Brisbane, 1–31 July 2025** [about Particle PM<sub>10</sub>](#)

[South Brisbane station overview](#)

The guideline for Particle PM<sub>10</sub> is 100µg/m<sup>3</sup> (1hr avg) and 50µg/m<sup>3</sup> (24hr avg).

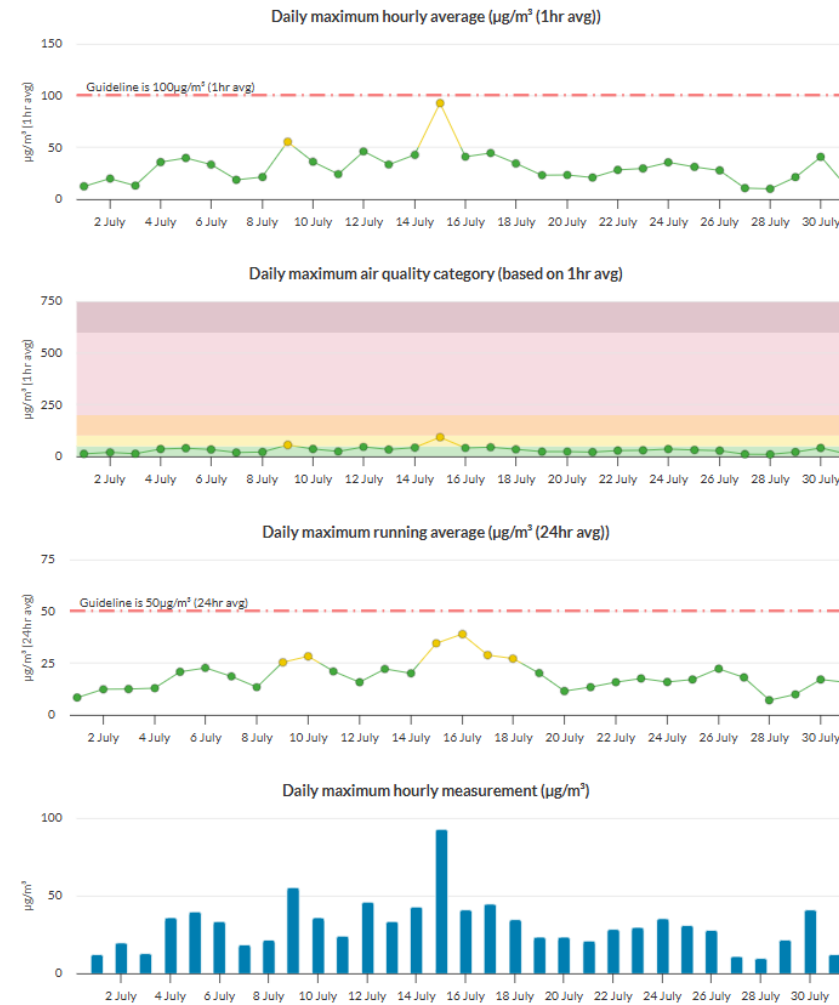


Figure 2: South Brisbane – DETSI Station - PM10 graph for July 2025 (reproduction from the DETSI website).

**Particle PM<sub>10</sub> at Woolloongabba, 1–31 July 2025** [about Particle PM<sub>10</sub>](#)

[Woolloongabba station overview](#)

The guideline for Particle PM<sub>10</sub> is 100µg/m<sup>3</sup> (1hr avg) and 50µg/m<sup>3</sup> (24hr avg).

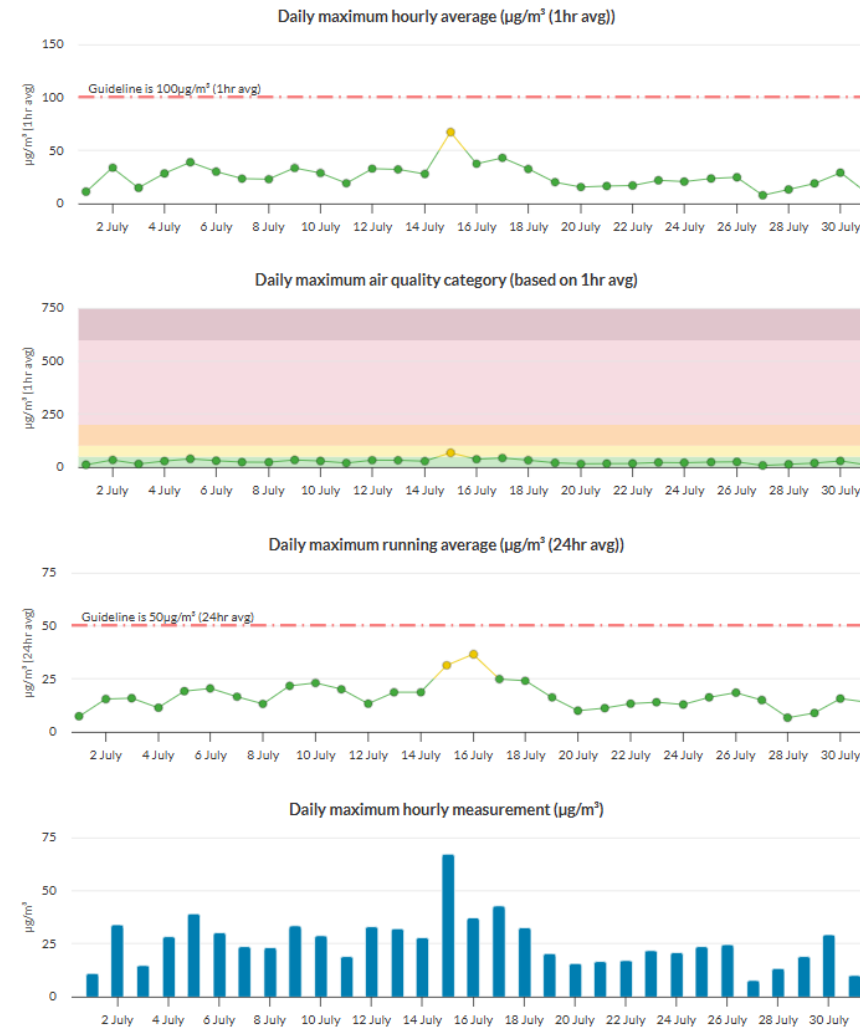


Figure 3: Woolloongabba – DETSI Station - PM10 graph for July 2025 (reproduction from the DETSI website).

### 3.4 Water Quality – Discharge

CBGU undertook ten (10) water quality monitoring events (groundwater and surface water) before the release from the site.

#### 3.4.1 Groundwater Discharge

Water quality monitoring data is provided in the table below.

Table 6: Groundwater Discharge – Water Quality Monitoring Data

Location	Date	Testing of Water Quality Objectives <sup>[1]</sup>											Adhered to Project Requirements (Yes / No)
		pH	Suspended solids (mg/L)	Turbidity (NTU)	Ammonia N (µg/L) <sup>[3]</sup>	Oxidised N (µg/L) <sup>[3]</sup>	Organic N (µg/L) <sup>[3]</sup>	Total nitrogen (µg/L) <sup>[4]</sup>	Total phosphorus (µg/L)	Filterable Reactive phosphorus (µg/L) <sup>[3]</sup>	Chlorophyll a (µg/L)	Dissolved oxygen (%) <sup>[2]</sup>	
Albert Street	21/07/2025	7.60	<5	0.20	310.00	210.00	<100	600.00	<10	<10	<1	109.29	Yes

- [1] The Project's discharge procedure minimises environmental impact and aims to achieve the water quality objectives. Water quality objectives are defined as goals within the Brisbane River estuary environmental values and water quality objectives document.
- [2] All results adhere to Project requirements in that site practices are designed to aim to achieve the water quality objectives. The dissolved oxygen samples were acquired before discharge from the site. Pumping of the water will have inadvertently aerated the water, thus influencing the dissolved oxygen level.
- [3] All results adhere to Project requirements in that site practices aim to achieve the water quality objectives. These samples identified results generally consistent with pre-construction conditions, and no external influences were introduced by construction activity.
- [4] Total nitrogen levels adhered to Project requirements in that site practices are designed to aim to achieve the water quality objectives. The results are mostly below that of the receiving environment. They are also considered abnormal compared to results from previous months and are influenced by external factors (e.g. high rainfall events, overloaded sewage systems, fertilising natural areas, etc.) rather than related to construction activities.

Note: Testing of EPP (Water) Quality Objectives is analysed monthly at a NATA-accredited laboratory (results provided above). Field testing (turbidity and pH) is conducted regularly during ongoing discharge.

### 3.4.2 Ponded/Surface Water Discharge

Discharged ponded/Surface water quality monitoring data is provided in the table below.

Table 7: Surface Water Discharge - Water Quality Monitoring Data

No.	Location	Date	Testing of Water Quality Objectives <sup>[1]</sup>		Adhered to Project Requirements (Yes / No)
			pH	Turbidity (NTU)	
1.	Northern Portal <sup>[2]</sup>	17/06/2025	8.41	0.76	Yes
2.	Northern Portal <sup>[2]</sup>	20/06/2025	8.44	0.71	Yes
3.	Northern Portal <sup>[2]</sup>	22/06/2025	8.39	0.71	Yes
4.	Northern Portal <sup>[2]</sup>	24/06/2025	8.43	0.70	Yes
5.	Northern Portal <sup>[2]</sup>	26/06/2025	8.41	0.72	Yes
6.	Northern Portal	1/07/2025	8.43	0.71	Yes
7.	Southern Portal	1/07/2025	8.11	35.7	Yes
8.	Northern Portal	3/07/2025	8.33	0.72	Yes
9.	Northern Portal	5/07/2025	8.41	0.74	Yes

- <sup>[1]</sup> The Project's discharge procedure is designed to minimise environmental impact and aims to achieve the water quality objectives. All discharges were compliant with Guidelines for Best Practice Erosion and Sediment Control (IECA, 2008) and the Department of Transport and Main Roads' Technical Standard MRTS 52 – Erosion and Sediment Control.
- <sup>[2]</sup> The Northern Portal data was not available at the time the June 2025 report was completed. As such, the results have been included in this month's report.

### 3.5 Water Quality – Surface Water

In July 2025, CBGU JV undertook one (1) round of surface water sampling at five (5) site locations (upstream and downstream).

The monitoring locations' results reflect the overall condition of the broader catchment, not just the project's influence. Water discharge from the project would not have impacted the catchment, considering the results also provided in section 3.4 above.

Table 8: Offsite Upstream & Downstream Water Quality Data

Location	Upstream / Downstream	Date	Purpose of Monitoring	Turbidity (NTU)	Dissolved oxygen (%)	pH
Roma Street	Upstream	21/07/2025	Monthly	9.71	107.23	7.77
Roma Street	Downstream	21/07/2025	Monthly	9.32	107.45	7.8
Albert Street	Upstream	21/07/2025	Monthly	13.59	104.29	7.53
Albert Street	Downstream	21/07/2025	Monthly	15.1	105.62	7.77
Northern Portal	Upstream	21/07/2025	Monthly	8.81	111.69	7.61
Northern Portal	Downstream	21/07/2025	Monthly	5.13	74.08	7.31
Woolloongabba	Upstream	21/07/2025	Monthly	29.6	102.81	7.71
Woolloongabba	Downstream	21/07/2025	Monthly	34.5	95.74	7.22
Boggo Road <sup>[1]</sup>	Upstream	21/07/2025	Monthly	10.17	77.73	7.58

- [1] Monitoring at the Boggo Road site occurs at a culvert outlet at the beginning of the surface catchment. There is no upstream or downstream monitoring point as such. The culvert outlet receives water released from the site and a broader stormwater catchment.

## 4. Non-Compliances

Details of non-compliances are provided in accordance with Imposed Condition 6(b)(ii).

A Non-Compliance Event is defined as Project works that do not comply with the Imposed Conditions. Nil non-compliances occurred during the monitoring period.

Table 9: Non-Compliance Events this Month

Event Title	Location, Date, and time of the event	Date the Event was Formally Notified to CG/IEM	Conditions Affected	Date the Event Report Formally Sent to CG/IEM	Status of Event
Nil					

## 5. Complaints

The reporting of complaints is provided below in accordance with Imposed Condition 6(b)(iii).

During July 2025, eighteen (18) complaints were received by CBGU, however, only seven (7) were in relation to Project Works, as detailed in Table 10 below.

Table 10: Summary of Complaints

No.	Date	Location	Description of Issue	Responses	Status of Event
1.	01/07/2025	Albert Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
2.	01/07/2025	Albert Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
3.	04/07/2025	Albert Street (Albert Street Precinct)	Worker Behaviour	A stakeholder contacted the Project regarding workforce behaviour at CBGU's Albert Street worksite. CBGU investigated the event and reminded the workforce of employee expectations and appropriate behaviour.	Closed
4.	08/07/2025	Albert Street (Albert Street Precinct)	Worker Behaviour	A stakeholder contacted the Project regarding workforce behaviour at CBGU's Albert Street worksite. CBGU investigated the event and reminded the workforce of employee expectations and appropriate behaviour.	Closed
5.	09/07/2025	Albert Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
6.	10/07/2025	Albert Street (Albert Street Precinct)	Noise	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU provided the stakeholder with an overview of the works occurring and their duration. CBGU reviewed the circumstances, and monitoring confirmed that the works adhered to the Project's noise requirements and were consistent with the community notification.	Closed

7.	10/07/2025	Albert Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
8.	11/07/2025	Quarry Street (Boggo Road Precinct)	Traffic management	A stakeholder contacted the Project regarding parking near CBGU's Boggo Road worksite. CBGU investigated the event and reminded the workforce of parking requirements.	Closed
9.	14/07/2025	Albert Street (Albert Street Precinct)	Worker Behaviour (Not related to project works)	A stakeholder contacted the Project regarding worker behaviour near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
10.	17/07/2025	Mary Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
11.	18/07/2025	Albert Street (Albert Street Precinct)	Noise	A stakeholder contacted the Project regarding noise generated from the Albert Street worksite. CBGU provided the stakeholder with an overview of the works occurring and their duration. CBGU reviewed the circumstances, and monitoring confirmed that the works adhered to the Project's noise requirements and were consistent with the community notification.	Closed
12.	18/07/2025	Roma Street (Roma Street Precinct)	Worker Behaviour	A stakeholder contacted the Project regarding workforce behaviour at CBGU's Roma Street worksite. CBGU investigated the event and reminded the workforce of employee expectations and appropriate behaviour.	Closed
13.	22/07/2025	Albert Street (Albert Street Precinct)	Property damage (Not related to project works)	A stakeholder contacted the Project regarding property damage near CBGU's Albert Street worksite. CBGU investigated the event and confirmed the damage was not caused by the Project, but rather, another contractor performing utilities works in the area.	Closed

14.	23/07/2025	Kent Street (Boggo Road Precinct)	Traffic Management (Not related to project works)	A stakeholder contacted the Project regarding parking near CBGU's Southern Portal worksite. CBGU investigated the event and confirmed the vehicle did not belong to any of the workforce. CBGU reminded the workforce of parking requirements.	Closed
15.	28/07/2025	Albert Street (Albert Street Precinct)	Traffic Management (Not related to project works)	A stakeholder contacted the Project regarding traffic management near CBGU's Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities and traffic management were related to another contractor performing utilities works in the area.	Closed
16.	28/07/2025	Mary Street (Albert Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Albert Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing utilities works in the area.	Closed
17.	30/07/2025	Stanley Street (Woolloongabba Precinct)	Potential loss of business	A stakeholder contacted regarding potential loss of business resulting from an upcoming traffic change as part of the Woolloongabba utilities work package. CBGU advised the stakeholder of the traffic management requirements and confirmed that footpath access will be maintained.	Closed
18.	31/07/2025	Roma Street (Roma Street Precinct)	Noise (Not related to project works)	A stakeholder contacted the Project regarding noise generated near the Roma Street worksite. CBGU reviewed the circumstances and confirmed that the activities were related to another contractor performing works in the area.	Closed