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Appendix A – RIS Monthly Report

Appendix B – TSD Monthly Report

Appendix C – Non-Compliance Event Reports





Executive Summary

This Monthly Environmental Report (MER) has been produced for Project Works undertaken on site for May 2020 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 reports – condition change (hours of works) 2019 (CGCR, October 2019) and Temporary change of certain work hours May 2020 (effective 7 May) 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. The 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** (Rail, Integration and Systems) and **Appendix B** (Tunnel, Stations and Development). Non-Compliance Event Reports submitted in May are attached in **Appendix C**.

The Environmental Monitor has reviewed and endorsed this MER. This endorsement follows ongoing and new document reviews, and surveillance across the construction sites (taken place through surveillance officers designated to single sites in response to the COVID-19 restrictions and other means).

The CEMPs prepared by both Unity Alliance (RIS Contractor) and CBGU JV (TSD Contractor) for their Relevant Project Works were endorsed by the Environmental Monitor (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 against each condition:

CG Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
1.	General conditions – compliance with the Project Changes relevant to the Contractor's scope	Yes	The CEMP and site plans are in accordance with the Project Changes.
2.	Outline Environmental Management Plan – timely submission to the Coordinator-General including required sub plans	Yes	This has been submitted to the Coordinator-General and the project is working under the currently approved version. Following any future Requests for Project Change (RfPC), this document will be updated and resubmitted. Note that RfPC 6 did not require changes to the OEMP as this was directly related to delivery hours during the COVID-19 government Public Order (i.e. was a temporary change).
3.	Design - achievement of the Environmental Design Requirements	NA	Documents continue to be reviewed related to compliance with the environmental deisgn standards.
4.	Construction Environmental Management Plan – all relating to Relevant Project Works	Yes	TSD - CEMP Rev 3 became effective on 11 February, a further revision is going through the final stages of review and endorsement.





CG Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
			This will be submitted to the Coordinator- General in June 2020
			RIS - CEMP endorsed for Enabling and Advanced Works on 23 August 2019. CEMP for upcoming Northern Portal (Stage 1), RNA Showgrounds (Stage 1) and Mayne Yard North (Stage 1) works is being developed for submission to the CG.
5.	Compliance and Incident management - Non-compliance events, notifications and reporting	Yes	Refer to section 2.6 of this report.
6.	Reporting – Monthly and Annual reporting	No	TSD - Reporting continues to be refined in consultation with the Office of Coordinator-General (OCG), EM and Contractors to ensure all requirements are adequalty addressed. NCE (CRRDA-005-TSD-004) addressed this and was closed on 31 May.
7.	Environmental Monitor - engaged and functions resumed	Yes	Ongoing
8.	Community Relations Monitor - engaged and functions resumed	Yes	Ongoing
9.	Community engagement plan - developed and endorsed by Environmental Monitor	Yes	CEMP's endorsed with Community Engagement Plan
10.	Hours of work – works undertaken during approved hours	Yes	This has been achieved through standard working hours, Extended work hours and Managed Work.
	Noise – Work must aim to achieve internal noise goals for human health and well-being	Yes	TSD - Refer to Appendix B (Table 2). RIS - Refer to Appendix A (Table 3).
11.	Vibration - Works must aim to achieve vibration goals for cosmetic damage, human comfort and sensitive building contents.	Yes	TSD - Refer to Appendix B (Table 1) . RIS - Vibration monitoring was not triggered under the CEMP for works in May.
12.	Property damage relating to ground movement	Yes	TSD - Ongoing vibration modelling has been prepared and, where required, building condition survey reports completed. RIS - Ongoing vibration modelling has been prepared and, where required, building condition survey reports completed.





CG Condition	Requirement Summary	Compliance Met (Yes/No/NA)	Comment
13.	Air quality - Works must aim to achieve air quality goals for human health and nuisance.	Yes	TSD – Refer to Appendix B (Table 3). RIS - Refer to Appendix A (Table 5, Figure 4 and Figure 5).
14.	Traffic and transport - Works must minimise adverse impacts on road safety and traffic flow.	Yes	TSD - Traffic Management Plan covered in the CEMP and sub plans reviewed by the Environment Monitor.
15.	Water quality - Works must not discharge surface water and groundwater from the construction site above the relevant environmental values and water quality objectives.	Yes	No discharges of surface water or groundwater occurred in May. Post rain monitoring was not triggered.
16.	Water resources – evaluate potential impact, plan works, implement controls and monitor inflow of groundwater associated with drawdown.	Yes	Ongoing
17.	Surface water - 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.	Erosion and sediment control - 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	TSD - Site specific ESC plans for all active work sites have been certified and reviewed by the Environmental Monitor and implemented on site. Monitoring is undertaken in site inspections. NCE CRRDA-002-TSD-001 and CRRDA-003-TSD-002 were closed out on the 31 May. RIS - Site specific ESC plans have been certified and implemented for all active worksites.
19.	Acid sulfate soils managed as per the Queensland Acid Sulfate Soil Technical Manual.	Yes	TSD - CEMP covers Acid Sulfate Soils Management Plan. RIS – Acid Sulfate Soil Management Plans have been prepared for upcoming works at Mayne Yard North, RNA Showgrounds and Fairfield to Salisbury area.
20.	Landscape and open space – general requirement to minimise impacts on landscapes and open space values and specific requirements around Victoria Park	Yes	RIS - Site Environmental Plan prepared and implemented for Victoria Park Access Road works.





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

Non-Compliance Events

There were no Non-Compliance Events (NCE) raised in May.

The five NCE 48hr notification reports raised on 31 March 2020, were investigated in early-April and the 14-day NCE Reports submitted to the Coordinator-General in April. All corrective actions (as described in the April MER) were completed by 31 May and the NCE's closed out.





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
CG	Coordinator-General
CGCR	Coordinator-General's Change Report
Community Relations Monitor	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
EIS	Environmental Impact Statement
Environmental Monitor	The Environmental Monitor engaged in accordance with Imposed Condition 7
ESC	Erosion and sediment control
Imposed condition/s	A condition/s imposed by the Coordinator-General under section 54B of the SDPWO Act for the Project
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
QR	Queensland Rail
RfPC	Request for Project Change
RIS	Rail, Integration and Systems
SDPWO Act	State Development and Public Works Organisation Act 1971
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, six Requests for Project Change (RfPCs) have been evaluated by the Coordinator-General, at the time of writing this report.

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 Outline Environmental Management Plan (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. During initial Project Delivery phase, 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
- Southern Area

These are shown in the figures 1 and 2 overleaf.





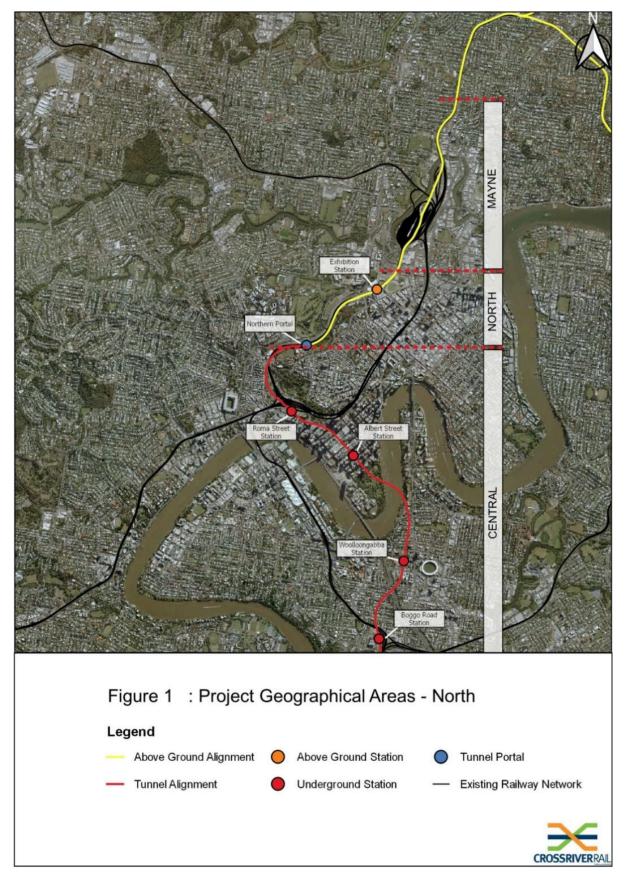


Figure 1: Project Areas – Mayne, North and Central





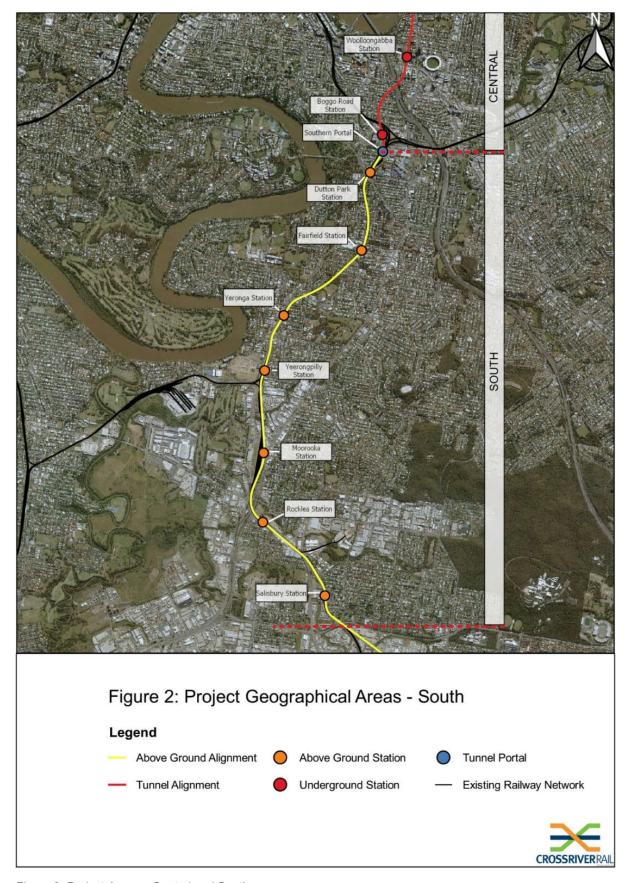


Figure 2: Project Areas – Central and South





1.3 Reporting Framework

This MER for May has been prepared to comply with 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 Non-Compliance Event (NCE), 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, will be reviewed and endorsed by the Environmental Monitor.

1.4 Monthly Environment Report Endorsement

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

2. Compliance Review

This Monthly Report has been reviewed and endorsed by Environmental Monitor as per Condition 7 of the Coordinator-General Change Report (CGCR).

2.1 Relevant Project Works

The following Project Works were undertaken in May 2020:

Area	Project Works
Mayne Area	 Settlement monitoring of localised Mayne Yard North surcharge area. Lighting tower removal commenced. Site establishment of the ancillary site office. Installation of erosion and sediment controls.
Northern Area	 Northern Satellite Office facilities are completed and are occupied. Lighting tower removals and retaining wall demolition in Normanby has commenced as planned. Demolition and removal of redundant pits, services, OHLE foundations in the rail corridor is progressing as planned. RNA site establishment works have commenced with fit out and installation of building services. RNA dilapidation surveys have been completed.
Central Area	Roma Street - Continued demolition of the Brisbane Transit Centre and Hotel Jen; demolition of former BTC Coach Ramp; acoustic shed completion; shaft and adit excavation; implementation of Inner Northern Busway diversion and site establishment work across the site.
	 Albert Street - Piling and site establishment; shaft excavation; and acoustic shed construction.
	Woolloongabba - Piling; site establishment; decline and shaft excavation; electrical shelter installation complete and substation is ready for energisation.
	Boggo Road – Piling and site establishment; new temporary Outlook Park relocation complete.
Southern Area	No project works undertaken.





2.2 Key Environmental Elements

2.2.1 Noise

For the RIS scope of works, noise monitoring was undertaken out of hours to validate predictive modelling during driveway works on Gregory Terrace. Noise levels did not exceed the project noise goals for out of hours works.

TSD undertook noise monitoring on 57 occasions during the month as summarised in the graph below and detailed in **Appendix B.** Where internal monitoring was not possible for the contractors, they have undertaken external monitoring at nominated locations. The contractors noise consultants have then nominated suitable façade attenuation corrections, considering receiver property type, to determine compliance against the project's noise goals and to provide further calibration of the completed modelled predictions. The contractors have reported that the project noise goals have been met during this reporting month. A breakdown of the 57 monitoring events by time of day and location is shown in Figure 3 below.

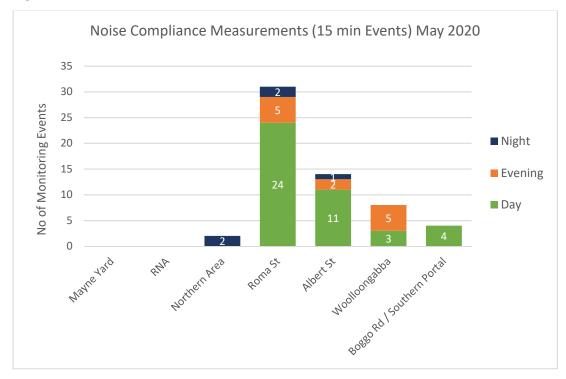


Figure 3: TSD Noise Compliance Measurements

2.2.2 Vibration

Vibration monitoring was not triggered under the CEMP for RIS works during the reporting month (refer to Attachment 4 Construction Environmental Monitoring Program of the RIS CEMP).

The TSD contractor undertook vibration monitoring on 30 occasions across all sites (Roma Street, Albert Street, Woolloongabba and Boggo Road). The contractor reported the results were within the project's nominated goals on each occasion.

2.2.3 Air Quality

2.2.3.1 Dust Deposition

Dust deposition monitoring was conducted at Mayne Yard, Northern Corridor, RNA Showgrounds, Albert Street, Boggo Road, Roma Street and Woolloongabba sites during the month. All monitoring





results met the Coordinator-General's air quality goals. A summary of the air quality monitoring is shown in the table below.

Air Quality -	Air Quality - Dust Deposition Monitoring						
Area	Site	Monitoring Location	Dust Deposition	Comments			
Mayne	Mayne Yard	East Mayne Yard	✓	Results met air quality goal			
Yard	Mayric Talu	West Mayne Yard	✓	Results met air quality goal			
	Northern	Victoria Park	✓	Results met air quality goal			
Northern	Corridor	Centenary Pool	✓	Results met air quality goal			
Area	RNA/Exhibition	RNA Showgrounds	✓	Results met air quality goal			
	Albert St	Mary Street	√	Results met air quality goal			
	Boggo Rd / Southern Portal	Quarry Street Peter Doherty Street	✓	Results met air quality goal			
Central Area	Roma St	Platform 3 Roma Street Station	✓	Results met air quality goal			
Alou	Weelleengebbe	Russian Orthodox Cathedral	✓	Results met air quality goal			
	Woolloongabba	Woolloongabba Busway	✓	Results met air quality goal			
Southern Area	Fairfield to Salisbury	N/A	N/A	Monitoring not undertaken – no active high-risk activities.			

2.2.3.2 Particulate Matter (PM10 / TSP)

Minor earthworks were undertaken in the Northern Corridor with erosion and sediment control installation and site establishment works undertaken at Mayne Yard North and RNA Showgrounds. PM10 and TSP were monitored in the Northern Corridor and at Mayne Yard with all results meeting the Coordinator-General's air quality goals.

Whilst dispersion modelling for the TSD packages does not indicate any exceedances of PM10 or TSP at any TSD worksite for the current works, monitoring of PM10 and TSP was undertaken at the Woolloongabba and Roma Street sites throughout the reporting period using mobile air quality units. The contractors noted no exceedances of the air quality goals. The Contractors also reviewed air quality results for PM10 from the DES monitoring stations in Brisbane CBD, South Brisbane, Woolloongabba, and Transurban monitoring stations at Victoria Park (E1) and The Centenary Pool (E2). No exceedances were identified. A summary of particulate matter monitoring is shown below:

Area	Active Site*	Monitoring Location	Comments
Mayne Yard	Mayne Yard	Mayne Yard Eastern Air Shed	Contractor confirmed PM10 and TSP results met air quality criteria
Northern Area	Northern Corridor	Northern Corridor Eastern Air Shed	Contractor confirmed PM10 and TSP results met air quality criteria
	Albert St	Mary Street QUT Gardens Point	Contractor confirmed results met air quality criteria for PM10. No data available for TSD but deemed compliant based on low PM10 monitoring results.
Central	Boggo Rd / Southern Portal	DES Monitoring Station O'Keefe Street, PA Hospital	Contractor confirmed results met air quality criteria for PM10. No data available for TSD but deemed compliant based on low PM10 monitoring results.
Area	Roma St Roma Street St		Contractor confirmed PM10 and TSP results met air quality criteria
	Woolloongabba	TMR / DES monitoring Station South Brisbane	Contractor confirmed PM10 and TSP results met air quality criteria

^{*}RNA and Fairfield to Salisbury had no active high-risk activities





2.2.4 Water Quality

No water quality monitoring was undertaken for the RIS scope of works this month. The highest rainfall recorded across all active RIS worksites was 6mm on 21 May at the Mayne Yard weather station, thus indicating nil to very low risk of run-off. Unity indicated the routine monthly monitoring was cancelled in May due to safety concerns. It has now been resolved and the monthly monitoring program recommenced in June 2020.

There were no surface water discharges either active or passive from RIS work sites. There were no groundwater discharges.

For the TSD package, one round of surface water quality monitoring was conducted this month. This included upstream and downstream sampling at five worksite discharge point locations. There were no surface or groundwater discharges from any TSD work sites.

2.2.5 Erosion and Sediment Control

Site specific Erosion and Sediment Control (ESC) Plans have been prepared or updated and implemented for Mayne Yard North, RNA Showgrounds, Northern Area, Roma Street, Albert Street, Woolloongabba and Boggo Road.

2.3 Complaints Management

The Cross River Rail project received nine complaints during the month. All were recorded for the TSD works. The TSD Monthly Environment Report (**Appendix B**) details these. Types of complaints included noise, out of hours works, dust and workforce parking.

Where attended noise monitoring was in response to a complaint, the contractor confirmed that the works undertaken at the time of the complaint adhered to project requirements. For dust related complaints, the contractor advised stakeholders that air quality monitoring is ongoing and dust mitigation measures are used effectively on site with works adhering to project requirements. All complaints were closed out by the TSD contractor.

The TSD contractor stated for scheduled Out of Hours works undertaken, community notification had been provided in all instances, as well as regular project updates to the community.

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	Removal of three radio towers and crane pad construction.
Area	• Commence concrete works on existing Breakfast Creek bridge for the re-decking of the sidings bridge to enable construction access.
	Mayne and Breakfast Creek under track crossings.
	Mayne North OHLE portal modification.
Northern	Signalisation of Gregory Terrace intersection with Victoria Park access road.
Area	Removal of vegetation and redundant structures at RNA site.
	Stormwater installation within rail corridor.
	• Temporary protection of existing sewer and demolition of eastern section of pedestrian underpass for temporary access south of the land bridge.
	Relocation of Queensland Rail water main feed to the train wash facility.
	Lanham Street Brisbane City Council yard relocation.





Central Area	 Roma Street – Works in the rail corridor to be carried out in mid-June and tower crane removal. Albert Street – Test blasting in the Lot 2 shaft to commence in June and excavation of station box on Lot 1 to start in late June. Completion of the acoustic shed in the coming months will mean 24hr tunnelling will commence within the acoustic enclosure.
	Woolloongabba – Test blasting in station box to commence in June cavern excavation and spoil shed construction to occur in July and 24 hour work to be fully established with shaft excavation and earthworks.
	Boggo Road – Traffic realignment to commence in June and station box excavation to occur until August.
Southern Area	Site establishment works at Fairfield station.

2.5 Non-Compliance Events

The summary of Non-Compliance Events is shown in the table below:

Status	Date of event	Category	Area as on the Report	Condition breaches	Gate 1	Gate 2	Gate 3	Gate 4	Gate 5
Closed	_		<u> </u>						•
CRRDA-001-RIS-001	11/09/19	Noise	Yeronga Station	4, 10, 11	11/10/19	14/11/19	26/11/19	18/12/19	01/10/20
CRRDA-002-TSD-001	27/03/20	ESC	Woolloongabba	4, 15, 18	30/03/20	31/03/20	22/04/20	06/11/20	31/05/20
CRRDA-003-TSD-002	27/03/20	ESC	Boggo Rd	4, 15, 18	30/03/20	31/03/20	22/04/20	06/11/20	31/05/20
CRRDA-004-TSD-003	28/03/20	Traffic	Boggo Rd	4, 10, 14	30/03/20	31/03/20	22/04/20	06/11/20	31/05/20
CRRDA-005-TSD-004	27/03/20	Reporting	Albert St, Boggo Rd, Roma St, Woolloongabba	4, 6, 11, 13	30/03/20	31/03/20	22/04/20	06/11/20	31/05/20
CRRDA-006-TSD-005	27/03/20	Air Quality	Albert St, Boggo Rd, Roma St, Woolloongabba	13	30/03/20	31/03/20	22/04/20	06/11/20	31/05/20

Throughout the construction activities, events and incidents are routinely investigated to determine and verify compliance with the conditions and management plans in place. For example, two thorough investigations took place in May which followed approved investigation processes and determined that the possible non-compliance events, were compliant with conditions and processes and the CEMP. This was for a night-time work event (following a complaint) at Roma Street and air quality monitoring on the RIS sites. These events were notified to the Coordinator-General, but following the investigation were withdrawn as a non- compliance event was not established.





Appendix A – RIS Monthly Report



Appendix B – TSD Monthly Report





Appendix A – RIS Monthly Report



Monthly CGCR Report – May 2020

Cross River Rail – Rail, Integration and Systems Alliance





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1 Progress Summary

1.1 Summary of Project Works

The following Project Works continued in May 2020

- Mayne Yard North
 - Settlement monitoring of localised MYN surcharge area, to verify design differential settlement assumptions, commenced 2 April 2020 and remains ongoing through to mid-June
- Northern Corridor
 - Finalisation of the Access Road in Victoria Park with Asphalting of Shared User Path and Concreting of the new driveway at Gregory Terrace
- RNA
 - Nil
- F2S
 - Nil

The following Project Works started in May 2020

- Mayne Yard North
 - Power and communications cabling disconnected from three existing lighting towers in readiness for tower demolition
 - Lighting Tower removal commenced
 - Pre-works for first two under track crossings (UTX) crossing in late May SCAS
 - Under Track Crossings at Mayne Yard North
 - Site establishment of the Ancillary Site Office at Mayne Yard North
 - Installation of Erosion and sediment controls at Mayne Yard North
- Northern Corridor
 - Northern Satellite Office facilities are completed and are occupied
 - Lighting tower removals and retaining wall demolition in Normanby has commenced as planned
 - Demolition and removal of redundant pits, services, OHLE foundations in the rail corridor is progressing as planned
- RNA
 - The RNA site establishment works have commenced on site with installation of the buildings, services and fit out. Site establishment works and dilapidation surveys have been completed as of the end of May. No further physical site works have progressed during the period
- F2S
 - No physical works on site for this period

The following Project Works are proposed in June 2020

- Mayne Yard North
 - Ground preparation enabling works ahead of bulk Earthworks and Drainage works planned to commence in July 2020
 - Removal of the three large MYN towers post May SCAS will continue in early June
 - Commence concrete works on existing Breakfast Creek bridge for the re-decking of the sidings bridge to enable construction access



- Mayne and Breakfast Creek UTX
- Mayne North OHLE portal modification.

Northern Corridor

- Commence signalisation works for Gregory Terrace intersection with Victoria Park access road
- Service location and removal of redundant Queensland Rail infrastructure to continue
- Subgrade improvement earthworks ahead of stormwater installation
- Commence stormwater installation with multiple crews, including SCAS works on Holding Road 5 and Main Exhibition Lines
- Temporary OHLE modifications to enable RC cable relocations
- Signalling correlation works
- Temporary protection of existing sewer main crossing of tracks to allow earthworks fill operations adjacent the ICB land bridge
- Relocation of Queensland Rail water main feed to the train wash facility to avoid piling works for pier protection at the ICB land bridge.

RNA

- The Stage 1 demolition and tree removal works due to commence in the June period pending the State Heritage Approval
- The Exhibition-wide relocation of the down track OHLE Return Conductor is scheduled over two SCASs in early June and early July enabling improved access to the area within the corridor.
- Lanham Street BCC yard relocation planned for June

F2S

Site establishment at Fairfield Station is Planned for Late June



1.2 Progress Photos



Figure 1 A small Acid Sulphate Soil Treatment Pad was installed on site in accordance with the Mayne Yard North ASSMP for treating material excavated from Under Track Crossings (UTX)





Figure 2 Example of one of the Dust Master Pro set up on site (Mayne Yard pictured)



2 Complaints

The below section summarises the complaints relating to the Project Works to be reported in accordance with condition 6(b)(iii) of the CGCR.

Table 1: Summary of Complaints

Date	Location	Issue	CGCR Non-Compliance	Status		
None for this reporting period						



3 Environmental Monitoring Results

The below section summarises the monitoring results to be reported in accordance condition 6(b)(i) of the CGCR.

3.1 Acoustics

Condition 11(b) of the CGCR requires that during construction, monitoring and reporting on noise and vibration in accordance with the Noise and Vibration Management Plan, a sub-plan of the Construction Environmental Management Plan occurs.

3.1.1 Noise Monitoring

Attended Noise Monitoring was conducted during Stage 3 Gregory Terrace Driveway works undertaken outside of standard working hours. The predictive noise assessment identified these works may exceed the Upper Noise Limits for out of hours works (42dBA + 20 - indoors). In accordance with the C-EMP attended outdoors monitoring was undertaken to validate the predictive assessment.

Noise monitoring because of complaints was not triggered. No complaints related to noise occurred during the reporting period.

3.1.2 Noise monitoring Results

The below table summarises the Noise Monitoring results for reporting period.

Table 3: Summary of Noise Monitoring Data	Table 3:	Summar	v of Noise	Monitoring	Data
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Location and Receiver type	Type of Monitoring	Working Hours	Noise Type	Purpose of Monitoring	Performance Criterion LA ₁₀ (dB) – external ⁽²⁾	Predictive model (LA ₁₀ external)	Measured LA ₁₀ (dB) – external	Measured LAeq (dB) – external	Was performance criterion exceeded?
449 & 451 Gregory Terrace - Residential	Attended – External ⁽¹⁾	Out of Standard Working Hours – 19:17 Friday 08/05/20	Intermittent	Model Validation	72.00	72.00	70.80	69.10	No exceedance
449 &451 Gregory Terrace - Residential	Attended – External ⁽¹⁾	Out of Standard Working Hours – 19:40 Friday 08/05/20	Intermittent	Model Validation	72.00	72.00	70.30	66.40	No exceedance

- Note (1) Monitoring Method
 - Note 2 of Imposed Condition 11 Table 2 states Where internal noise levels are unable to be measured or monitored, the typical noise reductions presented in Guideline Planning for Noise Control, Ecoaccess, DEHP, January 2017 (PFNC) apply.
 - Internal noise measurements could not be reasonably undertaken at 449 & 451 Gregory Terrace.
 451 Gregory Terrace is a complex of apartment buildings with multiple occupants.
 - The monitoring was undertaken to validate the model therefore external noise measurements are appropriate to determine the impact of construction noise.
- Note (2) Façade Attenuation
 - Note 2 of Imposed Condition 11 Table 2 states Where internal noise levels are unable to be measured or monitored, the typical noise reductions presented in Guideline Planning for Noise Control, Ecoaccess, DEHP, January 2017 (PFNC) apply.
 - The PFNC guideline can no longer be accessed. The Department of Environment and Science (DES) website still states this guideline is under review and is yet to release an alternative guideline



- Former revisions of the PFNC, in particular Table 7 stated the following regarding typical noise reductions through the building façade:
 - 5 dB Window wide open
 - 10 dB Partially closed
 - 20 dB single glazed, closed
 - 25 dB Thermal double glazing, closed
- The RfPC-4 Technical Report considered that all receptors had <u>closed</u> external single glazing for the assessment of construction noise impacts.
- The Queensland Ombudsman assessed this assumption for the Airport Link Project and recommended that 10dB be adopted for major infrastructure projects in Queensland¹.
- Additionally, a number of acoustic studies have shown that 10 dB is a suitable assumption for open windows. Most importantly this requirement only applies to temporary rail works within the project footprint and does not apply to long term operational rail noise exposure.
- Accordingly, it is considered appropriate to consider a 10 dB reduction on this basis. This
 assumption can be used for predictive modelling and for noise measurements, where indoor noise
 measurements are not practicable.

3.1.3 Vibration Monitoring

There were no vibration intensive activities during the reporting period that triggered the need to undertake noise monitoring.

Vibration monitoring because of complaints was not triggered. No complaints related to vibration occurred during the reporting period.

3.1.4 Vibration Monitoring Results

Nil for the reporting period.

3.1.5 Interpretation

3.1.5.1 Noise Monitoring

Monitoring of driveway works at Gregory Terrace was undertaken as close as possible to the nearest DAP (449 & 451 Gregory Terrace), approximately 10m from façade of building. The measured LA₁₀ and Laeq readings were compliant with the imposed conditions for works outside of standard working hours.

The RIS scope of works is achieving the outcomes set out by the CGCR and OEMP.

3.1.5.2 Vibration Monitoring

The RIS scope of works is achieving the outcomes set out by the CGCR and OEMP.

3.2 Air Quality

Condition 13(b) of the CGCR requires that during construction, monitoring and reporting on air quality in accordance with the Air Quality Management Plan, a sub-plan of the Construction Environmental Management Plan occurs.

Visual Monitoring was undertaken during routine environmental inspections. A total of twelve (12) inspections were undertaken by the environment team.

¹ https://www.ombudsman.qld.gov.au/ArticleDocuments/218/Airport_Link_Ombudsman_Statement.pdf.aspx, pages 208-210, Section 9.8.6



No issues related to air quality were identified that required corrective actions to be raised.

There were no high risk activities with regards to Air Quality during the reporting period that triggered particulate monitoring.

It is however noted that UNITY has installed the following Air Quality Monitoring devices, therefore data collected from these devices, when active, is reported on in the monthly report regardless of the Project Works occurring.

Table 4: Summary of Air Quality devices

Monitoring Device Installed by UNITY	Area	Name	Date Installed	Status for the Month of May
Dust Deposition Gauge	RNA Showgrounds	AQ-01	13 December 2019	Active
Dust Deposition Gauge	Northern Corridor (near BGGS)	AQ-02	13 December 2019	Active
Dust Deposition Gauge	Northern Corridor (near Centenary Pool)	AQ-03	13 January 2020	Active
Dust Deposition Gauge	Mayne Yard (Eastern Air Shed)	AQ-04	13 February 2020	Active
Dust Deposition Gauge	Mayne Yard (Western Air Shed)	AQ-05	13 February 2020	Active until 13 May 2020 This DDG was decommissioning on 13 May 2020 following confirmation by UNITY's CAQP this DDG was no longer required based on the results of additional Predictive Assessment
TSP / PM ₁₀ Monitor	Mayne Yard (Eastern Air Shed)	UNI324	23 April 2020	Active
TSP / PM ₁₀ Monitor	Northern Corridor (Eastern Air Shed)	UNI327	23 April 2020	Active

3.2.1 Dust results

Since passive dust deposition gauges are analysed on a monthly basis, results span from 14 April 2020 to 13 May 2020 and from 13 May 2020 to 12 June 2020.

The dust deposition gauges result for the reporting period are detailed below and complied with Condition 13(b) of the CGCR.

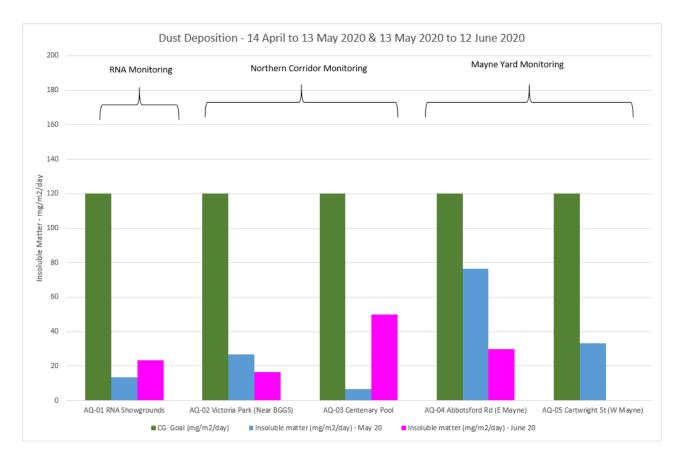
Table 5: Dust deposition gauge results for period 14 April 2020 to 13 May 2020.

CGCR Criterion (mg/m²/day)	AQ-01 Results - RNA Showgrounds (mg/m²/day)	AQ-02 Results - BGGS (mg/m²/day)	AQ-03 Centenary Pool (mg/m²/day)	AQ-04 Abbotsford Rd (E Mayne) (mg/m²/day)	AQ-05 Cartwright St (W Mayne) (mg/m²/day)
120	13.3	27	7	77	33
Total Rainfall during Period	4.4mm	4.4mm	4.4mm	10.0mm	10.0mm



Table 5: Dust deposition gauge results for period 13 May 2020 to 12 June 2020.

CGCR Criterion (mg/m²/day)	AQ-01 Results - RNA Showgrounds (mg/m²/day)	AQ-02 Results - BGGS (mg/m²/day)	AQ-03 Centenary Pool (mg/m²/day)	AQ-04 Abbotsford Rd (E Mayne) (mg/m²/day)
120	23	17	50	30
Total Rainfall during Period	4.4mm	4.4mm	4.4mm	10.0mm



3.2.2 Interpretation

Dust Deposition Results did not exceed the deposited Dust Nuisance Goal.

Visual monitoring during routine inspections during the reporting period did not identify any issues it is therefore intimated standard dust mitigation measures were effective at managing dust during the inspections.

3.2.3 Particulates results

3.2.3.1 UNITY Air Quality Monitoring Stations

Unity had two operational Air Quality monitoring stations set up for the reporting period.

External Ambient Air Quality data was collected for total suspended particles (TSP), and particulate matter less than 10 µm (PM₁₀).

 PM_{10} is one of the indicators for which the Coordinator General has imposed a goal of 50 μ g/m³ (over an averaging period of 24 hours) the project must aim to achieve under Imposed Condition 13(a).

TSP is one of the indicators for which the Coordinator General has imposed a goal of 80 μ g/m³ (over an averaging period of 24 hours) the project must aim to achieve under Imposed Condition 13(a).



These stations have been set up on site as per AS/NZS 3850 1.1 following consultation with UNITY Air Quality Professionals.

The results are represented in the below figures.



Figure 4: Air Quality Monitoring (TSP) - May 2020 Results



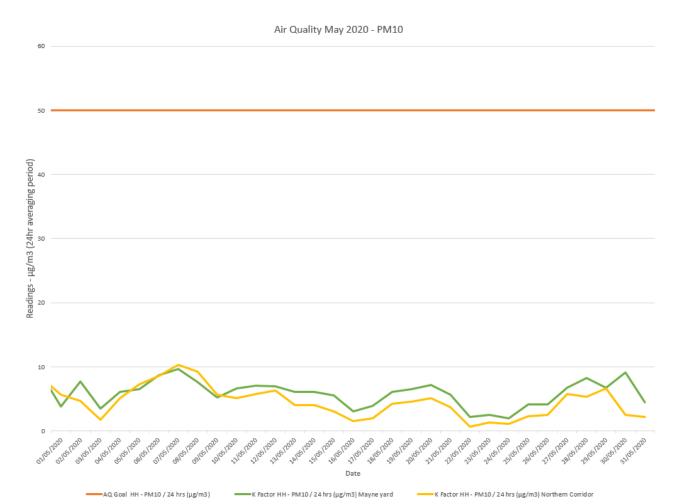


Figure 5: Air Quality Monitoring (PM10) - May 2020 Results

3.2.4 Interpretation

All particulate monitoring results were less that the relevant air quality goals the Project must aim to achieve.

The C-EMP and the AQMP recognise that particulate matter monitoring can be a lag indicator. Therefore, the monitoring regime detailed in the C-EMP consists of a combination of surveillance regimes via inspections at the time the works are occurring and particulate matter monitoring to validate the surveillance regime findings and potential complaints.

There were limited works during the month of May with minor earthworks undertaken in the Northern Corridor, erosion and sediment control installation and site establishment works undertaken at Mayne Yard North.

There were no complaints relating to dust and all site inspections confirmed that

- There was no visible dust leaving the site boundaries,
- Waters carts were on site and used for dust suppression / fill conditioning
- Stabilised egress was in place and in functioning order at each access points

The RIS scope of works therefore achieved the outcomes set out by the CGCR and OEMP.



3.3 Water Quality – Surface Water

Condition 15(a) requires that discharges of surface water and groundwater from Project Works must comply with the Brisbane River Estuary environmental values and water quality objectives (Basin no.143 – midestuary) in the Environment Protection (Water) Policy 2009.

Water Quality monitoring to demonstrate compliance with Condition 15(a) was not triggered.

There were no surface water discharges either active (e.g. dewatering through pumping, sediment basin release) or visibly passive (through temporary or permanent stormwater drainage) from site.

There were no groundwater discharges.

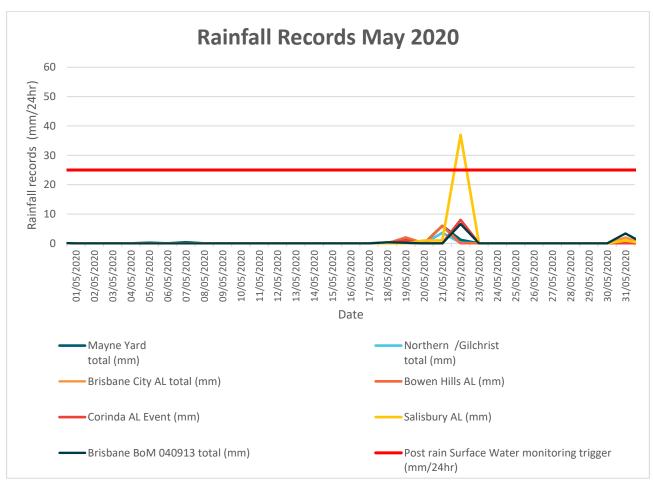
Condition 15(b) of the CGCR requires that during construction, monitoring and reporting on water quality in accordance with the Water Quality Management Plan, a sub-plan of the Construction Environmental Management Plan occurs.

During May 2020, UNITY undertook no surface water monitoring. The monthly monitoring was cancelled by the UNITY Environmental Manager due to concerns surrounding the safety of the monitoring sites. The decision was made to postpone the monitoring until additional safety measures were put in place. These issues have now been resolved and the monthly monitoring program recommenced in June 2020.

There were no post rainfall monitoring events triggered with a maximum monthly rain record of 6mm recorded at the Mayne Yard weather station.

No active work sites exist near Salisbury and as such, monitoring was not triggered as a result of the isolated 22nd May rainfall event recorded by BOM rainfall stations.

3.3.1 Rainfall Records





3.3.2 Discharge Monitoring

Nil for this reporting period.

3.3.3 C-EMP Monitoring

Nil for this reporting period. The C-EMP requires a that Surface water baseline monitoring be undertaken when

- Existing recent water quality data is not available from exisiting monitoring programs, or
- If triggered by the data analysis findingg, monthly until active civil works in the area.

The data gap analysis undertaken by UNITY's SQPs identified that surface water monitoring was required to be undertaken for three months to address:

- Gaps in recent monitoring at Breakfast Creek
- Lack of recent water quality data at York's Hollow, Moolabin creek, Rocky Water Holes Creek and Stable Swamp Creek.

This baseline monitoring was undertaken between December 2019 and Febraury 2020, the results of which have been presented in previous instances of the monthly report.

UNITY has however continued to collect baseline data as this may inform UNITY ISCA rating submission for Dis-1 Credit.

3.3.4 Interpretation

Nil for this reporting period.

3.3.5 Interpretation

The RIS scope of works is achieving the outcomes set out by the CGCR and OEMP.



4 Compliance Review

4.1 Non-Compliance Events

The below section summarises the events to be reported in accordance with condition 5 and condition 6(b)(ii) of the CGCR.

A Non-Compliance Event is defined as Project Works that do not comply with the Imposed Conditions.

4.1.1 Non - Compliance Events Summary

Table 2: Summary of Non-Compliance Events

Event Title	Location, Date and time of event	Date the Event was Formally Notified to CG/IEM		Date the Event Report Formally Sent to CG/IEM	Status of Event		
None for	None for this reporting period						

4.2 C-EMP Compliance

The below table summarise compliance status with the C-EMP and relevant Subplans monitoring requirements for the reporting period.

Table 3: C-EMP and relevant Subplans monitoring requirements – Compliance Status for the reporting period

Aspect Air Quality	Visual monitoring program + Additional particulate monitoring as required based on the outcomes of the predictive assessment / risk profile	Activities Risk profile	Monitoring undertaken Yes – visual monitoring undertaken as part of routine inspections Additional monitoring for TSP, PM10 and Deposited Dust also undertaken	Compliance status with C- EMP / CEMP Subplan Compliant	Effect of the non- compliance Not Applicable
			despite not required for low risk activities		
Noise	Buffer Distance Tests based on the outcomes of the predictive assessment based / risk profile of activities	Medium	Yes	Compliant	Not Applicable
Noise	Plant Noise Audits for Noisy Plant to validate models input as required	Low	Not required	Compliant	Not Applicable
Noise	Complaints response	-	Not triggered – no complaints	Compliant	Not Applicable
Vibration	Buffer Distance Tests based on the outcomes of the predictive assessment based / risk profile of activities	Low	Not required	Compliant	Not Applicable
Vibration	Complaints response	-	Not triggered – no complaints	Compliant	Not Applicable
Water Quality	Monthly monitoring	Low	No - refer section 3.3.3	Compliant	Not Applicable
Water Quality	Post Rainfall	-	Not triggered -rainfall did not exceed the 20-25mm / 24 hr threshold	Compliant	Not Applicable

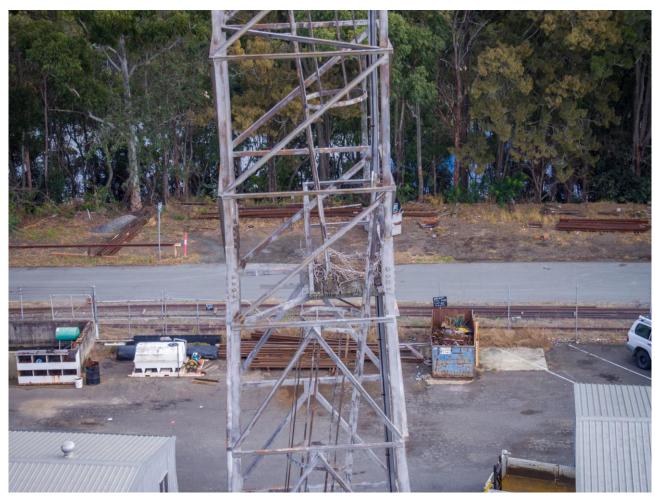


Aspect	Monitoring requirement	Activities Risk profile	Monitoring undertaken	Compliance status with C- EMP / CEMP Subplan	Effect of the non-compliance
Water Quality	Dewatering	-	Not triggered – no dewatering to receiving water systems	Compliant	Not Applicable



5 Good News Stories

- No Non-Compliance events occurred during the reporting period.
- There were no complaints received associated with the Project Works. This is the sixth month in a row.
- Unity undertook pre-demolition fauna surveys for the three lighting towers using a drone with a high-definition camera to view nests, removing the risks associated with working at heights. The fauna spotter catcher was on site at the time of inspection and was able to determine the nests were no longer in use and cleared the towers for demolition.





Attachment 1 CGCR Non-Compliance Event Report (if required)

None for this reporting period.



Attachment 2 Monitoring Locations – Noise







(when printed A3)

LEGEND

CRR RIS Landmarks

Noise Monitoring



Attended External



DCBD_10May20

Rail

├── Rail Network Rail_network

Data Sources DES Qld Government UNITY Alliance Google Satellite Imagery

CROSS RIVER RAIL Noise Monitoring Locations

Figure 01

May 2020

Project ID: Q01080 Created By: KG Last Modified: 19-June-20 Version: 00



Attachment 3 Monitoring Locations – Vibration

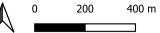
Not applicable for the reporting period



Attachment 4 Monitoring Locations – Air Quality







(when printed A3)

LEGEND

Air Quality Monitoring

DDG

PM10 & DDG

TSP & PM10

DCBD_10May20

Rail

Stations Railway_stations_and_sid

├── Rail Network Rail_network

Data Sources DES Qld Government UNITY Alliance Google Satellite Imagery

CROSS RIVER RAIL Air Quality Monitoring Locations

Figure 01

May 2020

Project ID: Q01080 Created By: KG Last Modified: 19-June-20 Version:



Attachment 5 Monitoring Locations – Surface Water

None for the reporting period

Appendix B – TSD Monthly Report





COORDINATOR GENERAL MONTHLY REPORT: MAY 2020

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

1. Monthly Monitoring Summary

It is the project'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 thirty (30) occasions, and noise monitoring was conducted on fifty-seven (57) occasions during May 2020. Each vibration and noise monitoring event confirmed works adhered to project requirements.

Ambient air quality monitoring was conducted at the Roma Street, Albert St, Woolloongabba and Boggo Rd precinct sites during May 2020. Air quality monitoring confirmed works adhered to project requirements.

One (1) round of surface water quality monitoring was also conducted that confirmed no project impacts.







CG Monthly Report – Compliance Assessment Against Imposed Conditions 2.

Whilst not a requirement of Imposed Condition 6, CBGU offers the below Compliance Status Table as a good-will 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.	General conditions – compliance with the Project Changes relevant to the Contractor's scope	Yes	Project works have been conducted compliant with the Imposed Conditions.
2.	Outline Environmental Management Plan – timely submission to the Coordinator-General including required sub plans	N/A	The OEMP is not an obligation of the CBGU Joint Venture.
3.	Design - the achievement of the Environmental Design Requirements	Yes	Design and implementation proceeded in accordance with the Environmental Design Requirements.
4.	Construction Environmental Management Plan – all relating to Relevant Project Works	Yes	CEMP (Rev 3) was endorsed by the Environmental Monitor in January 2020 and continues to manage Relevant Project Work.
5.	Compliance and Incident management - Non-compliance events, notifications and reporting	Yes	Nil non-compliances occurred during the monitoring period (refer to Section 4).
6.	Reporting – Monthly and Annual reporting	Yes	All reporting requirements are completed in accordance with Imposed Condition 6.
7.	Environmental Monitor - 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.	Community Relations Monitor - 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.	Community engagement plan - developed and endorsed by Environmental Monitor	Yes	A CEP has been developed and implemented in accordance with Imposed Condition 9.
10.	Hours of work – works undertaken during approved hours	Yes	Project works have been conducted in accordance with the approved hours of work.
11.	Noise – Work must aim to achieve internal noise goals for human health and well-being	Yes	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 provided within Section 3.2. Vibration - Works must aim to achieve vibration goals for Project work has aimed to achieve vibration goals for cosmetic damage, cosmetic damage, human comfort and sensitive building human comfort and sensitive buildings. Vibration monitoring data Yes contents. provided within Section 3.1. The management of potential impacts relating to property damage have **Property damage** relating to ground movement 12. Yes been completed in accordance with Imposed Condition 12. **Air quality** - Works must aim to achieve air quality goals Project works have aimed to achieve air quality goals. Air quality 13. Yes for human health and nuisance. monitoring data provided within Section 3.3. Traffic and transport - Works must minimise adverse Project works have been conducted in a manner that has minimised 14. Yes impacts on road safety and traffic flow. adverse impacts on road safety and traffic flow. Water quality - Works must not discharge surface water The project possesses processes that ensure water quality is managed in 15. and groundwater from the construction site above the accordance with Imposed Condition 15. Yes relevant environmental values and water quality objectives. Water resources – evaluate potential impact, plan works, Project works are managed in accordance with Imposed Condition 16. 16. implement controls and monitor inflow of groundwater Yes associated with drawdown Surface water - Must be designed to avoid inundation Design of the Project considers the requirements of Imposed Condition 17. from stormwater due to a 2-year (6hr) ARI rainfall event 17. and flood waters due to a 5-year ARI rainfall event and Yes constructed to avoid afflux or cause the redirection of uncontrolled surface water flows, including stormwater flows, outside of worksites. **Erosion and sediment control** - Provisions for erosion and The project possesses processes that ensure erosion & sediment control is 18. sediment control must be consistent with the Guidelines managed in accordance with Imposed Condition 18. for Best Practice Erosion and Sediment Control Yes (International Erosion Control Association, 2008) and the Department of Transport and Main Roads' Technical Standard MRTS52. Acid sulfate soils managed as per the Queensland Acid The project possesses processes that ensure erosion & sediment control is 19. Yes Sulfate Soil Technical Manual. managed in accordance with Imposed Condition 19. **Landscape and open space** – general requirement to Project works are designed and implemented in accordance with 20. minimise impacts on landscapes and open space values Condition 20. Yes and specific requirements around Victoria park









21	Worksite rehabilitation – worksites rehabilitated as soon		Project works are designed and implemented in accordance with
21.	as practicable upon completion of works or	Yes	Condition 20.
	commissioning, and in consultation with Brisbane City	res	
	Council.		



1. **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 Change Report – Whole of Project Refinements 2019 acknowledges instances exist that these goals may not be achieved.

Thirty (30) vibration monitoring sessions were conducted during May 2020.

All vibration monitoring adhered to project requirements and is detailed in the table below.

Table 2: Vibration Monitoring Data

Start Date	Time (AM/PM)	Finish Date	Location (Street Name) (Construction Precinct)	Average Vibration levels (mm/s)	Max Vibration Level (mm/s)	Vibration Goal (mm/s)	Receiver Type	Adhered to Project Requirements (Yes / No)
1/05/2020	8:51 AM	2/05/2020	Mary Street (Albert Street Precinct)	0.2	2.49	20	Residential	Yes
6/05/2020	10:34 AM	7/05/2020	Albert Street (Albert Street Precinct)	0.33	5.62	20	Residential	Yes
6/05/2020	12:35 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.52	20	Residential	Yes
6/05/2020	12:35 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.11	20	Residential	Yes
6/05/2020	12:36 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.14	20	Residential	Yes









							CONTRACTORS	CBGU D&C JV
6/05/2020	12:37 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.98	20	Residential	Yes
6/05/2020	12:39 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.2	20	Residential	Yes
6/05/2020	12:40 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	1.04	20	Residential	Yes
6/05/2020	12:41 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	1.52	20	Residential	Yes
6/05/2020	12:42 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.17	20	Residential	Yes
6/05/2020	12:43 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.1	20	Residential	Yes
6/05/2020	12:44 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	0.51	20	Residential	Yes
6/05/2020	12:45 PM	6/05/2020	Albert Street (Albert Street Precinct)	NA*	1.3	20	Residential	Yes
6/05/2020	3:04 PM	12/05/2020	Vulture Street (Woolloongabba Precinct)	0.113	0.31	20	Residential	Yes
7/05/2020	5:04 PM	11/05/2020	Albert Street (Albert Street Precinct)	0.1	1.17	20	Residential	Yes
7/05/2020	3:54 PM	11/05/2020	Albert Street (Albert Street Precinct)	0.15	4.21	20	Residential	Yes
11/05/2020	8:32 AM	11/05/2020	Mary Street (Albert Street Precinct)	0.59	3.99	20	Residential	Yes









							CONTRACTORS	CBGU D&C JV
11/05/2020	2:13 PM	14/05/2020	Mary Street (Albert Street Precinct)	0.26	2.14	20	Residential	Yes
11/05/2020	2:48 PM	14/05/2020	Albert Street (Albert Street Precinct)	0.12	0.62	20	Residential	Yes
13/05/2020	10:54 AM	13/05/2020	Roma Street (Roma Street Precinct)	0.71	2.1	50	Court	Yes
14/05/2020	9:14 AM	14/05/2020	Roma Street (Roma Street Precinct)	0.5	1.87	50	Court	Yes
15/05/2020	12:46 PM	18/05/2020	Mary Street (Albert Street Precinct)	0.08	0.27	50	Commercial	Yes
15/05/2020	12:59 PM	18/05/2020	Joe Baker Street (Boggo Road Precinct)	0.09	0.22	50	Commercial	Yes
15/05/2020	2:02 PM	19/05/2020	Inner Northern Busway (Roma Street Precinct)	0.1	0.52	50	Commercial	Yes
18/05/2020	2:45 PM	18/05/2020	Joe Baker Street (Boggo Road Precinct)	1.2	3.05	50	Commercial	Yes
19/05/2020	10:57 AM	19/05/2020	Joe Baker Street (Boggo Road Precinct)	1.41	1.97	50	Commercial	Yes
22/05/2020	12:21 PM	25/05/2020	Joe Baker Street (Boggo Road Precinct)	0.45	0.12	50	Commercial	Yes
22/05/2020	9:28 AM	26/05/2020	QR Platform 3 (Roma Street Precinct)	0.082	0.16	2	Heritage Structure	Yes
26/05/2020	8:39 AM	27/05/2020	Mary Street (Albert Street Precinct)	0.33	4.42	50	Commercial	Yes









26/05/2020	2:15 PM	29/05/2020	QR Platform 3 (Roma Street Precinct)	0.083	0.23	2	Heritage Structure	Yes
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^{*} Attended monitoring performed





3.2 Noise

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

The Coordinator-General Change Report – Whole of Project Refinements 2019 acknowledges instances exist that these goals may not be achieved.

Noise monitoring was conducted on fifty-seven (57) occasions during May 2020.

All noise monitoring data adhered to project requirements and is provided in the table below.

Table 3: Noise Monitoring Data

Date	Time (AM / PM)	Location (Street Name) (Construction Precinct)	Purpose of Monitoring	Internal or External ^[3] Monitoring	Activity	Noise Goal LA10 ^[1]	Noise level LA10 ^[1]	Noise Goal LAeq ^[2]	Noise level LAeq ^[2]	Adhered to Project Require- ments (Yes / No)
5/05/2020	9:42:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	62	72.4	52	74.4	Yes ^[4]
5/05/2020	10:02:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	54	70.8	44	70.7	Yes ^[4]
5/05/2020	10:24:00 PM	George Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	59	67.5	49	63.4	Yes
6/05/2020	12:00:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Construction Stage 3	72	73.2	62	70.5	Yes









Construction Mary Street 12:19:00 Construction 6/05/2020 Monitoring at External 72 70.4 62 70 Yes PM (Albert Street Precinct) Stage 3 **Sensitive Places** Stage 2 Construction 8:39:00 Herschel Street Demolition and 72 71.8 7/05/2020 Monitoring at External 62 68.9 Yes AM (Roma Street Precinct) Tunnel **Sensitive Places** Construction Stage 2 Construction 9:01:00 Roma Street Demolition and 7/05/2020 Monitoring at 72 83 62 79.6 Yes External AM (Roma Street Precinct) Tunnel Sensitive Places Construction Stage 2 Construction 5:29:00 Albert Street Demolition and 7/05/2020 External 67 70.3 57 68.1 Yes Monitoring at PM (Albert Street Precinct) Tunnel Sensitive Places Construction Stage 2 Construction 7:11:00 Albert Street Demolition and 7/05/2020 External 67 62.6 57 63.6 Yes Monitoring at PM (Albert Street Precinct) Tunnel Sensitive Places Construction Site **Vulture Street** 8:31:00 Establishment 7/05/2020 (Woolloongabba **Background Data** External 62 72 52 67.9 Yes PM and Soil Precinct) Anchoring Stage 2 Construction 12:48:00 Albert Street Demolition and 8/05/2020 Monitoring at External 72 77.9 62 72.6 Yes PM (Albert Street Precinct) Tunnel Sensitive Places Construction Stage 2 Construction Herschel Street Demolition and 12:13:00 8/05/2020 Monitoring at Internal 55 51.7 45 48.3 Yes (Roma Street Precinct) PM Tunnel Sensitive Places Construction









8/05/2020	1:06:00 PM	Herschel Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	55	51.4	45	48.2	Yes
8/05/2020	1:27:00 PM	Herschel Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	55	53.7	45	51	Yes
8/05/2020	1:06:00 PM	Herschel Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	55	51.4	45	48.2	Yes
13/05/2020	11:01:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	85.7	62	81.5	Yes
13/05/2020	11:22:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	60	57.4	50	54.8	Yes
13/05/2020	12:10:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	60	72.2	50	68.1	Yes
13/05/2020	3:06:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	Internal	Stage 2 Demolition and Tunnel Construction	60	57.2	50	55.3	Yes
14/05/2020	11:21:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and	67	80.4	57	76.6	Yes









					Tunnel Construction					
14/05/2020	7:30:00 PM	Parkland Boulevard (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	62	61.9	52	59.5	Yes
14/05/2020	7:50:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	62	72.3	52	69.4	Yes
14/05/2020	8:25:00 PM	Parkland Boulevard (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	62	53	52	51	Yes
14/05/2020	8:49:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	62	70.1	52	67.1	Yes
14/05/2020	12:07:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	64.6	62	61.6	Yes
14/05/2020	9:16:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	85.1	62	80.7	Yes
14/05/2020	1:27:00 PM	Vulture Street (Woolloongabba Precinct)	Construction Monitoring at Sensitive Places	External	Site Establishment and Soil Anchoring	67	72	57	68.9	Yes









14/05/2020	6:39:00 PM	Vulture Street (Woolloongabba Precinct)	Construction Monitoring at Sensitive Places	External	Site Establishment and Soil Anchoring	56	70.8	52	68	Yes
18/05/2020	11:30:00 AM	Joe Baker Street (Boggo Road Precinct)	Model Verification	External	Site Establishment and Piling	77	81.3	67	76	Yes
18/05/2020	11:45:00 AM	Joe Baker Street (Boggo Road Precinct)	Model Verification	External	Site Establishment and Piling	77	81.2	67	76.3	Yes
18/05/2020	12:15:00 PM	Joe Baker Street (Boggo Road Precinct)	Model Verification	External	Site Establishment and Piling	77	80.5	67	76.7	Yes
19/05/2020	9:10:00 AM	Albert Street (Albert Street Precinct)	Model Verification	External	Stage 2 Demolition and Tunnel Construction	72	79	62	76	Yes
19/05/2020	9:52:00 AM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	75.9	62	73.8	Yes
19/05/2020	11:59:00 AM	Albert Street (Albert Street Precinct)	Model Verification	External	Stage 2 Demolition and Tunnel Construction	72	75.2	62	72.5	Yes
19/05/2020	11:50:00 AM	Joe Baker Street (Boggo Road Precinct)	Model Verification	External	Site Establishment and Piling	77	88.8	67	85.6	Yes









Site **Vulture Street** Construction 4:57:00 Establishment 19/05/2020 (Woolloongabba Monitoring at 67 72.7 57 69.4 Yes External PM and Soil Precinct) Sensitive Places Anchoring Stage 2 11:07:00 Albert Street Demolition and 20/05/2020 Model Verification External 72 71.9 62 70 Yes AM (Albert Street Precinct) Tunnel Construction Stage 2 Construction 9:06:00 Herschel Street Demolition and 20/05/2020 58.2 50 55.3 Monitoring at External 60 Yes AM (Roma Street Precinct) Tunnel **Sensitive Places** Construction Stage 2 Construction 9:30:00 Herschel Street Demolition and 70.7 20/05/2020 Monitoring at External 72 62 67.7 Yes Tunnel AM (Roma Street Precinct) Sensitive Places Construction Stage 2 Construction 9:59:00 Roma Street Demolition and 20/05/2020 Monitoring at External 67 70.7 57 67.6 Yes AM (Roma Street Precinct) Tunnel Sensitive Places Construction Stage 2 Construction 10:34:00 Roma Street Demolition and 20/05/2020 External 72 72.8 62 69.6 Yes Monitoring at AM (Roma Street Precinct) Tunnel Sensitive Places Construction Site Vulture Street 12:53:00 Establishment 22/05/2020 (Woolloongabba Model Verification External 67 63.2 57 61.5 Yes PM and Soil Precinct) Anchoring

External

Site

Establishment

57

57.2

47

6:34:00

PM

22/05/2020

Anglesev St

(Woolloongabba

Precinct)

Construction

Monitoring at

Sensitive Places

Yes

63









					and Soil Anchoring					
22/05/2020	6:55:00 PM	Anglesey St (Woolloongabba Precinct)	Construction Monitoring at Sensitive Places	External	Site Establishment and Soil Anchoring	57	60.6	47	59.4	Yes
25/05/2020	7:15:00 PM	Vulture Street (Woolloongabba Precinct)	Construction Monitoring at Sensitive Places	External	Site Establishment and Soil Anchoring	62	72	52	68	Yes
26/05/2020	9:15:00 AM	Mary Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	81	62	78.1	Yes
27/05/2020	10:39:00 AM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	82.5	62	77.4	Yes
27/05/2020	2:18:00 PM	Herschel Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	68.9	62	66.1	Yes
27/05/2020	2:38:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	67	74.7	57	71.4	Yes
27/05/2020	2:58:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	79.6	62	77.2	Yes









								100000		
28/05/2020	5:53:00 PM	Mary Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	50	52.2	40	50.5	Yes
28/05/2020	7:14:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	67	69	57	67.2	Yes
28/05/2020	7:31:00 PM	Albert Street (Albert Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	67	69.1	57	67	Yes
28/05/2020	12:16:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	74.5	62	72.4	Yes
28/05/2020	3:21:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	60	64.2	50	61.8	Yes
28/05/2020	3:41:00 PM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	67	76.4	57	72.7	Yes
29/05/2020	11:59:00 AM	Roma Street (Roma Street Precinct)	Construction Monitoring at Sensitive Places	External	Stage 2 Demolition and Tunnel Construction	72	84.5	62	77.7	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.

- [4] Immediately upon attended monitoring being performed, the construction methods were amended and the works then ceased to ensure compliance. These monitoring results have been included to demonstrate monitoring occurred to review works, however they were then ceased.

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 Change Report – Whole of Project Refinements 2019 acknowledges instances exist that these goals may not be achieved.

Dust deposition monitoring for was performed during May 2020.

The dust deposition gauges result for the reporting period are detailed below, and all monitoring data adhered to project requirements.

Table 4: Air Quality Monitoring - Deposited Dust Data

	Project Wide Air Quality Criteria & Goals ^[1]					
Location	Criterion	Air Quality Indicator	Goal	Monitoring results	Comments	
Roma Street Precinct/ Northern Portal				10.0 mg/m2/day		
Albert Street Precinct				20.0 mg/m2/day	Air quality monitoring was performed during	
Woolloongabba Precinct	Nuisance	Deposited dust	120 mg/m2/day	mg/m2/day 40.0 mg/m2/day the reporting	the reporting period. All results adhered to project requirements.	
Boggo Road Precinct/ Southern Portal				23.3 mg/m2/day 50.0 mg/m2/day		

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





3.3.2 Particulates and Ambient Air Quality Results

Total Suspended Particules (TSP) and particulate matter less than 10 μ m (PM10) monitoring was conducted during the month is accordance with imposed Condition 13.

TSP and PM10 is monitored using mobile air quality units as well as nearby Government air quality stations. Targeted monitoring of potential dust generating activities is conducted by the mobile air quality units, and was completed at the Woolloongabba and Roma Street Precincts during May 2020. Three (3) Government air quality stations near to the Construction Precincts are also utilised. All monitoring data confirmed TSP and PM10 monitoring data adhered to project requirements and is provided in the table below.

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

Woolloongabba Precinct					Roma Street Precinct					
Date	TSP GOAL	TSP	PM10 GOAL	PM10	Date	TSP GOAL	TSP	PM10 GOAL	PM10	
	(μg/m3/24 hr)	(μg/m3/24 hr)	(μg/m3/24 hr)	(μg/m3/24 hr)		(μg/m3/24 hr)	(μg/m3/24 hr)	(μg/m3/24 hr)	(μg/m3/24 hr)	
1-May-20	80	7.6	50	7.4	15-May-20	80	36.9	50	32.3	
2-May-20	80	5.3	50	5.1	16-May-20	80	8.98	50	8.09	
3-May-20	80	4.3	50	4.2	17-May-20	80	4.32	50	4.28	
4-May-20	80	6.4	50	6.3	18-May-20	80	4.06	50	4.01	
5-May-20	80	8.3	50	8.2	19-May-20	80	6.07	50	5.9	
6-May-20	80	7	50	6.9	20-May-20	80	10.75	50	10.52	
7-May-20	80	8.9	50	8.9	21-May-20	80	12.22	50	12.02	
8-May-20	80	13.1	50	13.1	22-May-20	80	3.75	50	3.51	
9-May-20	80	10.6	50	10.6	23-May-20	80	3.51	50	3.4	
10-May-20	80	7.5	50	5.2	24-May-20	80	6	50	5.82	
11-May-20	80	5.4	50	5.2	25-May-20	80	11.36	50	11.07	
12-May-20	80	6.3	50	6.3	26-May-20	80	17.23	50	16.99	
13-May-20	80	7.5	50	7.4	27-May-20	80	24.52	50	24.04	
14-May-20	80	13.8	50	13.7	28-May-20	80	18.46	50	18.16	
15-May-20	80	7.7	50	7.6	29-May-20	80	15.98	50	15.66	
16-May-20	80	3.1	50	3.1	30-May-20	80	8.73	50	8.61	



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CBGU D&C JV

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	-	-	-	-
17-May-20	80	3.5	50	3.5
18-May-20	80	3.6	50	3.6
19-May-20	80	5.2	50	5.1
20-May-20	80	8.3	50	8.2
21-May-20	80	9.1	50	8.2
22-May-20	80	2.8	50	2.7
23-May-20	80	3.1	50	3
24-May-20	80	3.2	50	3.1
25-May-20	80	3.2	50	3.1
26-May-20	80	14.5	50	14.3
27-May-20	80	10.8	50	10.8
28-May-20	80	14.9	50	14.8

CBGU also utilises air quality results for PM10 from nearby Government air quality stations. The results during this reporting period were as follows:

31-May-20

80

- Brisbane CBD: PM₁₀ daily Maximum average: 20.0 μg/m³ (https://apps.des.qld.gov.au/air-quality/chart/?station=cbd¶meter=18&date=1/05/2020&timeframe=month)
- South Brisbane: PM_{10} daily Maximum average: **31.1** μ g/m³ (https://apps.des.qld.gov.au/air-quality/chart/?station=sbr¶meter=18&date=1/05/2020&timeframe=month)
- Woolloongabba: PM₁₀ daily Maximum average: **23.8 μg/m³** (https://apps.des.qld.gov.au/air-quality/chart/?station=woo¶meter=18&date=1/04/2020&timeframe=month)

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

There were no exceedances of the PM10 daily criterion recorded at the air quality stations for which the Brisbane CBD, Woolloongabba and Boggo Rd worksites operate near to.









Particle PM10 at Brisbane CBD, 1-31 May 2020 @about Particle PM10

Brisbane CBD station overview

The guideline for Particle PM₁₀ is 50μg/m³ (24hr avg).

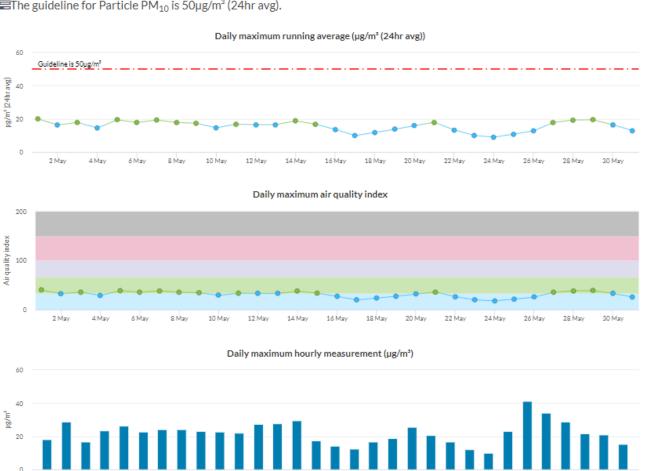


Figure 1: Brisbane CBD – DES Station - PM10 graph for May 2020 (reproduction from the DES website accessed June 2020)









Particle PM10 at South Brisbane, 1-31 May 2020 @ about Particle PM10



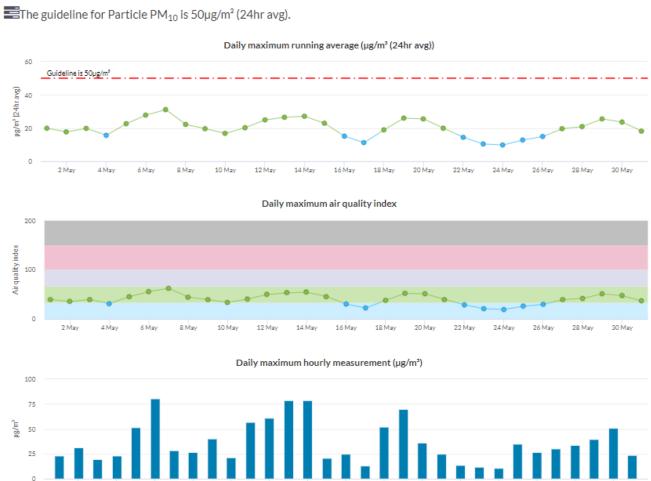


Figure 2: South Brisbane – DES Station - PM10 graph for May 2020 (reproduction from the DES website accessed June 2020)



Particle PM10 at Woolloongabba, 1-31 May 2020 @about Particle PM10



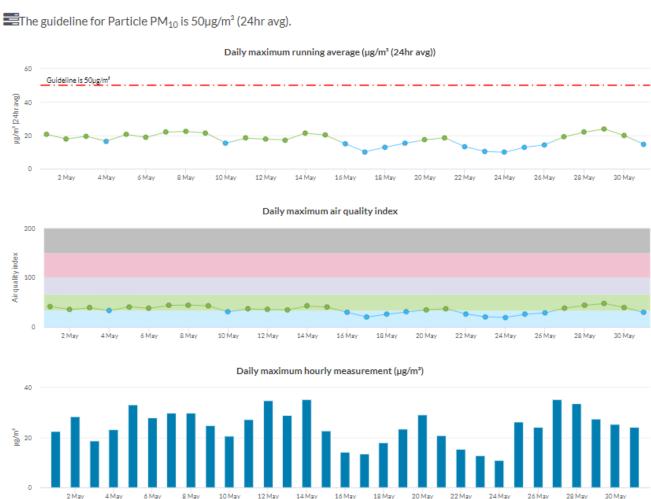


Figure 3: Woolloongabba – DES Station - PM10 graph for May 2020 (reproduction from the DES website accessed June 2020)











3.4 Water Quality – Discharge

No water was discharged from the Project during May 2020. Therefore, water quality monitoring required by Condition 15(a) was not triggered.

3.5 Water Quality – Surface Water

During May 2020, CBGU JV undertook one (1) round of surface water sampling at five (5) locations (upstream and downstream).

The monitoring locations are representative of the broader catchment. The Project would not have influenced upon the receiving water as no offsite discharge occurred during the month or at the time of monitoring.

Table 6: Offsite Upstream & Downstream Water Quality Data

Location	Date	Purpose of Monitoring	Turbidity (NTU)	Suspended solids (mg/L)	EC (μS/cm)	Dissolved oxygen (%)	рН	Adhered to Project Requirements (Yes / No)
Roma Street - Upstream	15/05/2020	Monthly	14.52	16	>3999	91.98	7.56	Yes
Roma Street - Downstream	15/05/2020	Monthly	14.76	16	>3999	90.77	7.59	Yes
Gabba - Upstream	15/05/2020	Monthly	19.84	16	>3999	91.98	7.84	Yes
Gabba - Downstream	15/05/2020	Monthly	19.67	15	>3999	94.4	7.83	Yes
Boggo Road*	15/05/2020	Monthly	5.92	5	>3999	21.79	7.05	Yes
Albert Street - Upstream	15/05/2020	Monthly	14.07	10	>3999	86.74	7.51	Yes
Albert Street - Downstream	15/05/2020	Monthly	11.31	20	>3999	89.64	7.51	Yes

^{*} Monitoring at the Boggo Rd site occurs at a pipe outlet at the beginning of the surface catchment. There is no upstream/downstream monitoring point as such. The pipe outlet receives water released from the site, as well as 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 7: Non-Compliance Events

	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			
1	Nil for this reporting period								

THE FOR THIS PERFORM

5 Complaints

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

Table 8: Summary of Complaints

No.	Date	Location	Description of Issue	Responses	Status of Event
1	01/05/2020 Albert Street (Albert Street Precinct)		Noise and dust	A stakeholder called the project hotline regarding noise and dust from the Albert Street construction works. The stakeholder was advised that monitoring confirmed works adhered to project noise requirements and dust levels are within allowable air quality goals.	Closed
2	01/05/2020	Mary Street (Albert Street Precinct) Workforce parking		A stakeholder called the project hotline regarding a truck regularly parking in the loading zone in front of the building. The stakeholder was advised that the message would be	Closed









CBGU D&C JV communicated to the broader project team via a project toolbox talk. A stakeholder called the project hotline regarding the Roma Street day and night works. The stakeholder disconnected the call and did not provide details of the type of noise, location of Herschel Street work or contact details for follow up. 3 05/05/2020 Closed Noise (Roma Street Precinct) The works were conducted in accordance with project requirements and attended noise monitoring confirmed that works adhered to project requirements. A stakeholder called the project hotline regarding noise from project trucks on Vulture Street. All Woolloongabba personnel **Vulture Street** 7/05/2020 Truck movement noise Closed were reminded to be mindful of traffic behaviour within (Woolloongabba Precinct) residential areas. A stakeholder emailed the project and called the project hotline regarding the Roma Street Coach Ramp demolition works continuing past 8:00 PM. The stakeholder was advised that due to unforeseen safety reasons, the demolition work was required to continue to **Parkland** ensure the site was left in a safe state at the completion of the 5 13/05/2020 Night work Closed work shift. The demolition works finished at 8.45 PM. (Roma Street Precinct) CBGU assured the complainant the works were conducted in accordance with project requirements and attended noise monitoring confirmed that works adhered to noise requirements. Project personnel were reminded to be mindful of sequencing their works and the generation of noise. A stakeholder called the project hotline and emailed the project regarding Albert Street Precinct works continuing past Albert Street 6 14/05/2020 Night work 6:30 PM. Closed (Albert Street Precinct) The stakeholder was informed of the project's approved working hours and the planned construction works. The









stakeholder was also advised that they would be specifically included on the project notification distribution list (beyond general notifications that are already distributed). The works were conducted in accordance with project requirements and attended noise monitoring confirmed that works adhered to noise requirements. A stakeholder called the project hotline regarding construction noise from the Roma Street precinct The stakeholder was provided with an overview of Roma Street Herschel Street 7 works, the project's approved work hours and reasons why 16/05/2020 Closed Noise (Roma Street Precinct) some work has to occur outside of these hours. Attended noise monitoring confirmed that works adhered to project requirements. A stakeholder called the project hotline regarding dust at the Woolloongabba precinct. The stakeholder was advised about the air quality monitoring **Anglesey Street** 8 performed near the property and the dust mitigation measures 19/05/2020 Dust Closed (Woolloongabba Precinct) used on-site. Air quality monitoring confirmed that works adhered to project requirements. A stakeholder called the project hotline regarding dust at Albert Street. Albert Street 9 28/05/20 Closed Dust The stakeholder was informed about the dust mitigation (Albert Street Precinct) measures used on-site. Air quality monitoring confirmed that works adhered to project requirements.

Appendix C – Non-Compliance Event Reports

No Non-Compliance Events were raised in May.



