

Cross River Rail Project

Monthly Environmental Report

March 2020



Executive Summary

This monthly report has been produced for Project Works undertaken on site for March 2020 for the Rail, Integration and Systems (RIS), and Tunnel, Stations and Development (TSD) packages. This monthly report addresses the obligations outlined in the Coordinator-General's change report – condition change (hours of works) 2019 (CGCR, October 2019) and the Project's Outline Environmental Management Plan.

The Construction Environmental Management Plans (CEMPs) prepared for the Relevant Project Works being delivered by both Unity Alliance (RIS Contractor) and CBGU JV (TSD Contractor) were endorsed by the Environmental Monitor (EM) and submitted to the Coordinator General in accordance with Condition 4 (a) and 4 (b) respectively.

The following Project Works were undertaken in March 2020 –

Mayne Area -

- Surcharge works in a small area of Mayne Yard North using suitable material from the Northern Corridor; and
- Demolition and removal of redundant infrastructure such as fences, pits, service, OHLE foundations and asbestos drainage culverts completed.

Northern Area -

- Widening of existing access road in Victoria Park and installation of relocated shared user path;
- Northern Satellite Office facilities were installed and services provided as planned; and
- Enabling works within the Northern Corridor (removal of unsuitable material).

Central Area -

- Continued site establishment and clearance, fencing and utility works across the central section;
- Piling preparation and piling across the sites;
- Shaft Excavation (Roma Street, Woolloongabba and Albert Street);
- Footbridge demolished and continued demolition works at Roma Street; and
- Continued demolition of Lot 1 on Albert Street.

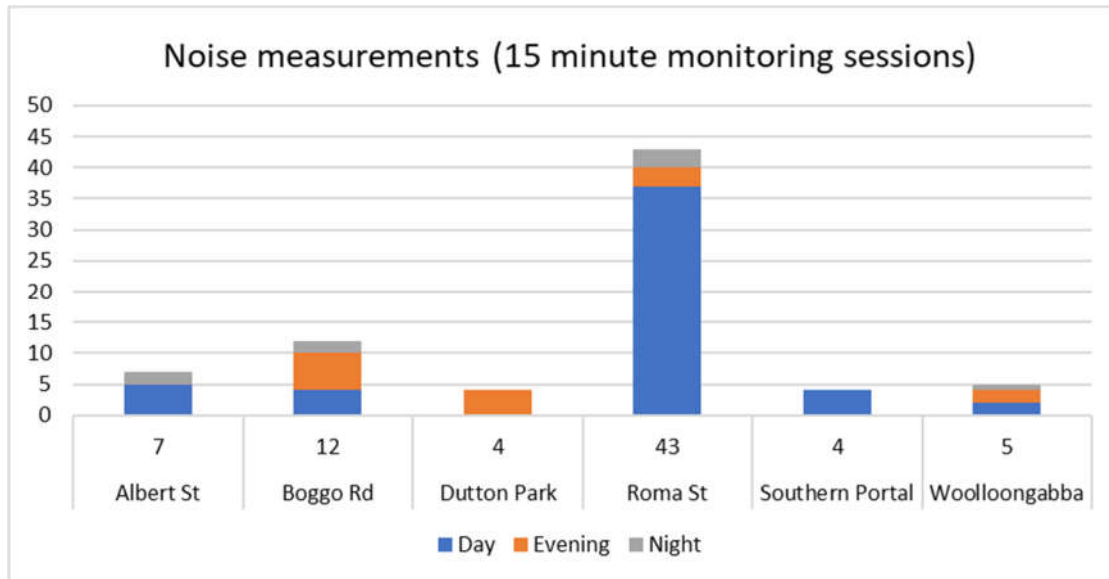
Southern Area -

- Installation of 15 OHLE foundations at Fairfield Station (9) and Yeronga station (6).

Key applicable environmental elements

Noise –

Noise monitoring was undertaken at the Albert Street, Boggo Road, Roma Street and Woolloongabba precincts as well as Dutton Park Station on seventy-one (71) occasions throughout the month, as summarised in the graph below and detailed in the appendices. The contractors indicate the project requirements were met on all occasions.



Vibration –

Vibration monitoring was conducted on eleven (11) occasions across the Albert Street, Boggo Road, Roma street and Woolloongabba precincts for the TSD works. The contractor confirmed the results indicated project requirements were adhered to.

Air Quality –

Dust deposition

Dust deposition monitoring was conducted at five (5) locations across the Northern area. Two (2) passive dust deposition gauges were installed near Mayne Yard in preparation for the surcharge works that commenced in mid-March. A dust deposition gauge at Mayne Yard overtopped due to rainfall and one at Victoria Park near Brisbane Girls Grammar School (BGGs) was tampered with. There were no exceedances of the performance criteria for dust deposition at the three (3) monitoring sites - RNA Showgrounds, Centenary Pool and East Mayne Yard.

For the TSD scope of work, dust deposition monitoring was conducted at Albert St, and Woolloongabba precinct sites during the month. The monitoring results showed levels within the project's air quality goal. The dust deposition monitoring data for the Roma Street and Boggo Road sites were retrieved from DES monitoring stations located outside the precinct areas. The contractor states that project requirements were met.

Particulate Matter (PM₁₀)

Based on the predictive assessment for the surcharge works, monitoring for particulate matter (PM₁₀) was required along the Northern Corridor and near Mayne Yard. For the Northern Corridor works, the two Transurban monitoring stations located in East Victoria Park and at Centenary Pool (within 1km of the work site) were used. There were no exceedances recorded for the reporting period for PM₁₀ at the Transurban monitoring stations. PM₁₀ monitoring was not undertaken for the Mayne Yard surcharge works. The Development Authority is working with the contractor to resolve this.

The TSD contractor reviewed the DES air quality results for PM₁₀ from the monitoring stations in the Brisbane CBD, South Brisbane and Woolloongabba for March. No exceedances to the PM₁₀ criteria were recorded at the monitoring stations on or close to the site boundary's or those further away at the DES stations.

Total Suspended Particulates (TSP)

Based on the predictive assessment for the surcharge works, monitoring for Total Suspended Particulates (TSP) was required along the Northern Corridor and near Mayne Yard. TSP monitoring was not undertaken for these works – the Development Authority is working with the contractor to resolve this. However, further investigations are being completed with the contractor to determine if an NCE has occurred.

Water Quality –

Routine monthly surface water for the Northern or Southern areas was postponed until the first week of April. Post rain event monitoring (visual inspection) was undertaken at Breakfast Creek and York's Hollow. Visual monitoring indicated no visible impacts to water quality therefore no in-situ water quality monitoring was undertaken. The Southern Area was not inspected as there were no active project works in the area during March.

The TSD Contractor conducted water quality monitoring at the Woolloongabba site prior to a release. Total Suspended Solids (TSS) did not meet the Water Quality Objectives, however as TSS was demonstrated to be below the level of the receiving environment and lower than the Brisbane River estuary environmental values and Water Quality Objectives, the TSD Contractor stated adherence to the project requirements. Abnormal nitrogen levels were observed in comparison to previous months, which the contractor has noted, are from external factors not related to the project (e.g. fauna occupying the pond water). As the results were mostly below that of the receiving environment, the TSD Contractor confirms adherence to the project requirements. Two (2) rounds of surface water quality monitoring was conducted in March confirming no project impacts to the receiving environment.

Erosion and Sediment Control –

Site specific ESCPs have also been developed for works in Mayne Yard North and the Northern area and endorsed by the Environmental Monitor prior to the commencement of works.

Site specific ESCPs have been prepared and updated for the permanent TSD sites at Boggo Road, Woolloongabba, Albert Street and Roma Street.

Compliance

It has been noted that the air quality monitoring is not being undertaken as per the endorsed CEMP for the RIS works. The Delivery Authority (DA) is currently working with the EM and contractor to address this issue.

Whilst the TSD Monthly Report for March states no Non-Compliance Events for the month, the Environment Monitor issued five (5) non-compliance event notifications to Pulse for the TSD works, these are:

- Unauthorised deliveries outside approved material/equipment delivery hours at the Boggo Road site;
- Uncontrolled discharge of site water and insufficient erosion and sediment control measures at the Boggo Road site;
- Uncontrolled discharge of site water and insufficient erosion and sediment control measures at the Woolloongabba site;
- Not monitoring and reporting on air quality in accordance with the Air Quality Management Plan; and Coordinator- General conditions; and
- Insufficient monitoring data provided in the February TSD Monthly Environmental Report to demonstrate and interpret noise compliances.

These reports have been issued to the Coordinator-General and once accepted will be published on the Cross River Rail website. A summary compliance table against each condition is presented in **Section 3** of the report.

Complaints:

The TSD contractors report (Appendix 3) note thirteen (13) noise complaints reported in March. Of these, noise complaints dominated: seven (7) complaints related to work in the evening and out of hours and six (6) complaints were related to works undertaken during standard work hours. However, 18 complaints have been confirmed by Pulse relating to the project. An updated Appendix 3 will be provided in due course. The contractor notes that all monitoring and complaint management adhered to project requirements. The TSD contractor also stated in their report that for all scheduled Out of Hours works being undertaken, community notification had been provided. All complaints were closed out by the TSD contractors.

The key planned Project Works for the coming months include:**Mayne Area –**

- Settlement monitoring of surcharge load area; and
- Preparation and geotechnical inspection of crane pads for the three large tower removals.

Northern Area –

- Complete Victoria Park access road modifications within the park area;
- Commence signalised intersection and signalling works at Gregory Terrace;
- Relocation of BCC facility from Langham Street (RNA area) to Victoria Park (Herston) prior to rock excavations; and
- RNA site establishment works.

Central Area –

- Roma Street - continued demolition, with site establishment and site preparation work ongoing. Shaft excavation will continue, and the acoustic shed facades was essentially completed by the end of April;
- Albert Street – continued site preparation, geotechnical work and piling continues on Lots 1 and 2. Work will continue on the acoustic shed and shaft excavation on Lot 2; Contaminated land and ASS investigations will continue;
- Woolloongabba – site establishment and piling pad preparation with continued piling and shaft decline excavation from March onwards. Installation of power and other utility services required for tunnelling and site operations. Blasting activities are also expected to commence in late May; and
- Boggo Road - site clearance activities, site office set up, piling preparations and works on the freight flyover; and continued geotechnical.

Southern Area –

- Construction works of OHLE masts and portals at Yeronga and Fairfield; and
- Relocation of heritage shade structure at Fairfield Station.

Monthly Reporting

This Monthly Report has been endorsed by the Environment Monitor and this has been provided to the Coordinator-General.

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Appendix A – RIS Monthly Report

Appendix B – TSD Monthly Report (Extracts from Progress Report)

Appendix C – Non-Compliance Event Reports

1. Definitions

Table 1: 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(s)	The Project's Construction Environmental Management Plan
CG	Coordinator-General
CGCR	Coordinator-General's Change Report
CGER	Coordinator-General's Evaluation 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
EMP	Environmental Management Plan (refers to the OEMP, CEMP, COEMP including any Project sub-plans)
Environmental Monitor	The Environmental Monitor engaged in accordance with Imposed Condition 7
ETCS	European Train Control Systems
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	The Project's 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	Requests 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 to an EMP
The Authority	The Cross River Rail Delivery Authority
TSD	Tunnel, Stations and Development

2. Introduction

2.1 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 EIS was evaluated by the Coordinator-General who recommended the Project proceed, subject to Imposed Conditions and recommendations. Since the evaluation of the EIS, five Requests for Project Change (RfPCs) have been evaluated by the Coordinator-General, at the time of writing. The CRR Project, as currently evaluated by the Coordinator-General, including the RfPCs, is referred to as the Evaluated Project.

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.

2.2 Project Delivery

The Delivery Authority is responsible for planning and delivering the Project.

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 Delivery Authority has appointed separate Contractors to deliver TSD and RIS packages. CBGU JV is delivering TSD package while RIS package is being delivered by the Unity Alliance.

The Project is geographically divided into four areas as identified in **Figures 1 and 2** –

- Mayne Area
- Northern Area
- Central Area
- Southern Area

During initial Project Delivery phase, the Project has established environmental management plans and secured some of the secondary environmental approvals in addition to enabling works.

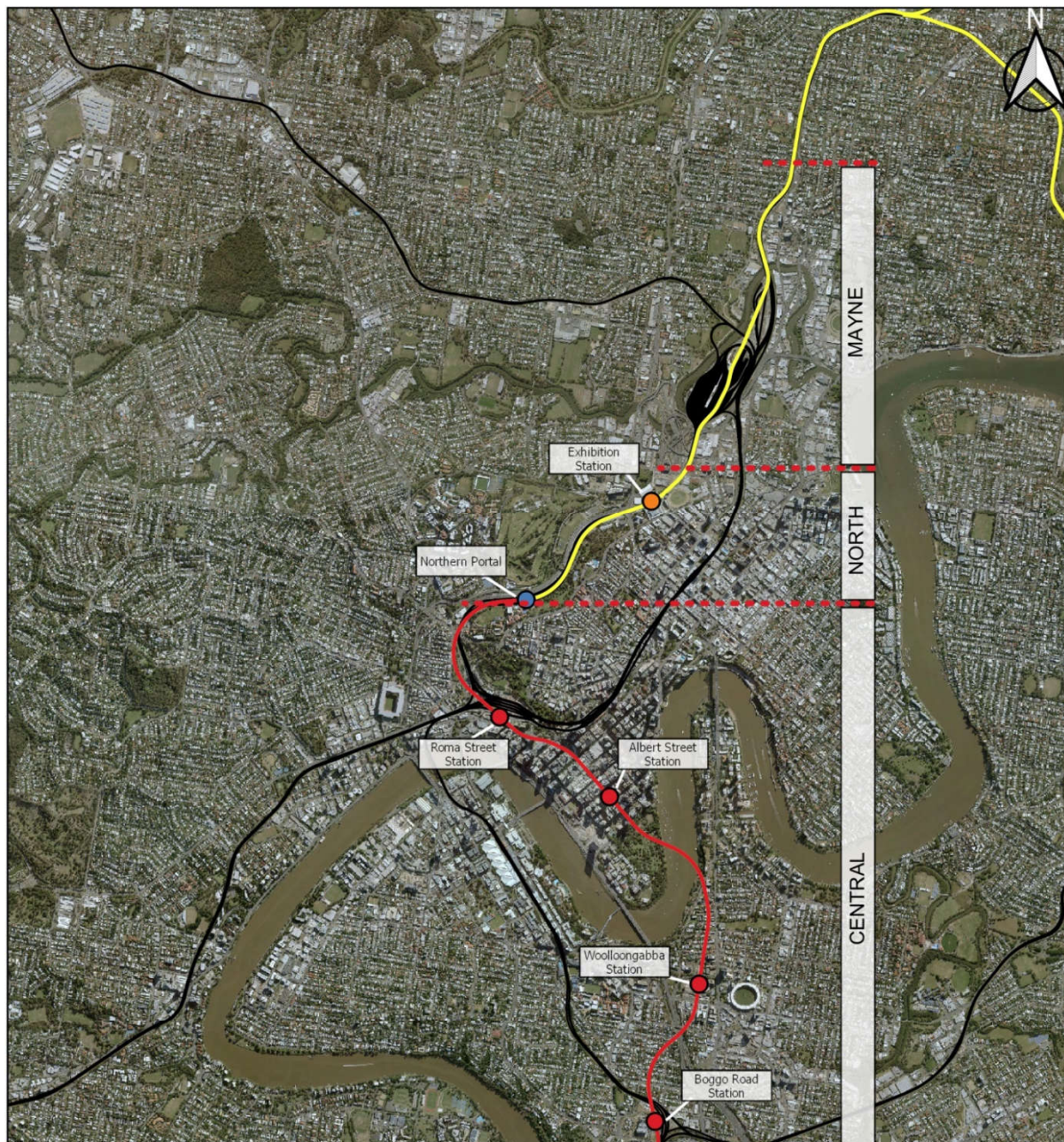








Figure 1 : Project Geographical Areas - North

Legend

- | | | |
|--|--|--|
|  Above Ground Alignment |  Above Ground Station |  Tunnel Portal |
|  Tunnel Alignment |  Underground Station |  Existing Railway Network |

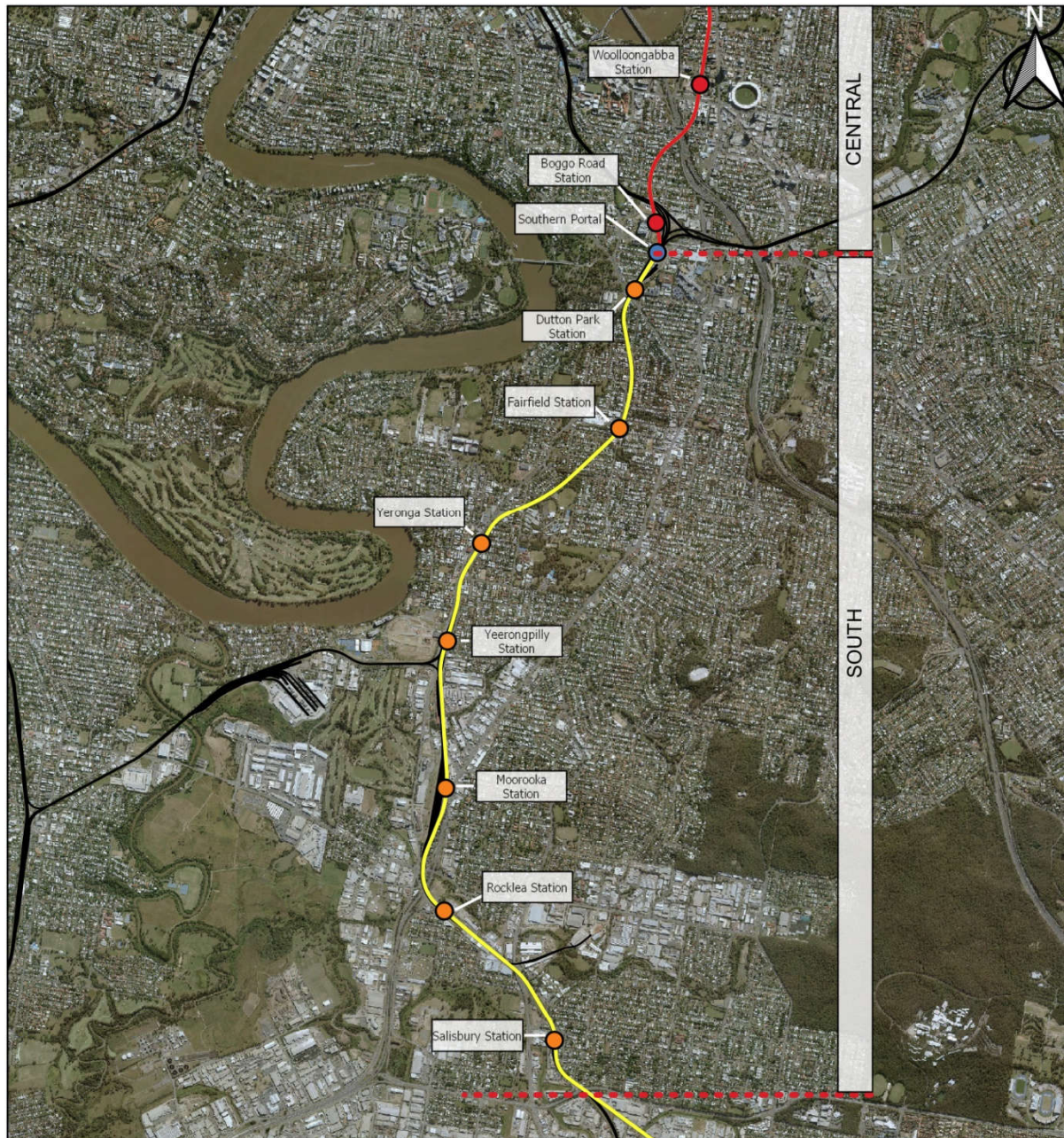








Figure 2: Project Geographical Areas - South

Legend

- | | | |
|--|--|--|
|  Above Ground Alignment |  Above Ground Station |  Tunnel Portal |
|  Tunnel Alignment |  Underground Station |  Existing Railway Network |

2.3 Reporting Framework

This report 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 will be captured in these monthly environmental reports and the annual environmental reports, which will be endorsed by the Environmental Monitor.

3. Compliance with Imposed Conditions

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

Compliance against Imposed Conditions are provided in **Table 2** below and detail is provided in **Appendices B and C**.

Table 2: 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	Ongoing
2.	Outline Environmental Management Plan – timely submission to the Coordinator General including required sub plans	Yes	No further amendments to the OEMP proposed
3.	Design - achievement of the Environmental Design Requirements	NA	
4.	Construction Environmental Management Plan – all relating to Relevant Project Works	Yes	TSD - CEMP Rev 3 became effective on 11 February. RIS - CEMP endorsed for Enabling and Advanced Works on 23 August 2019. CEMP for upcoming Northern Portal (Stage 1) works is being developed for submission to the CG.
5.	Compliance and Incident management - Non-compliance events, notifications and reporting	Yes	Five NCE were notified to the Coordinator General within 48hrs of the events being confirmed as non-compliant.
6.	Reporting – Monthly and Annual reporting	No	TSD - Reporting falls short of requirements. The DA continues to work with the EM and Contractor to address this issue. This has been raised as an NCE.
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	No	Most works were undertaken during approved 'Hours of work', except some deliveries at one site. This has been raised as an NCE.
11.	Noise – Work must aim to achieve internal noise goals for human health and well-being	Yes	Refer to Appendices B and C .
	Vibration - Works must aim to achieve vibration goals for cosmetic damage, human comfort and sensitive building contents.	Yes	Refer to Appendices B and C .
12.	Property damage relating to ground movement	Yes	TSD – need to prepare this for upcoming blasting and excavation works, some surveys completed in February. RIS - No specific management plan required due to low risk construction works.

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.	No	Not all TSD sites are monitoring the required air quality parameters at sites. The DA is currently working with the EM and Contractor to address this issue. This has been raised as an NCE. RIS – the DA are working with the contractor to review their monitoring.
14.	Traffic and transport - Works must minimise adverse impacts on road safety and traffic flow.	Yes	TSD - Traffic Management Plan covered in the CEMP.
15.	Water quality - Works must not discharge surface water and groundwater from the construction site above the relevant environmental values and water quality objectives.	No	TSD - One discharge event took place at the Woolloongabba site in March that did not meet all of the water quality objectives. This was not project related as the river quality is often higher than the objectives. RIS - No discharges of surface water or groundwater occurred
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.	NA	
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.	No	TSD - Erosion and Sediment Control Plan and individual site plans have been prepared and under review, some have not met requirements. These have been raised as NCE's. RIS - Site specific ESCP for each active work sites were endorsed by the Environmental Monitor and implemented on site.
19.	Acid sulfate soils managed as per the <i>Queensland Acid Sulfate Soil Technical Manual</i> .	Yes	TSD - CEMP covers Acid Sulfate Soils Management Plan RIS - Not applicable for Relevant Project Works.
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.
21.	Worksite rehabilitation – worksites rehabilitated as soon as practicable upon completion of works or commissioning, and in consultation with Brisbane City Council.	NA	

Total Non-Compliance Events:

There were five (5) Non-Compliance Events identified by Environmental Monitor against imposed conditions in March, and subsequently notified to the Coordinator-General by the Delivery Authority.

Appendix A – RIS Monthly Report

Monthly CGCR Report – March 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 March 2020

- Site establishment of the Main Site Office at Herston
- Widening of the existing Access Road in Victoria Park and installation of the relocated Shared User Path
- Enabling works within the Northern Corridor (removal of unsuitable material)

The following *Project Works* started in March 2020

- Surcharge works in a small area of Mayne Yard North using Suitable Material from the Northern Corridor

1.2 Progress Photos



Plate 1: Normanby - Loadout of Unsuitable Material Offsite



Plate 2: Mayne - Commencement of Preload Material Import

2 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.

2.1 Non- Compliance Events Summary

Table 1: 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
None for this reporting period					

3 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 2: Summary of Complaints

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

4 Environmental Monitoring Results

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

4.1 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.

4.1.1 Noise Monitoring

The predictive noise modelling for the Victoria Park Access Road works, the Northern Corridor Works and the Mayne Yard North Works did not trigger the need to undertake noise monitoring.

Noise monitoring because of complaints was not triggered. No noise complaints occurred during the works.

4.1.2 Noise monitoring Results

Nil for the reporting period.

4.1.3 Vibration Monitoring

The predictive vibration modelling for the Victoria Park Access Road works, the Northern Corridor Works and the Mayne Yard North Works did not trigger the need to undertake vibration monitoring.

Vibration monitoring because of complaints was not triggered. No complaints triggered the need to undertake vibration monitoring.

4.1.4 Vibration Monitoring Results

Nil for the reporting period.

4.1.5 Interpretation

4.1.5.1 Noise Monitoring

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

4.1.5.2 Vibration Monitoring

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

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

Unity continued the Air Quality Monitoring regime (locations / parameters) in accordance with the advice of Unity's Certified Air Quality Professional (CAQP).

4.2.1 Dust results

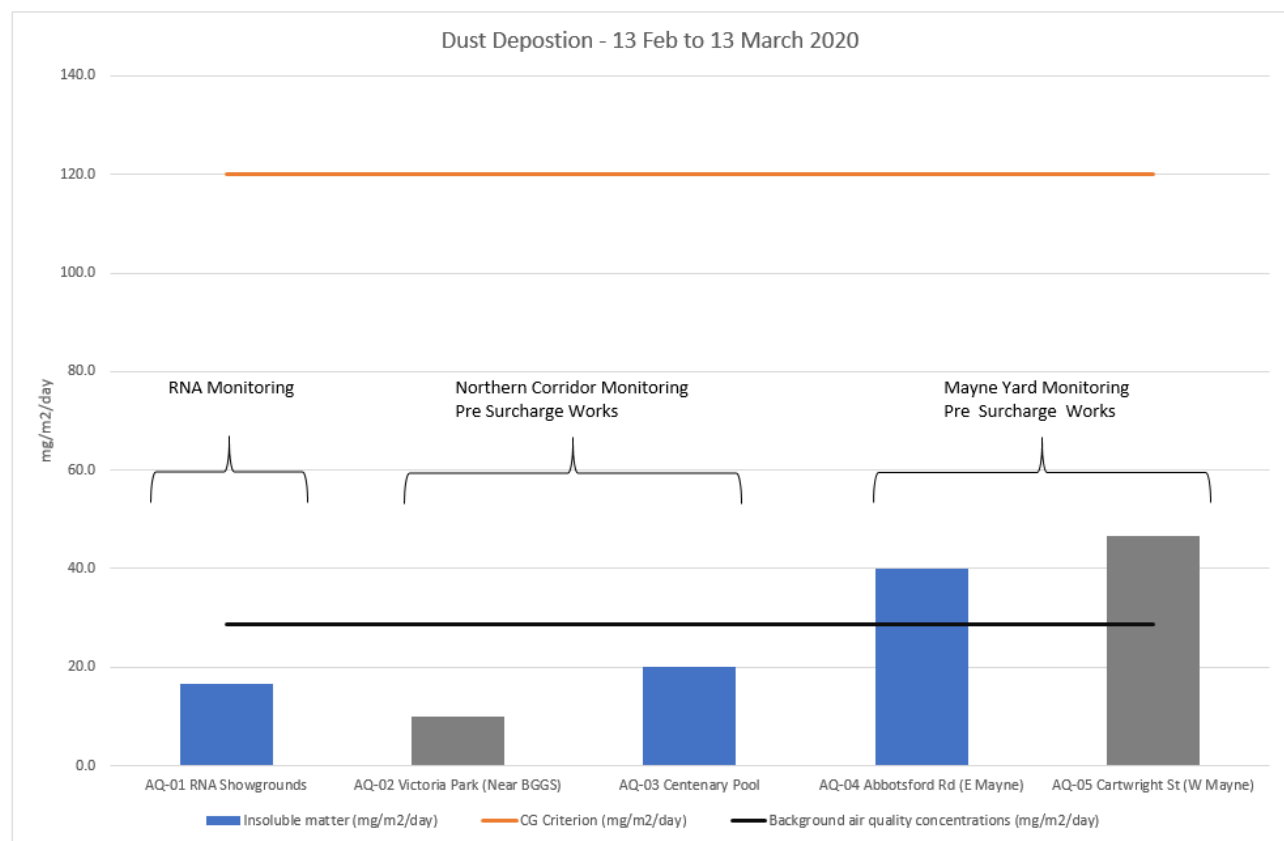
Unity Alliance continued monitoring established two (2) additional passive dust deposition gauge in the Vicinity of Mayne Yard in mid-February 2020, in preparation for the surcharge works planned to start early march.

Since passive dust deposition gauges are analysed on a monthly basis, results span from 13 February 2020 to 13 March 2020.

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

Table 3: 13 February 2020 to 13 March 2020

CGCR Criterion (mg/m ² /day)	AQ-01 Results - RNA Showgrounds (mg/m ² /day)	AQ-02 Results - BGGS (mg/m ² /day)	AQ-03 Centenary Pool (mg/m ² /day)	AQ-04 Abbotsford Rd (E Mayne) (mg/m ² /day)	AQ-05 Cartwright St (W Mayne) (mg/m ² /day)
120	16.7	10.0	20.0	40.0	46.7
Total Rainfall during Period	120mm	120mm	120mm	114mm	114mm



4.2.2 Interpretation

Due to the wet weather during the monitoring period, the dust deposition gauge at AQ-05 overtopped. Therefore, the results are deemed invalid.

AQ-02 near BGGS was tampered with and the funnel was missing / stolen. Therefore, the results are deemed invalid. The DDG was subsequently moved inside the rail corridor to prevent further tampering

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

4.2.3 Particulates results

The delivery of the air quality monitoring stations which will monitor TSP and PM₁₀ were delayed due to COVID-19.

Monitoring for TSP and PM₁₀ was recommended to commence along the Northern Corridor and near Mayne Yard based on the predictive assessment for the surcharge works.

The stations have now been received (post Easter Gazetted Public Holidays) and will be installed as per the recommendation of the CAQP.

Transurban Queensland operates the Legacy Way tunnel in accordance with conditions established by the Queensland Co-ordinator General.

Transurban has engaged third parties to establish External Ambient Air Quality Monitoring Stations along their footprint. Two of the monitoring stations are located near the Northern Corridor Area, within 1km from where the works occurred.

They are

- East Victoria Park (E1) which is located approximately 300m due north from the northern corridor, and
- Eastern Centenary Pool (E2) which is located approximately 150m due east from the northern corridor.

External Ambient Air Quality data is collected for Carbon monoxide (CO), Nitrogen dioxide (NO₂), Particulate matter less than 10 µm (PM₁₀), and Particulate matter less than 2.5 µm (PM_{2.5}).

PM₁₀ is one of the indicators for which the Coordinator General has imposed a goal of 50 µg/m³ (over an averaging period of 24 hours) the project must aim to achieve under Condition 13(a) of the CGCR.

The same goal has been imposed on the Cross-River Rail Project.

Validated air quality data for the Legacy Way tunnel is shown below. The information has been sourced from the Legacy Way website. The data used on this webpage is collected by third parties using equipment which is not controlled by Transurban Queensland and as such may be subject to faults or errors by third parties, external weather or environmental events, or server access issues.

There were no exceedances recorded for the reporting period for PM₁₀ near the northern corridor.

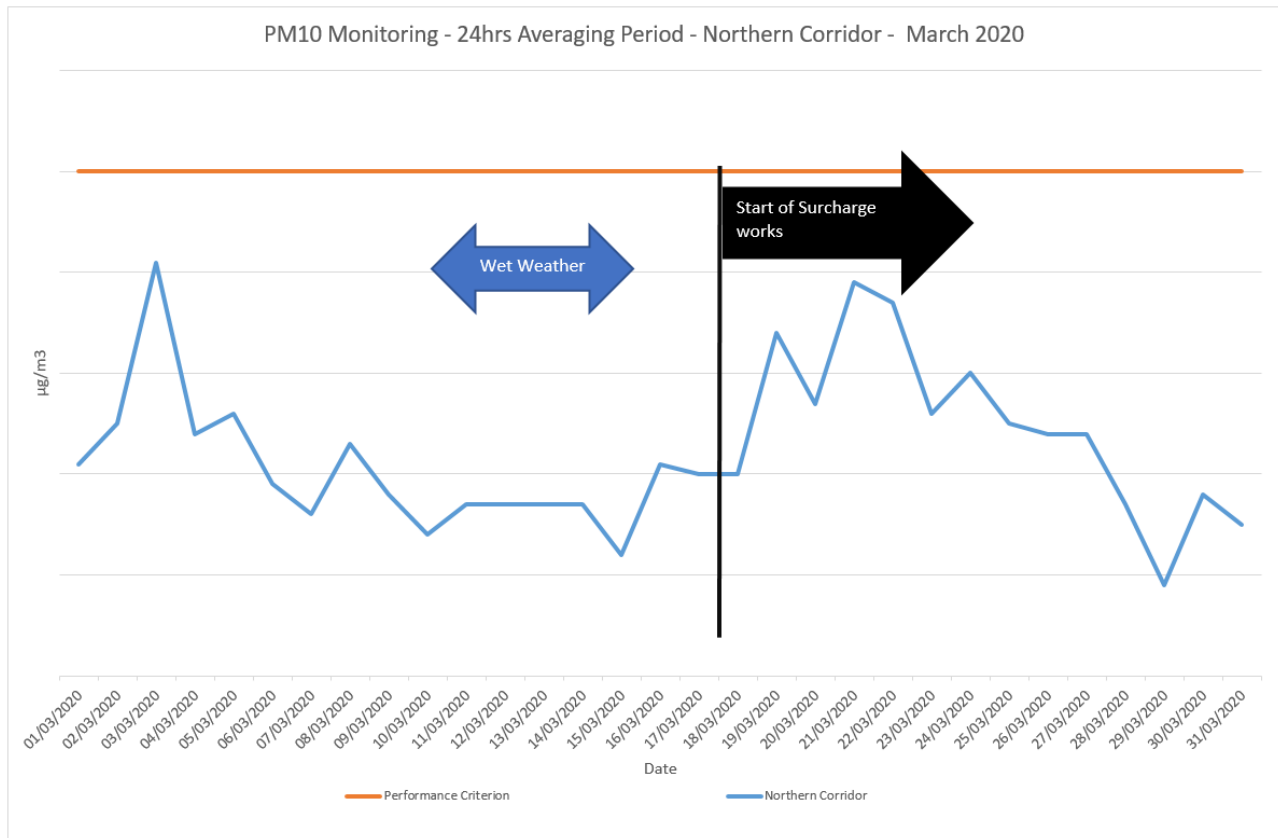


Figure 1: PM10 Monitoring for the Northern Corridor - April 20 Results

4.2.4 Interpretation

There were no exceedances recorded for the reporting period for PM₁₀ near the northern corridor.

Unity also reviewed the DES air quality results for PM10 from other stations in Brisbane for the reporting period. The results were as follows:

- Brisbane CBD: PM₁₀ - No exceedances of the 50 µg/m³ (24hr avg) were reported for the month of March. (apps.des.qld.gov.au/air-quality/chart/?station=cdb¶meter=18&date=1/03/2020&timeframe=month)
- South Brisbane (Woolloongabba): PM₁₀ - No exceedances of the 50 µg/m³ (24hr avg) were reported for the month of March. (<https://apps.des.qld.gov.au/air-quality/chart/?station=sbr¶meter=18&date=1/03/2020&timeframe=month>)
- Rocklea: PM₁₀ - No exceedances of the 50 µg/m³ (24hr avg) were reported for the month of March. (<https://apps.des.qld.gov.au/air-quality/chart/?station=roc¶meter=18&date=1/03/2020&timeframe=month>)

The graphical representation of the DES air quality data is presented in the below charts.

Particle PM₁₀ at Brisbane CBD, 1–31 March 2020 [about Particle PM₁₀](#)

 [Brisbane CBD station overview](#)

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

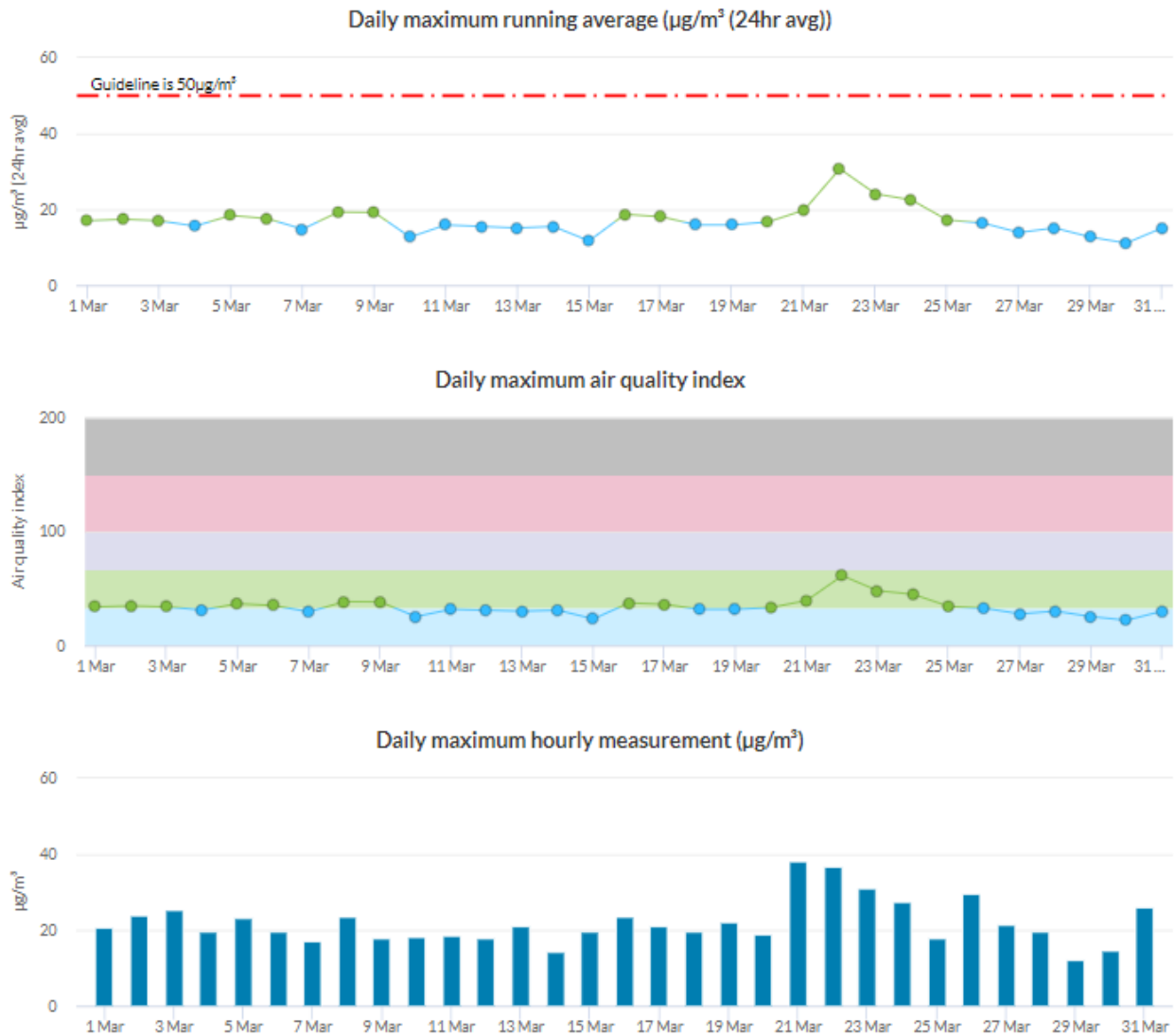


Figure 2: Brisbane CBD – DES Station - PM₁₀ graph for March 2020 (reproduction from the DES website accessed 20 April 2020)

Particle PM₁₀ at South Brisbane, 1–31 March 2020 [about Particle PM₁₀](#)

[South Brisbane station overview](#)

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

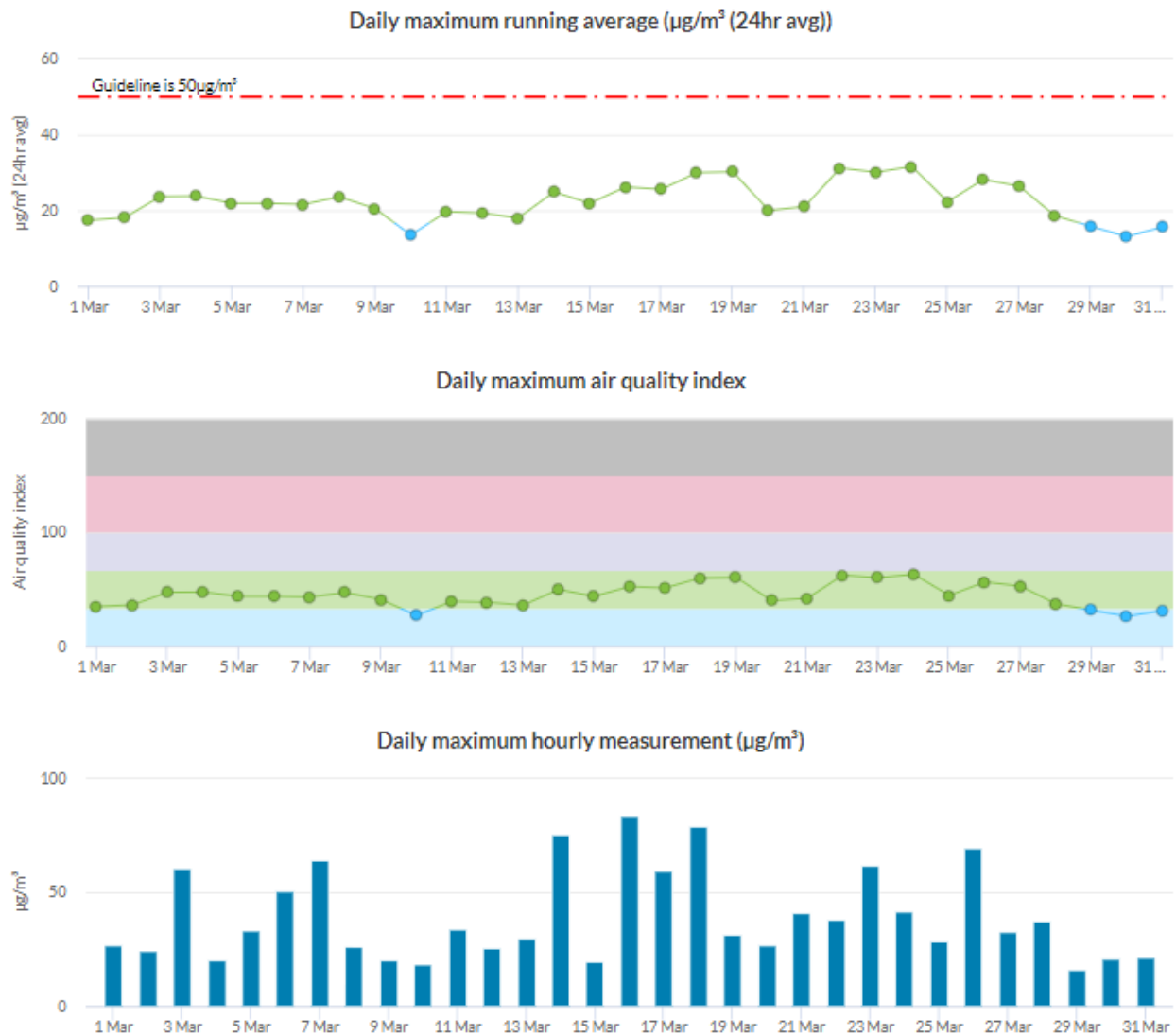


Figure 3: South Brisbane – DES Station - PM₁₀ graph for March 2020 (reproduction from the DES website accessed 20 April 2020)

Particle PM₁₀ at Rocklea, 1–31 March 2020 [about Particle PM₁₀](#)

 [Rocklea station overview](#)

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

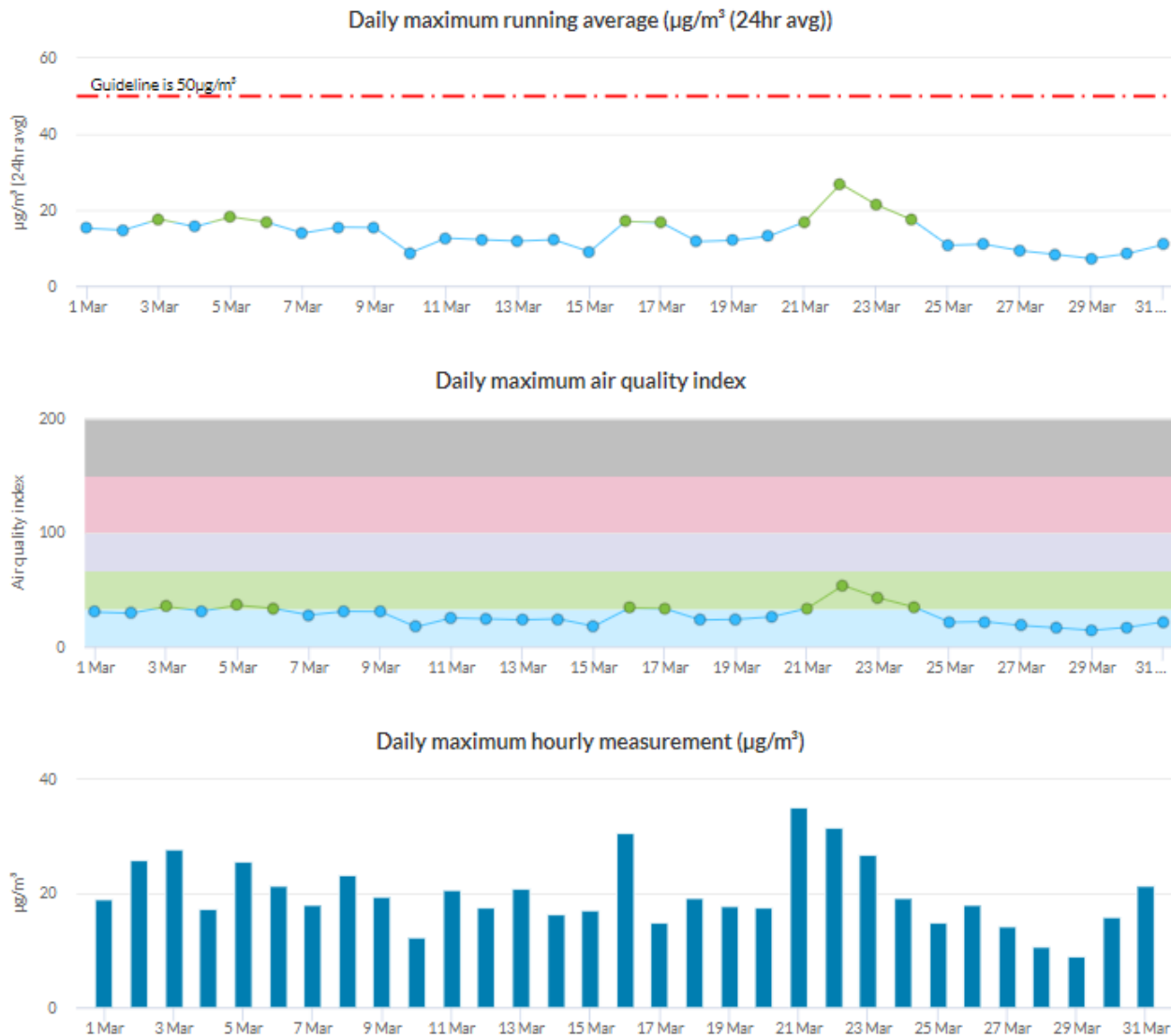


Figure 4: Rocklea – DES Station - PM₁₀ graph for March 2020 (reproduction from the DES website accessed 20 April 2020)

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 March with the surcharge works only commencing in the second part of the month.

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 is achieving the outcomes set out by the CGCR and OEMP.

4.3 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 – mid-estuary) 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.

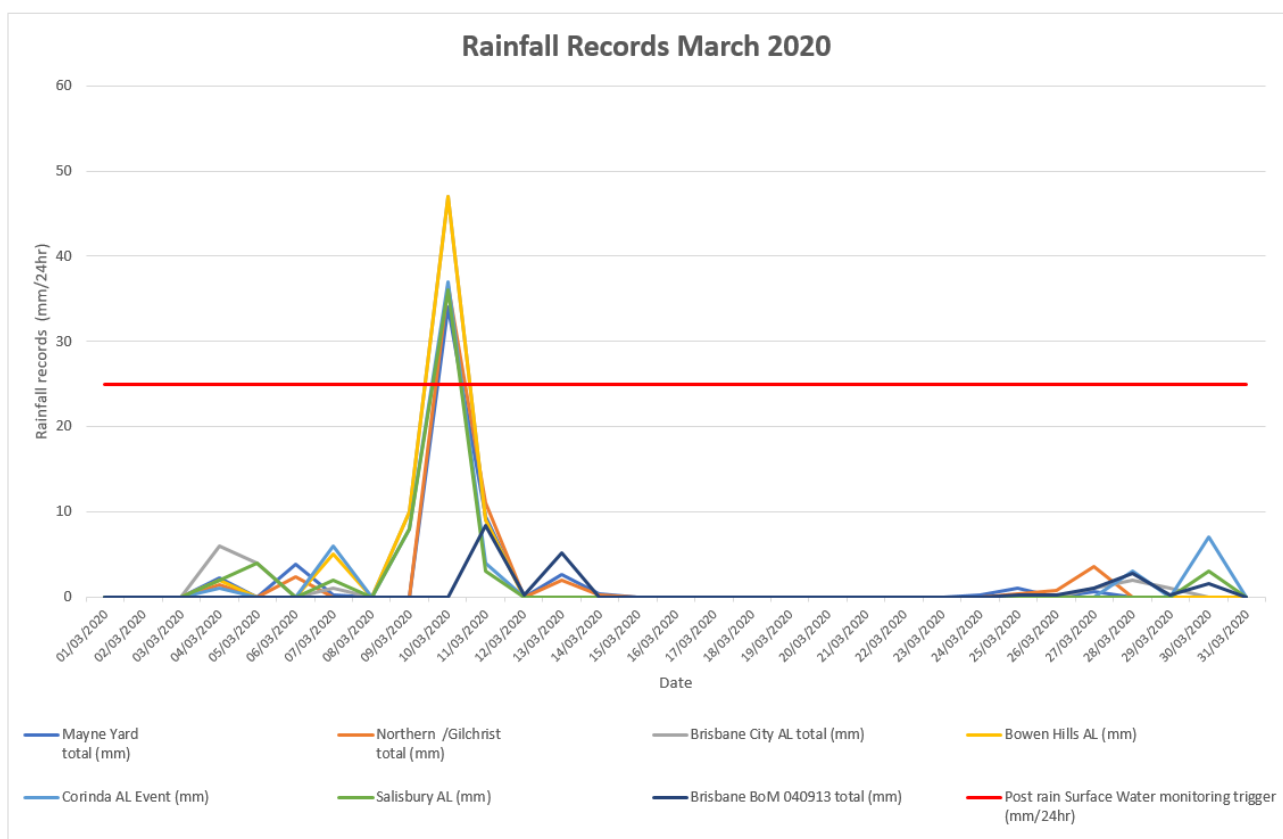
There were no groundwater discharges.

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 March 2020, Unity undertook one (1) of surface water monitoring which consisted of a post rain event monitoring.

A monthly scheduled monitoring event has to be postponed. It was undertaken on 01 April.

4.3.1 Rainfall Records



4.3.2 Discharge Monitoring

Nil for this reporting period.

4.3.3 C-EMP Monitoring

The following sections summarise the findings of the surface water monitoring undertaken in March 2020.

4.3.3.1 Breakfast Creek

Mayne Yard was inspected following the rainfall event.

Consistent with the C-EMP, visual monitoring of Breakfast Creek occurred.

Surcharge works had not commenced at the time of the inspection and therefore the site was not significantly disturbed by any of the Project Works.

Visual monitoring indicated there were no visible impacts to water quality therefore no in-situ water quality sampling was undertaken.

4.3.3.2 York's Hollow

The northern corridor was inspected following the rainfall event.

Consistent with the C-EMP, visual monitoring of York's Hollow occurred.

Material gain works had not commenced at the time of the inspection and therefore the site was not significantly disturbed by any of the Project Works.

Visual monitoring indicated there were no visible impacts to water quality, which is consistent with the low likelihood that York's hollow is a receiver of the Northern corridor run-off.

Therefore, no in-situ water quality sampling was undertaken.

4.3.3.3 Moolabin Creek, Rocky Water Holes Creek and Stable Swamp Creek

None of the southern corridor waterways (Moolabin Creek, Rocky Water Holes Creek and Stable Swamp Creek) were inspected as there were no Active Project Works in the area for the month of March.

4.3.4 Interpretation

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

5 Good News Stories

No Non-Compliance events occurred during the reporting period.

There were no complaints recorded associated with the Project Works. This is the fourth month in a row.

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

None for this reporting period.

Appendix B – TSD Monthly Report

March 2020 Monthly Report Summary

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 eleven (11) occasions, and noise monitoring was conducted on seventy-one (71) occasions during March 2020. Each vibration and noise monitoring event confirmed project requirements were adhered to.

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

Water quality monitoring was conducted prior to the release of water from the site on one (1) occasion. Each monitoring event confirmed project requirements were adhered to. Two (2) rounds of surface water quality monitoring were also conducted that confirmed no project impacts.

Environmental Monitoring Results

Monitoring data is provided below in accordance with Condition 6(b)(i) of the Coordinator-General Change Report.

Vibration

Vibration monitoring was conducted during March 2020.

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

Table 1: Vibration Monitoring Data

Start Date	Time	Finish Date	Location	Purpose of Monitoring	Average Vibration levels (mm/s)	Max Vibration Level (mm/s)	Adhered to Project Requirements (Yes / No)
4/03/2020	9:25	9/03/2020	Albert St	Construction Monitoring at Sensitive Places	0.4	1.8	Yes
4/03/2020	9:25	4/03/2020	Albert St	Construction Monitoring at Sensitive Places	0.55	0.98	Yes
4/03/2020	9:27	4/03/2020	Albert St	Construction Monitoring at Sensitive Places	0.2	0.2	Yes
4/03/2020	9:28	4/03/2020	Albert St	Construction Monitoring at Sensitive Places	0.2	0.2	Yes
12/03/2020	15:27	16/03/2020	Gabba	Construction Monitoring at Sensitive Places	0.12	0.57	Yes
19/03/2020	11:05	19/03/2020	Albert St	Construction Monitoring at Sensitive Places	0.34	1.84	Yes
20/03/2020	10:00	27/03/2020	Boggo Rd	Construction Monitoring at Sensitive Places	0.14	0.62	Yes

27/03/2020	8:23	31/03/2020	Gabba	Construction Monitoring at Sensitive Places	0.15	0.84	Yes
28/03/2020	6:07	28/03/2020	Roma St	Construction Monitoring at Sensitive Places	0.11	0.3	Yes
28/03/2020	6:15	28/03/2020	Roma St	Construction Monitoring at Sensitive Places	0.14	0.62	Yes
28/03/2020	6:27	28/03/2020	Roma St	Construction Monitoring at Sensitive Places	0.16	0.45	Yes

Noise

Attended noise monitoring was conducted during March 2020.

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

Table 2: Noise Monitoring Data

Date	Time	Location	Purpose of Monitoring	Activity	Noise level LA10 ^[1]	Noise level LAeq ^[2]	Adhered to Project Requirements (Yes / No)
2/03/2020	10:51:00 AM	Roma St	Model Verification	Construction/Demolition	73.2	70	Yes
2/03/2020	8:18:00 PM	Roma St	Model Verification	Construction/Demolition	71.3	68.8	Yes
2/03/2020	9:13:00 PM	Roma St	Model Verification	Construction/Demolition	74.1	66	Yes
2/03/2020	9:44:00 PM	Roma St	Model Verification	Construction/Demolition	76	73.7	Yes
2/03/2020	10:14:00 PM	Roma St	Model Verification	Construction/Demolition	67.1	64.6	Yes
3/03/2020	12:56:00 AM	Gabba	Construction Monitoring at Sensitive Places	Site Establishment	61.6	59.8	Yes
4/03/2020	10:20:00 AM	Roma St	Complaint response	Demolition	46.4	43.8	Yes
4/03/2020	9:44:00 AM	Albert St	Construction Monitoring at Sensitive Places	Construction Stage 1	74.3	72.2	Yes
5/03/2020	5:45:00 AM	Roma St	Construction Monitoring at Sensitive Places	Construction	70.2	66.9	Yes
6/03/2020	9:49:00 AM	Roma St	Model Verification	Demolition	72.6	69.4	Yes
6/03/2020	10:09:00 AM	Roma St	Model Verification	Demolition	75.1	71.8	Yes
6/03/2020	10:32:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	75.2	70.8	Yes

6/03/2020	11:06:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	48	45.9	Yes
6/03/2020	11:26:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	50.1	48.5	Yes
6/03/2020	1:13:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	48.9	45.7	Yes
6/03/2020	12:28:00 PM	Albert St	Construction Monitoring at Sensitive Places	Construction Stage 1	55.7	52.2	Yes
6/03/2020	9:00:00 AM	Southern Portal	Background Data	Background Reading	72	69.9	Yes
6/03/2020	9:20:00 AM	Southern Portal	Background Data	Background Reading	59	55.8	Yes
6/03/2020	9:40:00 AM	Southern Portal	Background Data	Background Reading	57.1	55.6	Yes
6/03/2020	10:00:00 AM	Southern Portal	Background Data	Background Reading	60.5	57.3	Yes
10/03/2020	3:19:00 PM	Albert St	Construction Monitoring at Sensitive Places	Construction Stage 1	56	55.4	Yes
10/03/2020	7:45:00 PM	Dutton Park	Background Data	Site Establishment	72.1	68.3	Yes
10/03/2020	8:20:00 PM	Dutton Park	Construction Monitoring at Sensitive Places	Site Establishment	85.2	81.9	Yes
10/03/2020	8:40:00 PM	Dutton Park	Construction Monitoring at Sensitive Places	Site Establishment	74.1	71.5	Yes
10/03/2020	9:05:00 PM	Dutton Park	Construction Monitoring at Sensitive Places	Site Establishment	82.9	78.9	Yes
10/03/2020	9:00:00 AM	Gabba	Background Data	Site Establishment	73.3	70.1	Yes
10/03/2020	9:28:00 AM	Gabba	Background Data	Site Establishment	68.4	65.5	Yes

11/03/2020	10:21:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	73	68.3	Yes
11/03/2020	12:25:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	76.4	74	Yes
11/03/2020	10:30:00 PM	Albert St	Construction Monitoring at Sensitive Places	Construction Stage 1	69.3	67.2	Yes
11/03/2020	10:47:00 PM	Albert St	Construction Monitoring at Sensitive Places	Construction Stage 1	60.3	57.3	Yes
11/03/2020	8:55:00 AM	Boggo Rd	Model Verification	Site Establishment	72.1	67.8	Yes
11/03/2020	9:20:00 AM	Boggo Rd	Model Verification	Site Establishment	68.4	65.3	Yes
13/03/2020	12:54:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	73.5	70.3	Yes
13/03/2020	1:20:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	73.3	70.4	Yes
13/03/2020	1:43:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	72.8	70	Yes
14/03/2020	7:15:00 AM	Boggo Rd	Construction Monitoring at Sensitive Places	Minor Excavation Works	63.2	63	Yes
14/03/2020	7:40:00 AM	Boggo Rd	Construction Monitoring at Sensitive Places	Minor Excavation Works	66.7	64.1	Yes
16/03/2020	10:28:00 PM	Gabba	Construction Monitoring at Sensitive Places	Site Establishment	64.2	62.9	Yes
16/03/2020	7:30:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Site Establishment	65.1	62.2	Yes

16/03/2020	7:46:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Site Establishment	68.4	63.7	Yes
16/03/2020	8:05:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Site Establishment	70.9	69.5	Yes
17/03/2020	11:53:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	76.7	73.2	Yes
17/03/2020	12:13:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	70.7	68	Yes
17/03/2020	12:31:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	74.8	72.2	Yes
18/03/2020	11:13:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	78.3	74.2	Yes
18/03/2020	11:33:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	69.5	67.9	Yes
18/03/2020	11:52:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	70.4	68.7	Yes
18/03/2020	12:14:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	80.4	77.1	Yes
19/03/2020	11:39:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	75.3	71.8	Yes
19/03/2020	11:59:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	72	69.1	Yes
19/03/2020	11:52:00 AM	Albert St	Construction Monitoring at Sensitive Places	Demolition	81.2	78.5	Yes
19/03/2020	11:06:00 AM	Albert St	Construction Monitoring at Sensitive Places	Demolition	81.4	81.4	Yes

24/03/2020	8:39:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	73.5	72	Yes
24/03/2020	8:59:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	80.2	75.5	Yes
24/03/2020	9:17:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	81.8	77.1	Yes
24/03/2020	9:33:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	78.8	75.2	Yes
25/03/2020	9:56:00 PM	Roma St	Construction Monitoring at Sensitive Places	Construction Stage 1	67.3	66	Yes
25/03/2020	10:14:00 PM	Roma St	Construction Monitoring at Sensitive Places	Construction Stage 1	66	62.6	Yes
25/03/2020	8:05:00 AM	Gabba	Construction Monitoring at Sensitive Places	Site Establishment	78.1	74.8	Yes
27/03/2020	7:20:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Piling Rig Demobilisation	67.7	63	Yes
27/03/2020	7:38:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Piling Rig Demobilisation	63.5	62.2	Yes
27/03/2020	8:00:00 PM	Boggo Rd	Construction Monitoring at Sensitive Places	Piling Rig Demobilisation	72.6	69.2	Yes
27/03/2020	9:18:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	76.2	72.3	Yes
27/03/2020	9:37:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	76.7	73.8	Yes
28/03/2020	7:24:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	70.7	67.7	Yes

28/03/2020	9:01:00 AM	Roma St	Construction Monitoring at Sensitive Places	Demolition	70.5	68	Yes
28/03/2020	12:22:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	75.9	73.6	Yes
28/03/2020	1:02:00 PM	Roma St	Construction Monitoring at Sensitive Places	Demolition	81.2	76.3	Yes
31/03/2020	3:28:00 AM	Boggo Rd	Construction Monitoring at Sensitive Places	Office Saniterisation	55.3	62.8	Yes
31/03/2020	3:10:00 AM	Boggo Rd	Construction Monitoring at Sensitive Places	Office Saniterisation	49.2	49.6	Yes

- [1] Intermittent noise goal (LA10)

- [2] Continuous noise goal (LAeq)

Air

Air quality monitoring was conducted during March 2020.

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

Table 3: Air Quality Monitoring Data

Location	Project Wide Air Quality Criteria & Goals ^[1]			Monitoring results	Comments
	Criterion	Air Quality Indicator	Goal		
Roma St Precinct/ Northern Portal	Nuisance	Deposited dust	120 mg/m ² /day	13.3 mg/m ² /day	Air quality monitoring was performed during the reporting period. All construction-related monitoring adhered to project requirements.
Albert St Precinct				20.0 mg/m ² /day	
Woolloongabba Precinct				26.7 mg/m ² /day	
Boggo Rd Precinct/ Southern Portal				56.6 mg/m ² /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.

CBGU JV also reviewed the DES air quality results for PM₁₀ from nearby air quality stations during the reporting period. The results were as follows:

- Brisbane CBD: PM₁₀ daily Maximum average: **30.7 µg/m³** (<https://apps.des.qld.gov.au/air-quality/chart/?station=cbd¶meter=18&date=1/03/2020&timeframe=month>)
- South Brisbane: PM₁₀ daily Maximum average: **31.6 µg/m³** (<https://apps.des.qld.gov.au/air-quality/chart/?station=sbr¶meter=18&date=1/03/2020&timeframe=month>)
- Woolloongabba: PM₁₀ daily Maximum average: **37.2 µg/m³** (<https://apps.des.qld.gov.au/air-quality/chart/?station=woo¶meter=18&date=1/03/2020&timeframe=month>)

The graphical representation of the DES 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 Brisbane CBD, Woolloongabba and Boggo Rd worksites.

Particle PM10 at Brisbane CBD, 1–31 March 2020 [about Particle PM10](#)



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

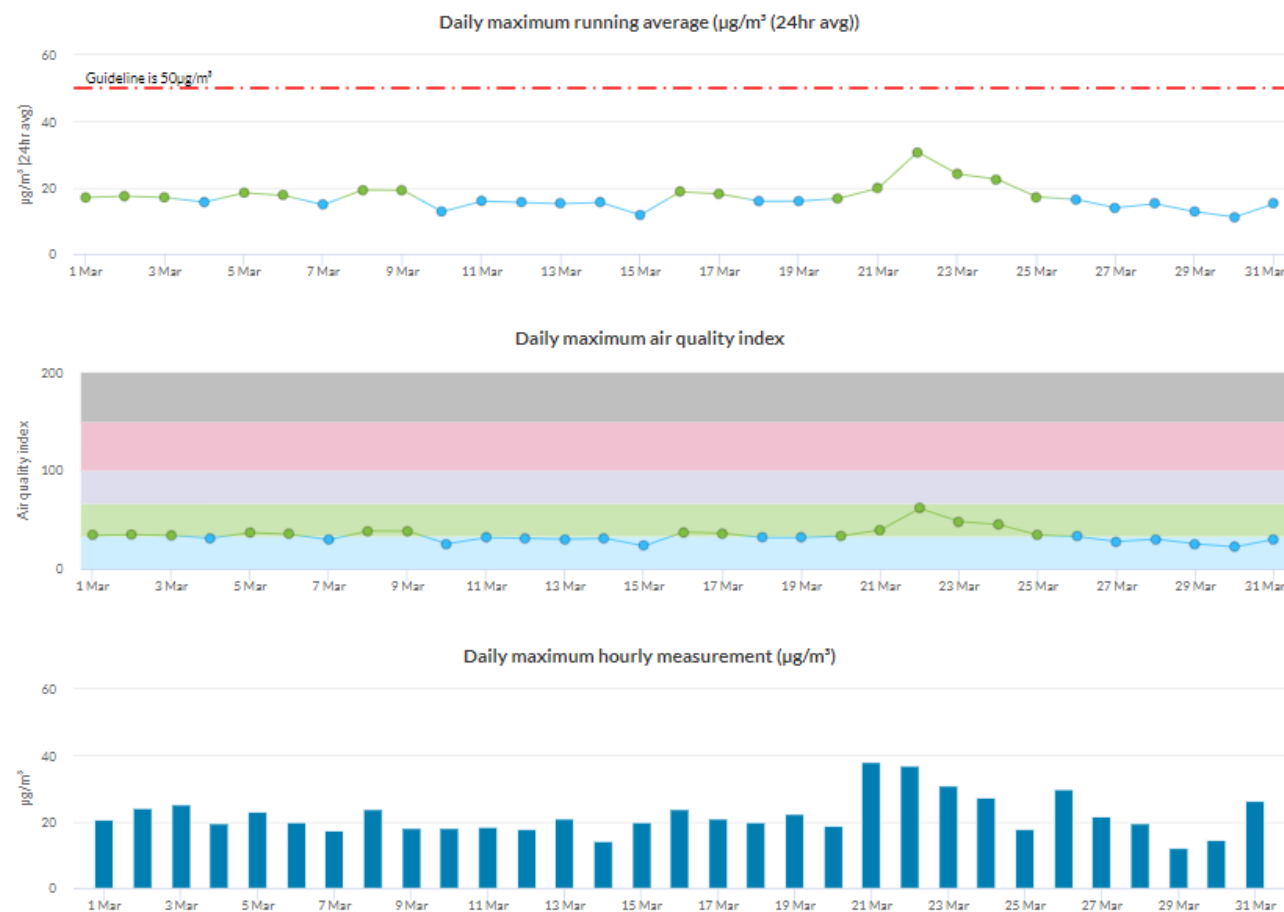


Figure 1: Brisbane CBD – DES Station - PM10 graph for March 2020 (reproduction from the DES website accessed April 2020)

Particle PM₁₀ at South Brisbane, 1–31 March 2020 [about Particle PM₁₀](#)



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

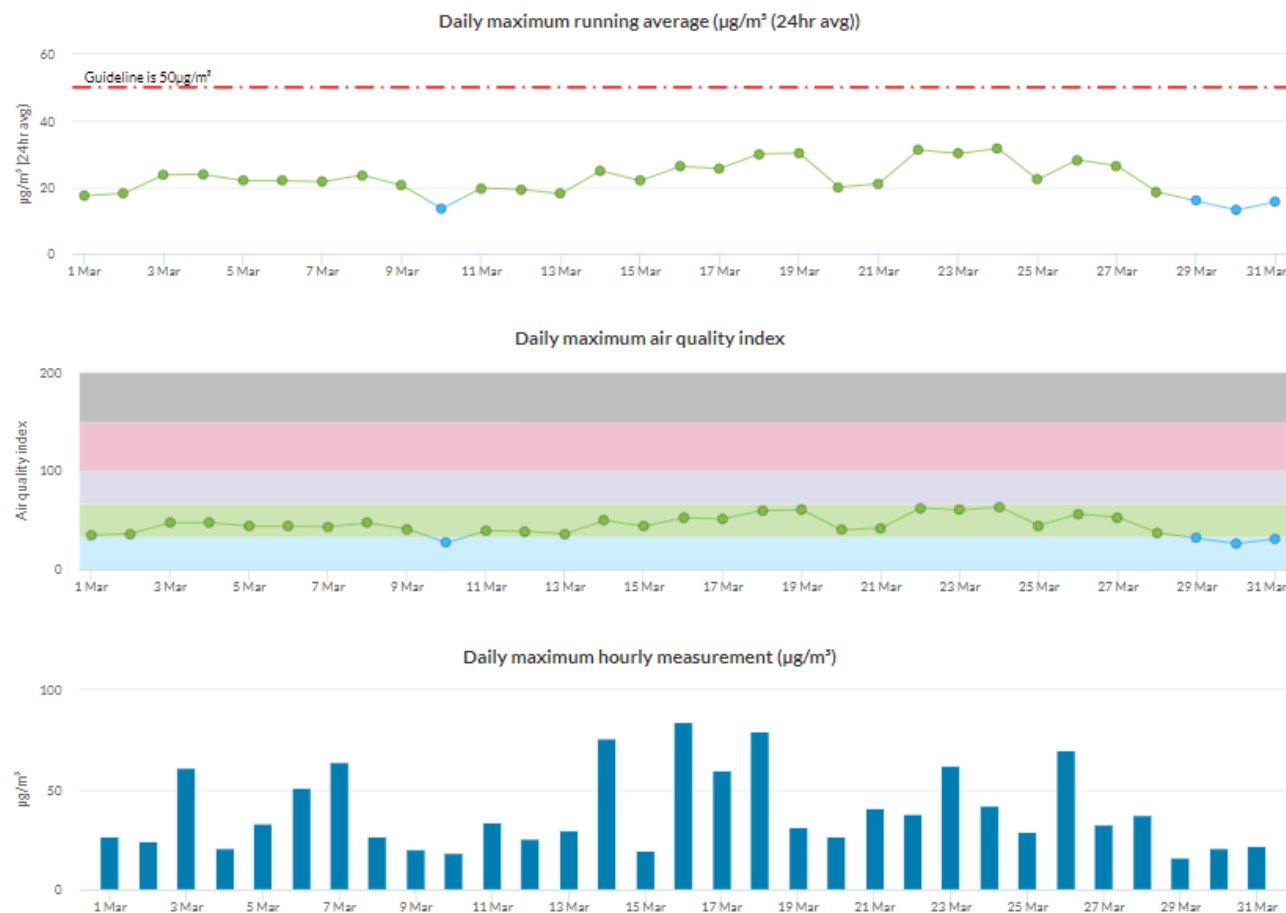


Figure 2: South Brisbane – DES Station - PM₁₀ graph for March 2020 (reproduction from the DES website accessed April 2020)

Particle PM₁₀ at Woolloongabba, 1–31 March 2020 [about Particle PM₁₀](#)

[Woolloongabba station overview](#)

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

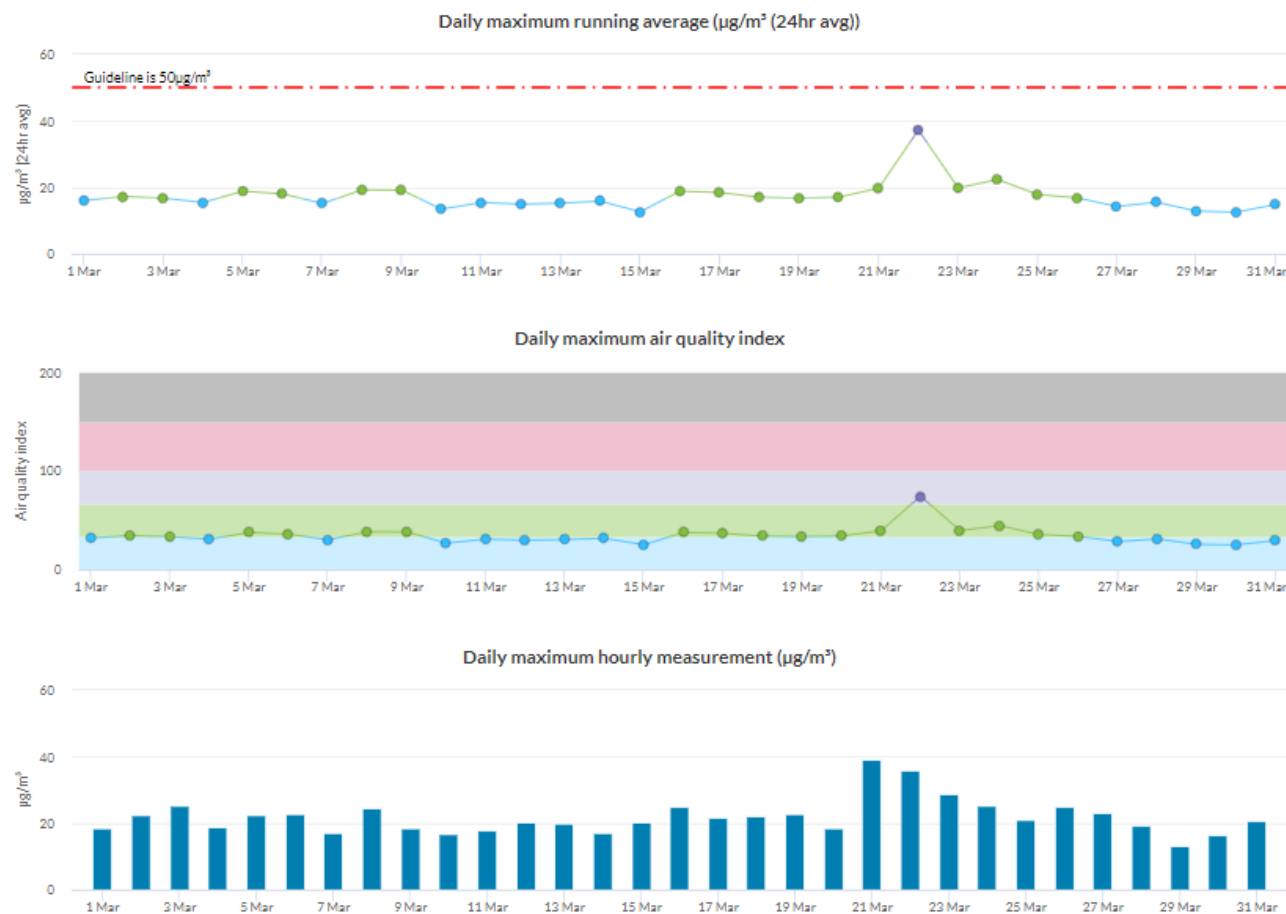


Figure 3: Woolloongabba – DES Station - PM₁₀ graph for March 2020 (reproduction from the DES website accessed March 2020)

Water Quality

Water quality monitoring was conducted (prior to release from site) during March 2020.

Water quality monitoring data is provided in the table below.

Table 4: Water Quality Monitoring Data

Location	Date	Water Quality Objectives											Adhered to Project Requirements (Yes / No)
		pH (units)	Suspended solids (mm/L)	Turbidity (NTU)	Ammonia N (µg/L)	Oxidised N (µg/L)	Organic N (µg/L)	Total nitrogen (µg/L)	Total phosphorus (µg/L)	Filterable reactive phosphorus (µg/L)	Chlorophyll a (µg/L)	Dissolved oxygen (%)	
Gabba	11/03/2020	7.35	29^	7.89	100#	640#	900#	1600#	10	<10	<1	96.82	Yes

The project's discharge procedure is designed to minimise environmental impact and aim 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.

^ Adhered to project requirements in regard to aiming to achieve the water quality objective. Suspended solids were sampled prior to discharge. Water discharge is a protracted process which in time the suspended solids would have continued to reduce. The Suspended Solids are demonstrated to be below the level of the receiving environment (demonstrated within Table 5 below) and lower than the construction "Urban Stormwater Quality Planning Guidelines" (DERM 2010) referred to in Section 3.1.4 of the Brisbane River estuary environmental values and water quality objectives document.

Nutrient levels adhered to project requirements in regard to aiming to achieve the water quality objective. 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 (eg fauna occupying ponded water-body) rather than related to construction activities.

During March 2020, CBGU JV undertook two (2) rounds of surface water sampling at five (5) locations (upstream and downstream).

The monitoring locations are representative of the broader catchment and since no significant offsite discharges were occurring at the time of monitoring, no results are attributed to the project.

Table 5: Offsite Upstream & Downstream Water Quality Data

Location	Date	Purpose of Monitoring	Turbidity (NTU)	Suspended solids (mg/L)	EC ($\mu\text{S}/\text{cm}$)	Dissolved oxygen (%)	pH	Adhered to Project Requirements (Yes / No)
Albert Street - Upstream	10/03/2020	Post Rainfall	108.00	94.00	>3999	71.41	7.60	Yes
Albert Street - Downstream	10/03/2020	Post Rainfall	63.20	32.00	>3999	75.04	7.59	Yes
Roma Street - Upstream	10/03/2020	Post Rainfall	55.80	62.00	>3999	76.25	7.65	Yes
Roma Street - Downstream	10/03/2020	Post Rainfall	53.70	41.00	>3999	75.04	7.68	Yes
Boggo Road*	11/03/2020	Post Rainfall	20.20	10.00	>3999	70.20	7.41	Yes
Gabba - Upstream	11/03/2020	Post Rainfall	34.00	47.00	>3999	79.88	7.73	Yes
Gabba - Downstream	11/03/2020	Post Rainfall	24.10	20.00	>3999	82.30	7.76	Yes
Albert Street - Upstream	19/03/2020	Monthly	43.10	27.00	>3999	99.25	7.72	Yes
Albert Street - Downstream	19/03/2020	Monthly	42.90	30.00	>3999	83.51	7.82	Yes
Boggo Road*	20/03/2020	Monthly	7.81	10.00	>3999	60.52	7.22	Yes
Gabba - Upstream	20/03/2020	Monthly	28.00	26.00	>3999	84.72	7.85	Yes
Gabba - Downstream	20/03/2020	Monthly	24.50	29.00	>3999	82.30	7.75	Yes
Roma Street - Upstream	20/03/2020	Monthly	31.10	26.00	>3999	82.30	7.82	Yes

Roma Street - Downstream	20/03/2020	Monthly	41.30	30.00	>3999	79.88	7.87	Yes
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* 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.

Non-Compliances

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.

Non- Compliance Events Summary

Table 6: 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
Nil for this reporting period					

Complaints

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

Table 7: Summary of Complaints

Date	Location	Issue	CGCR Non-Compliance	Status of Event
03/03/2020	George Street	Noise – Standard hours	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
05/03/2020	North Quay	Noise and vibration	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
05/03/2020	Corner Albert and Mary Streets	Noise – Out of hours	A complaint was raised regarding project works undertaken during evening hours. Noise monitoring confirmed that works adhered to project requirements.	Closed
09/03/2020	Albert Street	Noise – Standard hours	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
09/03/2020	Albert Street	Noise – Out of hours	A complaint was raised regarding project works undertaken during night hours. Noise monitoring confirmed that works adhered to project requirements.	Closed

Date	Location	Issue	CGCR Non-Compliance	Status of Event
11/03/2020	Corner Albert and Mary Streets	Noise – Out of hours	A complaint was raised regarding project works undertaken during evening hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
11/03/2020	Albert Street	Noise – Out of hours	A complaint was raised regarding project works undertaken during evening hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
12/03/20	George Street	Noise – Standard hours	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
29/03/20	Herschel Street	Noise – Out of hours	A complaint was raised regarding project works undertaken during night hours. Scheduled Out of Hours Work was being undertaken and community notification had been provided.	Closed
29/03/20	Herschel Street	Noise – Out of hours	A complaint was raised regarding project works undertaken during night hours. Scheduled Out of Hours Work was being undertaken and community notification had been provided.	Closed
30/03/20	Albert Street	Noise complaint	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
31/03/20	Herschel Street	Noise – Standard hours	A complaint was raised regarding project works undertaken during standard hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed
31/03/20	Herschel Street	Noise – Out of hours	A complaint was raised regarding project works undertaken during night hours. Attended noise monitoring confirmed that works adhered to project requirements.	Closed

Appendix C – Non-Compliance Event Reports

Five Non-Compliance Events were raised in March 2020. The 14-day reports have been issued to the Coordinator-General and will be uploaded to the website upon acceptance.