



Development at West Kowloon Cultural District

Monthly Environmental Monitoring and Audit
(EM&A) Report for June 2020

6 July 2020

Mott MacDonald
3/F International Trade
Tower
348 Kwun Tong Road
Kwun Tong
Kowloon
Hong Kong

T +852 2828 5757
mottmac.hk

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This Monthly EM&A Report has been reviewed and certified by the Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



CK Wu
Environmental Team Leader (ETL)
West Kowloon Cultural District Authority

Date

13 July 2020

Verified by:



Helen Cochrane
Independent Environmental Checker (IEC)
Meinhardt Infrastructure & Environment Ltd

Date

13 July 2020

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Executive summary

Mott MacDonald Hong Kong Limited (MMHK) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction of M+ Museum Main Works (Contract No.: CC/2015/3A/022) and Lyric Theatre Complex including the Foundation Works (Contract No.: CC/2015/3A/014), L1 Contract (Contract No. CC/2017/3A/030) and L2 Contract (Contract No. CC/2017/3A/031) at West Kowloon Cultural District (WKCD) (The Project) as part of the WKCD development. The Project Proponent is the West Kowloon Cultural District Authority (WKCDA). The construction works and EM&A programme for M+ Museum and Lyric Theatre Complex commenced on 31 October 2015 and 1 March 2016 respectively.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 1 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO.

This Monthly EM&A Report presents the monitoring works at M+ Museum and Lyric Theatre Complex (L1 and L2 Contract) from 1 June to 30 June 2020.

Exceedance of Action and Limit Levels

There was no breach of Action or Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting month.

Implementation of Mitigation Measures

Construction phase weekly site inspections were carried out on 2, 9, 16, 23 and 30 June 2020 for M+ Museum and 3, 10, 17, and 24 June 2020 for Lyric Theatre Complex (L1 and L2 Contract) to confirm the implementation measures undertaken by the Contractors in the reporting month. The outcomes are presented in Section 4 and the status of implementation of mitigation measures in the site is shown in **Appendix J**.

Landscape and visual impact inspections were conducted as part of the abovementioned weekly site inspections during the reporting month. No adverse comment on landscape and visual aspects was made during these inspections.

FEHD site inspection with the contractor was conducted on 29 June 2020 at M+ Museum.

FEHD site inspections with contractor were conducted on 5 and 26 June 2020 at Lyric Theatre Complex (L1 and L2 Contract).

Record of Complaints

No environmental complaint was recorded in the reporting month.

Record of Notifications of Summons and Successful Prosecutions

No notifications of summons and successful prosecutions were recorded in the reporting month.

Future Key Issues

The major site works for M+ Museum scheduled to be commissioned in the coming month include:

- MEP
 - BEL, BLT, ELV, BFS, BPD, BME works from G/F to 15/F of RDE
 - MEP works at CSF building majority finished
 - T&C for M+ / CSF
- ABWF
 - M+ B2F – 3/F Installation curtains, finishes make good, door & floor finishes installation
 - M+ Tower – paint/sealer, plaster, toilets / sanitary fitment installation, make good & finishes works
 - CSF – majority ABWF works at CSF accomplished, make good & defect rectification
 - RDE up to 15MF – blockwall, plastering, Artwall/drywall stud erection, False ceiling sub-frame installation, paving & flooring works
- Others
 - M+ G/F - Paving works, landscaping works (soil mix)
 - M+ 3F Podium Roof - landscaping works (soil mix, planting), drainage mat

The major site works for L1 scheduled to be commissioned in the coming month include:

- Excavation and Lateral Support works
- Extended basement structure construction
- Box culvert outfall to Victoria Harbour (PIW works)
- Austin Road West Lay-by (PIW Works)
- Cofferdam at the M+ Museum to LTC interface on the waterfront

The major site works for L2 scheduled to be commissioned in the coming month include:

- Visual Mock Up
 - VMU interior work
- LTC construction
 - Structure
 - Install and erection tower crane
 - Waterproofing to RC structure
 - Construct B2 zones
 - Falsework and Formwork Erection
 - Reinforcement work
 - Concrete work
 - BS Installation
- ASDA and Lyric Theatre Promenade
 - Structure works
- Remaining Works for M+ Promenade South

- Site Clearance
 - Construct concrete slats deck
- DSC Cofferdam
 - Connection of DCS pipes
 - Construction of valve chamber, thrust blocks etc.
 - Back fill and removal of struts
- Modification to Existing Pump Cell
 - Re-provision of Sea Water Pump Cell
- Extended Basement
 - AWBF works
 - BS installation
- Vibration Isolation Spring System Installation
 - Install Isolation Spring on B2
 - Install Remaining Spring
- Under Pass and Associated Area
 - ABWF works
- Water Main at Promenade Installation

Potential environmental impacts due to the construction activities, including air, noise, water quality, waste, landscape and visual, will be monitored or reviewed. The recommended environmental mitigation measures shall be implemented on site and regular inspections as required will be carried out to ensure that the environmental conditions are acceptable.

1 Introduction

1.1 Background

Mott MacDonald Hong Kong Limited (MMHK) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction of M+ Museum Main Works (Contract No.: CC/2015/3A/022) and Lyric Theatre Complex including the Foundation Works (Contract No.: CC/2015/3A/014), L1 Contract (Contract No. CC/2017/3A/030) and L2 Contract (Contract No. CC/2017/3A/031) at West Kowloon Cultural District (WKCD) (The Project) as part of the WKCD development. The Project Proponent is the West Kowloon Cultural District Authority (WKCDA). The construction works and EM&A programme for M+ Museum and Lyric Theatre Complex commenced on 31 October 2015 and 1 March 2016 respectively.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 1 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary also falls under this same category.

The M+ Museum development aims to provide an iconic presence for the M+ Museum, semi-transparent vertical plane, housing education facilities, a public restaurant and museum offices. At ground and lower levels, generous access will be provided to the park and other West Kowloon Cultural District facilities, alongside a public resource centre, theatres, retail and dining, and back-of-house functions.

The 1,200-seat Lyric Theatre Complex will be Hong Kong’s first world-class facility for dance performances, including ballet, contemporary and Chinese dance forms. In the run up to the opening of further major performing arts venues in the WKCD, it will also be used for a wide variety of performing arts events including drama, opera and musical performances. The Lyric Theatre Complex will act as a platform for Hong Kong’s leading arts organisations and be a new major venue to show programmes from Asia and worldwide.

The Monthly EM&A Report is prepared in accordance with the Condition 3.4 of the Environmental Permit No. EP-453/2013/B. This Monthly EM&A Report presents the monitoring works at M+ Museum and Lyric Theatre Complex (L1 and L2 Contract) from 1 June to 30 June 2020. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

1.3 Environmental Status in the Reporting Period

During the reporting period, construction works at M+ Museum undertaken include:

- Structure
 - M+ Podium: Structural works completed
 - CSF RF: Structural works completed
 - RDE RF: Structural works completed
- MEP
 - BEL, BLT, ELV, BFS, BPD, BME works from G/F to 15/F of RDE
 - MEP works at CSF building majority finished
 - T&C for M+ / CSF
- ABWF
 - M+ B2F – 3/F Basement & Podium, finishing & Paving works, toilets / sanitary fitment installation, make good & finishes works
 - M+ Tower – paint/sealer, plaster, toilets / sanitary fitment installation, make good & finishes works
 - CSF – majority ABWF works at CSF accomplished, make good & defect rectification
 - RDE up to 15MF – blockwall, plastering, Artwall/drywall stud erection, False ceiling sub-frame installation, paving & flooring works
- Others
 - M+ G/F - Paving works
 - M+ 3F Podium Roof - landscaping works (soil mix, planting), drainage mat / cable installation
 - Paving works at M+ 1/F, G/F

During the reporting period, construction works at L1 undertaken include:

- Excavation and Lateral Support works
- Extended basement structure construction
- Box culvert outfall to Victoria Harbour (PIW works)
- Austin Road West Lay-by (PIW Works)
- Cofferdam at the M+ Museum to LTC interface on the waterfront

During the reporting period, construction works at L2 undertaken include:

- Visual Mock Up
 - VMU interior work
- LTC construction
 - Structure
 - Install and erection tower crane
 - Waterproofing to RC structure
 - Construct B2 zones
 - Falsework and Formwork Erection

- Reinforcement work
- Concrete work
- BS Installation
 - LV Switch Room 2 fix installation
 - Irrigation water tank and pump room fix installation
- ASDA and Lyric Theatre Promenade
 - Structure works
- DSC Cofferdam A
 - Connection of DCS pipes
- Modification to Existing Pump Cell
 - Re-provision of Sea Water Pump Cell
- Extended Basement
 - AWBF works
 - BS installation
- Vibration Isolation Spring System Installation
- Under Pass and Associated Area
 - ABWF works
- Water Main at Promenade Installation

The Construction Works Programme of M+ Museum and Lyric Theatre Complex (L1 and L2 Contract) is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**. Please refer to **Table 4.4**, **Table 4.5** and **Table 4.6** on the status of the environmental licenses.

1.4 Summary of EM&A Requirements

The EM&A programme requires environmental monitoring of air quality, noise, landscape and visual as specified in the approved EM&A Manual.

A summary of impact EM&A requirements is presented in **Table 1.1**.

Table 1.1: Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies
Air Quality	24-Hour TSP	AM1 - International Commerce Centre	At least once every 6 days
	1-Hour TSP	AM1 - International Commerce Centre	At least 3 times every 6 days
	24-Hour TSP	AM2 - The Harbourside Tower 1	At least once every 6 days
	1-Hour TSP	AM2 - The Harbourside Tower 1	At least 3 times every 6 days
Noise	Leq, 30 minutes	NM1- The Harbourside Tower 1	Weekly
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly

Given that the Project covers only a small part of the whole WKCD area (i.e. M+ Museum, Lyric Theatre Complex and respective portions of underpass road), it was proposed that the EM&A programme for the Project should only require 1 noise monitoring station and 2 air quality monitoring stations located closest to the Project area. Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring stations AM1, AM2 and NM1 were set up. Other monitoring locations are too far away (i.e. AM3 to AM5 and NM2 to NM5) are not included in this EM&A programme until the construction of the corresponding area commences.

The Harbourside management office formally rejected our proposal of setting up air quality and noise monitoring equipment on its premises at the podium level of Tower 1 (AM2/NM1) on 10 November 2015. Alternative noise monitoring location was identified at The Arch (NM2), however The Arch management office formally rejected our proposal of setting up noise monitoring equipment on its premises on 23 November 2015. Nevertheless, suitable air quality monitoring location at AM2 was identified on the ground floor in front of The Harbourside Tower 1, which is at the same location as that of baseline monitoring for consistency. No management approval is required at the ground floor for conducting the air monitoring. However, the electricity supply at AM2 was suspended from 31 August 2016 and was no longer available. In order to have a more secure electricity supply, an alternative air monitoring location (AM2A) was identified at Austin Road West opposite to The Harbourside Tower 1, which is close to Lyric Theatre Complex site entrance. This alternative air monitoring location was approved by EPD on 28 September 2016. Due to works programme, the air monitoring location AM2A has been relocated to the alternative monitoring location AM2B at the 1st floor of Gammon's site office, which was approved by EPD on 21 February 2019. Meanwhile, the opportunity of setting up the air monitoring location at The Harbourside is being explored. Noise monitoring at G/F of Harbourside will not be representative. Approval from the management office of the International Commerce Centre has been granted on 29 February 2016 for conducting noise monitoring at the alternative noise monitoring location identified at the podium floor (NM1A) which is free from screening to the construction activities. Therefore, 2 air quality monitoring stations and 1 noise impact monitoring station were confirmed for the impact monitoring.

The Environmental Quality Performance Limits for air quality and noise are shown in **Appendix C**.

The Event and Action Plan for air quality, construction noise, and landscape and visual are shown in **Appendix D**.

The EM&A programme followed the recommended mitigation measures in the EM&A Manual. The EM&A requirements as well as the summary of implementation status of the environmental mitigation measures are provided in **Appendix J**.

2 Impact Monitoring Methodology

2.1 Introduction

For air quality and noise, the monitoring methodology, including the monitoring locations, monitoring equipment used, monitoring parameters, and frequency and duration etc., for air quality and noise are detailed in this Section. The environmental monitoring schedules for the reporting period and the tentative monitoring Schedule for the coming month are provided in **Appendix E**.

For landscape and audit impact, the relevant EM&A monitoring requirements and details are also presented in this Section.

2.2 Air Quality

2.2.1 Monitoring Parameters, Frequency and Duration

Table 2.1 summarizes the monitoring parameters, frequency and duration of the TSP monitoring.

Table 2.1: Air Quality Monitoring Parameters, Frequency and Duration

Parameter	Frequency	Duration
24-hour TSP	At least once in every six-days	24 hours
1-hour TSP	At least 3 times every six-days	60 minutes

2.2.2 Monitoring Locations

Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring stations AM1 and AM2B were set up at the proposed locations in accordance with updated EM&A Manual. Location of the monitoring station is given in **Table 2.2** and shown in **Figure 1**.

Table 2.2: Air Quality Monitoring Station

Monitoring Station	Location
AM1	International Commerce Centre (ICC)
AM2B	1st Floor of Gammon's Site Office

2.2.3 Monitoring Equipment

Continuous 24-hour TSP air quality monitoring was conducted using High Volume Sampler (HVS) (Model: TE-5170) located at the designated monitoring station. The HVS meets all the requirements stated in of the EM&A Manual. Portable direct reading dust meter was used to carry out the 1-hour TSP monitoring. **Table 2.3** summarizes the equipment used in the impact air quality monitoring. Copies of the calibration certificates for the HVS, calibration kit and portable dust meters are attached in **Appendix F**.

Table 2.3: TSP Monitoring Equipment

Equipment	Model
24-hour TSP monitoring	
High Volume Sampler	TE-5170 (Serial No.: 0767 and 8919)
Calibrator	TE-5025A (Orifice I.D.: 2454)
1-hour TSP monitoring	
Portable direct reading dust meter	Sibata LD-3B (Serial No.: 235780 and 6Z7784)

Calibration of the HVS (five point calibration) using Calibration Kit was carried out every two months. The HVS calibration orifice will be calibrated annually. Calibration certificate of the TE-5025A Calibration Kit and the HVS are provided in **Appendix F**.

The 1-hour TSP monitoring should be determined periodically (e.g. annually) by the HVS to check the validity and accuracy of the results measured by direct reading method.

2.2.4 Monitoring Methodology

24-hour TSP Monitoring

Installation

The HVS was installed at the site boundary. The following criteria were considered in the installation of the HVS.

- A horizontal platform with appropriate support to secure the sampler against gusty wind was provided.
- The distance between the HVS and any obstacles, such as buildings, was at least twice the height that the obstacle protrudes above the HVS.
- A minimum of 2 metres separation from walls, parapets and penthouse was required for rooftop sampler.
- A minimum of 2 metres separation from any supporting structure, measured horizontally was required.
- No furnace or incinerator flues or building vent were nearby.
- Airflow around the sampler was unrestricted.
- The sampler has been more than 20 metres from any drip line.
- Permission was obtained to set up the sampler and to obtain access to the monitoring station.
- A secured supply of electricity is needed to operate the sampler.

Preparation of Filter Papers

- Glass fibre filters were labelled and sufficient filters that were clean and without pinholes were selected.
- The filters used are specified to have a minimum collection efficiency of 99 percent for 0.3 µm (DOP) particles.
- All filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25 °C and not variable by more than ±3 °C with relative humidity (RH) < 50% and was not variable by more than ±5 %. A convenient working RH was 40%. All preparation of filters was done by Hong Kong Laboratory Accreditation Scheme (HOKLAS) accredited laboratory.

Field Monitoring Procedures

- The power supply was checked to ensure the HVS works properly.
- The filter holder and the area surrounding the filter were cleaned.
- The filter holder was removed by loosening the four bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully.
- The filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter.
- The swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges.
- The shelter lid was closed and was secured with the aluminium strip.
- The HVS was warmed-up for about 5 minutes to establish run-temperature conditions.
- A new flow rate record sheet was set into the flow recorder.
- The flow rate of the HVS was checked and adjusted at around 1.3 m³/min. The range specified in the EM&A Manual was between 0.6-1.7 m³/min.
- The programmable timer was set for a sampling period of 24 hours, and the starting time, weather condition and the filter number were recorded.
- The initial elapsed time was recorded.
- At the end of sampling, the sampled filter was removed carefully and folded in half length so that only surfaces with collected particulate matter were in contact.
- It was then placed in a clean plastic envelope and sealed.
- All monitoring information was recorded on a standard data sheet.
- Filters were sent to a Hong Kong Laboratory Accreditation Scheme (HOKLAS) accredited laboratory for analysis.

Maintenance and Calibration

- The HVS and its accessories are maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.
- HVSs were calibrated upon installation and thereafter at bi-monthly intervals. The calibration kits were calibrated annually.
- Calibration records for HVS and calibration kit are shown in **Appendix F**.

1-hour TSP Monitoring

Field Monitoring

The measuring procedures of the 1-hour dust meter are in accordance with the Manufacturer's Instruction Manual as follows:

- Turn the power on.
- Close the air collecting opening cover.
- Push the "TIME SETTING" switch to [BG].
- Push "START/STOP" switch to perform background measurement for 6 seconds.
- Turn the knob at SENSI ADJ position to insert the light scattering plate.
- Leave the equipment for 1 minute upon "SPAN CHECK" is indicated in the display.
- Push "START/STOP" switch to perform automatic sensitivity adjustment. This measurement takes 1 minute.
- Pull out the knob and return it to MEASURE position.
- Setting time period of 1 hour for the 1-hour TSP measurement.
- Push "START/STOP" to start the 1-hour TSP measurement.

- Regular checking of the time period setting to ensure monitoring time of 1 hour.

Maintenance and Calibration

- The 1-hour dust meter would be checked at 3-month intervals and calibrated at 1-year intervals throughout all stages of the air quality monitoring.
- Calibration records for direct dust meters are shown in **Appendix F**.

Weather Condition

- Meteorological data extracted from Hong Kong Observatory for the reporting month is provided in **Appendix H**.

2.3 Noise

2.3.1 Monitoring Parameters, Frequency and Duration

Table 2.4 summarizes the monitoring parameters, frequency and duration of noise monitoring. The noise in A-weighted levels L_{eq} , L_{10} and L_{90} are recorded in a 30-minute interval between 0700 and 1900 hours.

Table 2.4: Noise Monitoring Parameters, Period and Frequency

Time Period	Parameters	Frequency
Daytime on normal weekdays (0700-1900 hours)	L_{eq} (30 min), L_{90} (30 min) & L_{10} (30 min)	Once every week

2.3.2 Monitoring Location

Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring station NM1A was set up at the proposed location in accordance with updated EM&A Manual. Location of the monitoring station is given in **Table 2.5** and shown in **Figure 1**.

Table 2.5: Noise Monitoring Station

Monitoring Station	Location
NM1A	International Commerce Centre (ICC)

2.3.3 Monitoring Equipment

Integrating Sound Level Meter was used for noise monitoring. It was a Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level (L_{Aeq}) and percentile sound pressure level (L_x). They comply with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). **Table 2.6** summarizes the noise monitoring equipment model being used.

Table 2.6: Noise Monitoring Equipment

Monitoring Station	Equipment Model	
	Integrating Sound Level Meter	Calibrator
NM1A	Rion NL-52 (Serial No. 00175561)	LARSON DAVIS CAL200 (Serial No. 11334)

2.3.4 Monitoring Methodology

Field Monitoring

- The microphone of the Sound Level Meter was set at least 1.2 m above the ground.
- Free Field measurement was made at the monitoring locations.
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
 - frequency weighting: A
 - time weighting: Fast
 - time measurement: 30 minutes intervals (between 0700-1900 on normal weekdays)
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1 kHz. If the difference in the calibration level before and after measurement was more than 1 dB, the measurement would be considered invalid and has to be repeated after re-calibration or repair of the equipment.
- During the monitoring period, the L_{eq} , L_{10} and L_{90} were recorded. In addition, any site observations and noise sources were recorded on a standard record sheet.
- A correction of +3dB(A) was made to the free field measurements.

Maintenance and Calibration

- The microphone head of the sound level meter and calibrator is cleaned with soft cloth at quarterly intervals.
- The sound level meter and calibrator are sent to the supplier or HOKLAS laboratory to check and calibrate at yearly intervals.
- Calibration records are shown in **Appendix F**.

Weather Condition

- Meteorological data extracted from Hong Kong Observatory for the reporting month is provided in **Appendix H**.

2.4 Landscape and Visual

2.4.1 Monitoring Program

Table 2.7 details the monitoring program (as proposed in the WKCD EIA report) for landscape and visual impact during the construction phase.

Table 2.7: Monitoring Program for Landscape and Visual Impact during Construction Phase

Stage	Monitoring Task	Frequency	Report	Approval
Construction	Monitor implementation of proposed mitigation measures during the construction stage.	Bi-weekly	ET to report on Contractor's compliance	Counter-signed by IEC

During the landscape and visual impact monitoring, any changes in relation to the landscape and visual amenity should be monitored with reference to the baseline conditions of the site. In addition, mitigation measures were proposed in the WKCD EIA report to minimise the landscape and visual impacts during the construction phase. The proposed mitigation measures as shown in Table 9.1 and Table 9.2 of the EM&A Manual should be checked for proper implementation.

3 Monitoring Results

3.1 Impact Monitoring

Construction impact monitoring for air quality, noise and landscape and visual impact was undertaken in compliance with the EM&A Manual during the reporting month.

3.2 Air Quality Monitoring

3.2.1 1-hour TSP

Results of 1-hour TSP at the monitoring location AM1 and AM2B are summarised in **Table 3.1**. Graphical plots of the monitoring results are shown in **Appendix G**.

Table 3.1: Summary of 1-hour TSP monitoring results

Monitoring Station	Monitoring Date	Start Time	1-hour TSP ($\mu\text{g}/\text{m}^3$)			Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
			1st Result	2nd Result	3rd Result			
AM1	02-Jun-20	8:12	33	29	28	14-33	273.7	500
	08-Jun-20	13:22	21	29	26			
	12-Jun-20	13:27	24	29	30			
	18-Jun-20	13:15	27	29	33			
	24-Jun-20	8:14	25	29	33			
	30-Jun-20	8:17	14	20	24			
AM2B	02-Jun-20	8:26	45	49	52	28-60	274.2	500
	08-Jun-20	13:37	29	34	32			
	12-Jun-20	13:42	60	51	48			
	18-Jun-20	13:30	36	40	42			
	24-Jun-20	8:30	36	41	44			
	30-Jun-20	8:32	29	34	28			

3.2.2 24-hour TSP

Results of 24-hour TSP at the monitoring location AM1 and AM2B are summarised in **Table 3.2**. Graphical plots of the monitoring results are shown in **Appendix G**.

Table 3.2: Summary of 24-hour TSP monitoring results

Monitoring Station	Monitoring Date	Start Time	Monitoring Results ($\mu\text{g}/\text{m}^3$)	Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
AM1	02-Jun-20	8:10	22	11-49	143.6	260
	08-Jun-20	8:20	49			
	12-Jun-20	8:25	26			
	18-Jun-20	8:12	21			
	24-Jun-20	8:12	20			
	30-Jun-20	8:15	11			
AM2B	02-Jun-20	8:24	34	28-34	151.1	260
	08-Jun-20	8:35	29			

Monitoring Station	Monitoring Date	Start Time	Monitoring Results ($\mu\text{g}/\text{m}^3$)	Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
	12-Jun-20	8:40	28			
	18-Jun-20	8:27	28			
	24-Jun-20	8:27	34			
	30-Jun-20	8:30	29			

No exceedance of 1-hour and 24-hour TSP (Action or Limit Level) was recorded in the reporting period.

3.3 Noise Monitoring

The construction noise monitoring results at the monitoring location NM1A are summarized in **Table 3.3**. Graphical plots of the monitoring data and the station set-up of a free-field measurement are shown in **Appendix G**.

Table 3.3: Summary of noise monitoring results during normal weekdays

Monitoring Date	Start Time	End Time	L_{eq} (30 mins)*, dB(A)	Limit Level for L_{eq} (dB(A))
02-Jun-20	10:30	11:00	68	
08-Jun-20	10:02	10:32	68	
18-Jun-20	10:35	11:05	69	75
24-Jun-20	10:35	11:05	69	
30-Jun-20	10:38	11:08	69	

Remarks:

* +3dB (A) correction was applied to free-field measurement.

No exceedance (Action/Limit Level) of construction noise was recorded in the reporting period.

3.4 Landscape and Visual Impact

Landscape and visual impact inspections were conducted as part of the weekly site inspections on 9 and 23 June 2020 for M+ Museum, and 3 and 17 June 2020 for Lyric Theatre Complex (L1 and L2 Contract) during the reporting month. As reviewed by the registered Landscape Architect, no adverse comment on landscape and visual aspects was made during these inspections.

The landscape and visual mitigation measures were implemented during the reporting period. The summary of implementation status of the environmental mitigation measures is provided in **Appendix J**.

4 Environmental Site Inspection

4.1 Site Inspection

4.1.1 M+ Museum

Construction phase weekly site inspections were carried out on 2, 9, 16, 23 and 30 June 2020. The joint site inspection with IEC, ET, ER and Contractor was held on 23 June 2020. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary.

FEHD site inspection with contractor was conducted on 29 June 2020. No adverse comment was made by FEHD. FEHD just reminded the contractor to seal off the opening of the water barrier to avoid mosquito breeding.

The key observations from the site inspections and associated recommendations are summarized in **Table 4.1**.

Table 4.1: Summary of Site Inspections and Recommendations for M+ Museum

Inspection Date	Parameter	Observation / Recommendation	Contractor's Responses / Action(s) Undertaken	Close-out (Date)
02-Jun-20	Water Quality	Algae was observed at wetsep. The contractor was reminded to clear the algae to keep good quality of discharge water.	The contractor has cleared the algae at the wetsep.	05-Jun-20
02-Jun-20	Water Quality	Effluent quality of wetsep was checked. It was found visually clear when compared with standard solution and within proper pH range.	N/A	N/A
09-Jun-20	Waste Management	Stagnant water was observed at drip tray. The contractor was reminded to clean up the water to prevent leakage of chemical.	Stagnant water inside the drip tray has cleaned up.	09-Jun-20
09-Jun-20	Noise Impact	Breaker was observed without noise-insulating fabric. The contractor was reminded to provide noise-insulating fabric to reduce noise impact.	The contractor has provided noise-insulating fabric for the breaker.	09-Jun-20
09-Jun-20	Water Quality	Effluent quality of wetsep was checked. It was found visually clear when compared with standard solution and within proper pH range.	N/A	N/A
16-Jun-20	Water Quality	Effluent quality of wetsep was checked. It was found visually clear when compared with standard solution and within proper pH range.	N/A	N/A

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
23-Jun-20	Water Quality	Effluent quality of wetsep was checked. It was found visually clear when compared with standard solution and within proper pH range.	N/A	N/A
30-Jun-20	Air Quality	Sand was observed without cover at Gate 7. The contractor was reminded to cover the sand with impervious sheet to avoid dust impact.		On going
30-Jun-20	Water Quality	The wastewater treatment process was observed not satisfactory. The contractor was reminded to improve the treatment process and keep monitoring.		On going
30-Jun-20	Water Quality	Wetsep maintenance logbook was observed not updated. The contractor was reminded to keep review.		On going

4.1.2 Lyric Theatre Complex

Construction phase weekly site inspections were carried out on 3, 10, 17 and 24 June 2020 (L1 and L2 Contract). The joint site inspection with IEC, ET, ER and Contractor was held on 24 June 2020. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary.

FEHD site inspections with contractor (L1 and L2 Contract) were conducted on 5 and 26 June 2020. No adverse comment and recommendation were made.

The key observations from the site inspections and associated recommendations are summarized in **Table 4.2 and Table 4.3**.

Table 4.2: Summary of Site Inspections and Recommendations for L1

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
27-May-20	Water Quality	The contractor was reminded to enhance the mitigation measures at Area 6 to prevent effluent discharge out of the site boundary.	The contractor has removed the stockpile next to the water barrier and covered the haul road with tarpaulin sheet near CLP station to prevent any muddy water from haul road during travelling of materials.	02-Jun-20
03-Jun-20	Water Quality	Chemicals were observed without drip tray at the main cofferdam. The contractor was reminded to provide suitable drip tray.	The contractor has provided suitable drip tray for the chemicals.	04-Jun-20
03-Jun-20	Air Quality	Dusty haul road was observed at the main cofferdam. The contractor was reminded to increase water spraying frequency to avoid dust impact.	The contractor has increased water spraying frequency to the main cofferdam.	03-Jun-20

Inspection Date	Parameter	Observation / Recommendation	Contactors' Responses / Action(s) Undertaken	Close-out (Date)
10-Jun-20	Air Quality	The contractor was reminded to cover the stockpile near the seafront with impervious sheet to prevent dust impact.	The contractor has covered the stockpile with impervious sheet to prevent dust impact.	11-Jun-20
17-Jun-20	Water Quality	The contractor was reminded to provide mitigation measures at the site boundary to prevent surface water runoff.	The contractor has provided sandbags to prevent surface water runoff.	18-Jun-20

Table 4.3: Summary of Site Inspections and Recommendations for L2

Inspection Date	Parameter	Observation / Recommendation	Contactors' Responses / Action(s) Undertaken	Close-out (Date)
10-Jun-20	Water Quality	Chemicals were observed without drip tray. The contractor was reminded to provide drip tray to prevent leakage of chemical.	The contractor has provided drip tray for the chemicals and covered with canvas to prevent overflow during rainy day.	17-Jun-20

4.2 Advice on the Solid and Liquid Waste Management Status

The Contractors have been registered as a chemical waste producer for the Project. Construction and demolition (C&D) material sorting will be carried out on site. A sufficient number of receptacles were available for general refuse collection.

4.2.1 M+ Museum

As advised by the Contractor, 29.42 tonnes, 426.47 tonnes and 11.98 tonnes of inert C&D material were disposed of at Tuen Mun Area 38, Tseung Kwan O Area 137 Public Fill and Tseung Kwan O Area 137 Sorting Facility. 232.0 tonnes of general refuse were disposed of at SENT landfill. 180.0 tonnes of metal, 0.5 tonnes of paper/cardboard packaging, 0.0 tonne of plastic and 0.0 tonne of timber were collected by recycling contractors in the reporting month. 0.0 tonne of inert C&D material was reused on site. 0.0 tonne of inert C&D material was reused in other projects. 0.0 tonne of chemical waste was collected by licensed contractors in the reporting period.

The cumulative waste generation records for M+ Museum are shown in **Appendix I**.

4.2.2 Lyric Theatre Complex

As advised by the Contractors (L1 and L2 Contract), 526.24 tonnes and 608.09 tonnes of inert C&D material were disposed of at Tseung Kwan O Area 137 and Tuen Mun Area 38 Public Fill respectively, while 210.6 tonnes of general refuse were disposed of at SENT and WENT landfill. 209.0 tonnes of metal, 0.0 tonne of paper/cardboard packaging, 0.6 tonnes of plastic and 0.0 tonne of timber were collected by recycling contractors in the reporting month. 0.0 tonne of inert C&D material was reused on site. 0.0 tonne of inert C&D materials was reused in other projects and 31.5 tonnes of inert C&D material were imported for reuse at site. 0.0 tonne of inert C&D material was disposed to sorting facility and 0.0 tonne of chemical waste was collected by licensed contractors in the reporting period.

The actual amounts of different types of waste generated by the activities of construction works at Lyric Theatre Complex in the reporting month are shown in **Appendix I**.

4.3 Status of Environmental Licenses and Permits

The environmental permits, licenses, and/or notifications on environmental protection for this Project which were valid during the period are summarised in **Table 4.4** and **Table 4.5** and **Table 4.6**.

4.3.1 M+ Museum

Table 4.4: Status of Environmental Submissions, Licenses and Permits for M+ Museum

Permit / License No. / Notification / Reference No.	Valid Period		Status	Remarks
	From	To		
Chemical Waste Producer Registration				
WPN5213-217-G2347-53	04-Oct-18	--	Valid	--
Billing Account Construction Waste Disposal				
7031993	03-Oct-18	--	Account Active	--
Construction Noise Permit				
GW-RE0356-20	14-May-20	13-Nov-20	Valid	--
Wastewater Discharge License				
WT-00033363-2019	21-Mar-19	31-Mar-24	Valid	--
Notification under Air Pollution Control (Construction Dust) Regulation				
437339	12-Sep-18	--	Notified	--

4.3.2 Lyric Theatre Complex

Table 4.5: Status of Environmental Submissions, Licenses and Permits for L1

Permit / License No. / Notification / Reference No.	Valid Period		Status	Remarks
	From	To		
Chemical Waste Producer Registration				
WPN5213-217-G2347-39	17-Feb-16	--	Valid	--
Billing Account Construction Waste Disposal				
7029925	22-Jan-18	--	Account Active	--
Construction Noise Permit				
GW-RE0276-20	4-May-20	3-Jul-20	Valid	--
Wastewater Discharge License				
WT-00030694-2018	11-Apr-18	30-Apr-23	Valid	--
Notification under Air Pollution Control (Construction Dust) Regulation				
429708	16-Jan-18	--	Notified	--

Table 4.6: Status of Environmental Submissions, Licenses and Permits for L2

Permit / License No. / Notification / Reference No.	Valid Period		Status	Remarks
	From	To		
Chemical Waste Producer Registration				
WPN5213-217-G2347-39	17-Feb-16	--	Valid	This license/ permit is share with L1
Billing Account Construction Waste Disposal				
7032787	02-Jan-19	--	Account Active	--
Construction Noise Permit				
GW-RE0276-20	4-May-20	3-Jul-20	Valid	This license/ permit is share with L1
Wastewater Discharge License				
WT-00030694-2018	11-Apr-18	30-Apr-23	Valid	This license/ permit is share with L1
Notification under Air Pollution Control (Construction Dust) Regulation				
448474	27-Aug-19	--	Notified	--

4.4 Recommended Mitigation Measures

The EM&A programme followed the recommended mitigation measures in the EM&A Manual. The EM&A requirements as well as the summary of implementation status of the environmental mitigation measures are provided in **Appendix J**. In particular, the following mitigation measures were brought to attention during the site inspections:

4.4.1 M+ Museum

Water Quality

- All drainage facilities should be properly maintained to adequately control site discharges.

Waste Management

- Stagnant water inside the drip tray should be clear regularly to prevent leakage of chemical.

Noise Impact

- Noise insulating fabric should be adopted for PME.

Air Quality

- Dusty materials should be cover entirely by impervious sheeting to avoid dust impact.

4.4.2 Lyric Theatre Complex

L1

Water Quality

- Chemicals should be stored in designated areas which have pollution prevention facilities.
- Channels, earth bunds or sandbag barriers should be provided to prevent effluent discharge out of the site boundary.

Air Quality

- Provide water spraying for active construction areas to avoid dust impact.
- Dusty materials should be cover entirely by impervious sheeting to avoid dust impact.

L2

Water Quality

- Chemicals should be stored in designated areas which have pollution prevention facilities.

5 Compliance with Environmental Permit

The status of the required submission under the EP during the reporting period is summarized in **Table 5.1**.

Table 5.1: Status of Submissions under the Environmental Permit

EP Condition	Submission	Submission Date
Condition 3.4	Monthly EM&A Report for May 2020	12 June 2020

6 Report in Non-compliance, Complaints, Notification of Summons and Successful Prosecutions

6.1 Record on Non-compliance of Action and Limit Levels

There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting month.

6.2 Record on Environmental Complaints Received

No environmental complaint was received in the reporting month. The cumulative statistics on complaints were provided in **Appendix K**.

6.3 Record on Notifications of Summons and Successful Prosecution

No notifications of summons or successful prosecutions were received this month. The cumulative statistics on notifications of summons and successful prosecutions were provided in **Appendix K**.

7 Future Key Issues

7.1 Construction Works for the Coming Month(s)

7.1.1 M+ Museum

The major site works for M+ Museum scheduled to be commissioned in the coming month include:

- MEP
 - BEL, BLT, ELV, BFS, BPD, BME works from G/F to 15/F of RDE
 - MEP works at CSF building majority finished
 - T&C for M+ / CSF
- ABWF
 - M+ B2F – 3/F Installation curtains, finishes make good, door & floor finishes installation
 - M+ Tower – paint/sealer, plaster, toilets / sanitary fitment installation, make good & finishes works
 - CSF – majority ABWF works at CSF accomplished, make good & defect rectification
 - RDE up to 15MF – blockwall, plastering, Artwall/drywall stud erection, False ceiling sub-frame installation, paving & flooring works
- Others
 - M+ G/F - Paving works, landscaping works (soil mix)
 - M+ 3F Podium Roof - landscaping works (soil mix, planting), drainage mat

7.1.2 Lyric Theatre Complex

The major site works for L1 scheduled to be commissioned in the coming month include:

- Excavation and Lateral Support works
- Extended basement structure construction
- Box culvert outfall to Victoria Harbour (PIW works)
- Austin Road West Lay-by (PIW Works)
- Cofferdam at the M+ Museum to LTC interface on the waterfront

The major site works for L2 scheduled to be commissioned in the coming month include:

- Visual Mock Up
 - VMU interior work
- LTC construction
 - Structure
 - Install and erection tower crane
 - Waterproofing to RC structure
 - Construct B2 zones
 - Falsework and Formwork Erection
 - Reinforcement work

- Concrete work

BS Installation

- ASDA and Lyric Theatre Promenade
 - Structure works
- Remaining Works for M+ Promenade South
 - Site Clearance
 - Construct concrete slats deck
- DSC Cofferdam
 - Connection of DCS pipes
 - Construction of valve chamber, thrust blocks etc.
 - Back fill and removal of struts
- Modification to Existing Pump Cell
 - Re-provision of Sea Water Pump Cell
- Extended Basement
 - AWBF works
 - BS installation
- Vibration Isolation Spring System Installation
 - Install Isolation Spring on B2
 - Install Remaining Spring
- Under Pass and Associated Area
 - ABWF works

Water Main at Promenade Installation

7.2 Key Issues for the Coming Month

7.2.1 M+ Museum

Key issues to be considered in the coming month include:

- Generation of dust from construction works;
- Noise impact from operating equipment and machinery on-site;
- Generation of site surface runoffs and wastewater from activities on-site;
- Management of stockpiles and slopes, particularly on rainy days;
- Sorting, recycling, storage and disposal of general refuse and construction waste; and
- Management of chemicals and avoidance of oil spillage on-site.

7.2.2 Lyric Theatre Complex

Key issues to be considered in the coming month include:

- Generation of dust from construction works;
- Noise impact from operating equipment and machinery on-site;
- Generation of site surface runoffs and wastewater from activities on-site;
- Management of stockpiles and slopes, particularly on rainy days;
- Sorting, recycling, storage and disposal of general refuse and construction waste; and
- Management of chemicals and avoidance of oil spillage on-site.

7.3 Monitoring Schedule for the Coming Month

The environmental site inspection and environmental monitoring will be continued in the coming month. Impact monitoring for air quality and noise in accordance with the approved EM&A Manual has commenced since 31 October 2015 and 5 March 2016 respectively. The tentative monitoring schedule for the coming month is shown in the **Appendix E**.

8 Conclusions and Recommendations

8.1 Conclusions

The EM&A programme as recommended in the EM&A Manual has been undertaken since the construction of M+ Museum main works commenced on 31 October 2015, and the construction of Lyric Theatre Complex commenced on 1 March 2016.

Monitoring of air quality and noise with respect to the Projects is underway. In particular, the 1-hour TSP, 24-hour TSP, noise level (as L_{eq} , 30 minutes) under monitoring have been checked against established Action and Limit levels. There was no breach of Action and Limit Levels for 1-hour TSP, 24-hour TSP and noise in the reporting month.

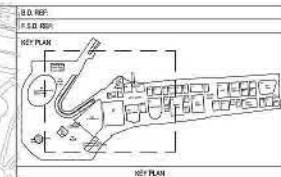
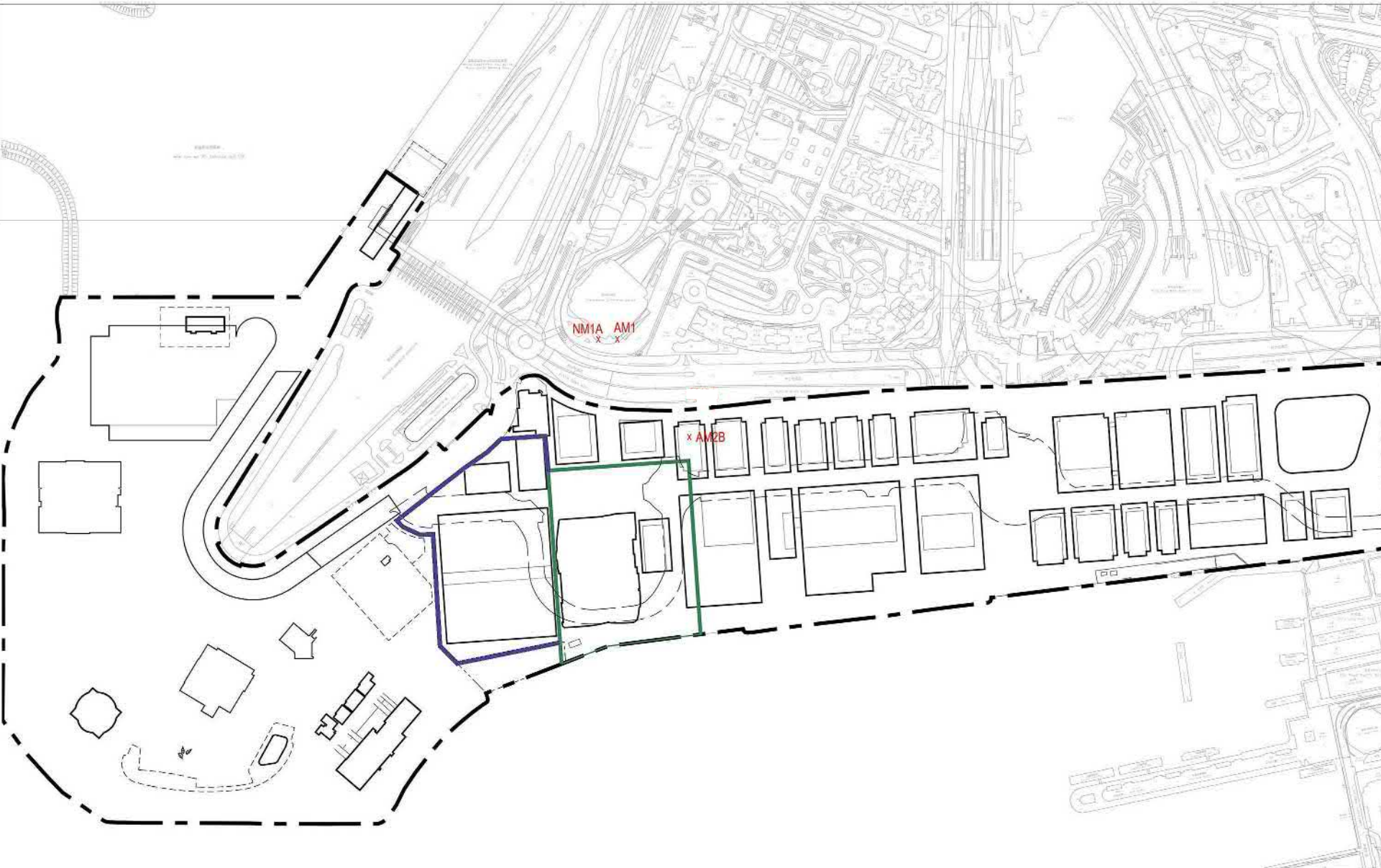
No environmental complaint, no notifications of summons or successful prosecutions were received during the reporting month.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting month as required. It was observed that the Contractors had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

8.2 Recommendations

Potential environmental impacts due to the construction activities, including air quality, noise, water quality, waste, landscape and visual, will be monitored or reviewed. The recommended environmental mitigation measures shall be implemented on site and regular inspections as required will be carried out to ensure that the environmental conditions are acceptable.

Figure 1 Site Layout Plan and Monitoring Stations



NOTES

- WKCD BOUNDARY
- M+ MUSEUM BOUNDARY
- LYRIC THEATRE BOUNDARY
- BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD
- X CONSTRUCTION AIR/NOISE MONITORING STATION

REMARKS:
THE AIR MONITORING STATION AM2A HAS BEEN RELOCATED TO THE ALTERNATIVE MONITORING STATION AM2B AT 1ST FLOOR OF GAMMON'S SITE OFFICE ON 26 FEBRUARY 2019.

REV	DATE	DESCRIPTION	INITIAL

JOB TITLE: DEVELOPMENT AT WEST KOWLOON CULTURAL DISTRICT

DRAWING TITLE: SITE LAYOUT PLAN AND MONITORING STATIONS

SCALE: 1:50	PRINTED: A3
CHECKED: _____	DATE: _____
APPROVED: _____	DATE: _____
DRAWN: TY	DATE: 15-10-2018
CONTRACT NO.: _____	

DRAWING NO.: **FIGURE 1** REV: **XX**

CAD REF NAME: XXXX-001-PH03-DWG PROJ-000-000-000.dwg

AUTHORITY

西九文化區

Appendices

- A. Project Organisation
- B. Tentative Construction Programme
- C. Action and Limit Levels for Construction Phase
- D. Event and Action Plan for Air Quality, Noise, Landscape and Visual Impact
- E. Monitoring Schedule
- F. Calibration Certifications
- G. Graphical Plots of the Monitoring Results
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- J. Environmental Mitigation Measures – Implementation Status
- K. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

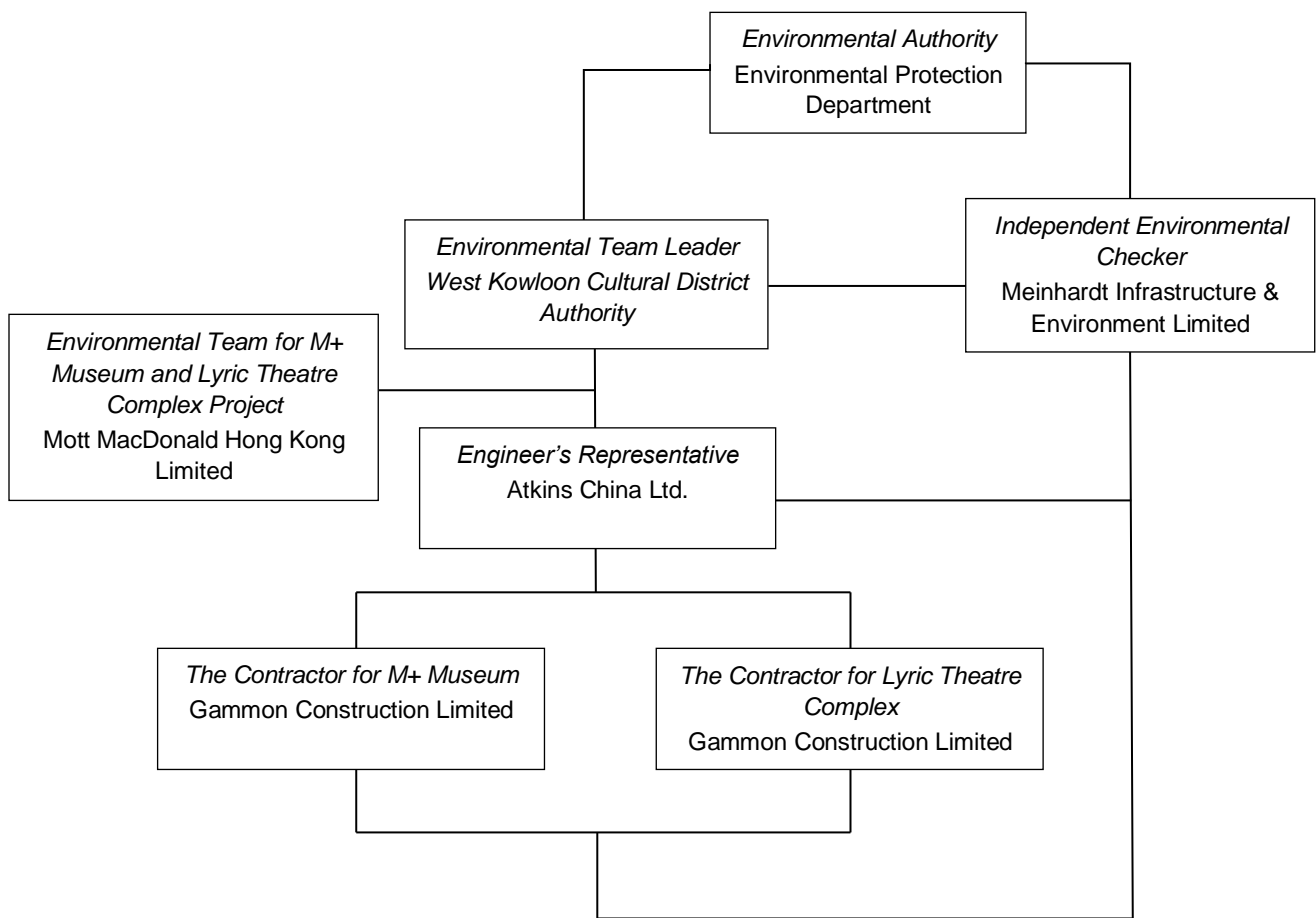


Table A-1: Contact information

Company Name	Role	Name	Telephone
Atkins China Ltd.	Resident Engineer	Ms. Gloria Lui	5506 6361
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Ms. Helen Cochrane	2859 1734
Gammon Construction Limited (M+ Museum)	Environmental Manager	Mr. Andy Leung	9489 0035
Gammon Construction Limited (L1)	Environmental Manager	Ms. Sammie Chan	9864 4296
Gammon Construction Limited (L2)	Environmental Manager	Mr. Ivan Chiu	9416 1664
Mott MacDonald Hong Kong Ltd.	Contractor's Environmental Team Leader	Mr. Thomas Chan	2828 5757
West Kowloon Cultural District Authority	Senior Project Manager (Safety, Health and Environment)	Mr. C.K. Wu	5506 9178

B. Tentative Construction Programme

M+ Museum

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020				
										Qtr 2		Qtr 3		
										May	Jun	Jul	Aug	ep
<i>CMWP - M+ Project Remaining Works @ 10 Sep 2018 Approved Target CMWP (Rev_0_16 UPD_DD_31 May 20)</i>														
GENERAL & PRELIMINARIES (Remaining Works @ 10 SEP 2018)														
Establishment														
Tower Cranes Establishment & De-establishment														
7415	TC_1_B - Demobilise Tower Crane (crane base @ GL2+J)	6	04-Jan-20	17-Jan-20	11-Jun-20	17-Jun-20	-121	100%	0%					
BASEMENT & PODIUM														
Construction														
Initial Works, Establishment & Miscellaneous														
14238a	POD - Architectural Lightings Installation (C41/42/86/90)	12	03-Feb-20	15-Feb-20	03-Aug-20	15-Aug-20	-152	100%	0%					
14238b	POD - Architectural Lightings Installation (C41/42/43/82/83/86)	12	10-Feb-20	22-Feb-20	04-Aug-20	17-Aug-20	-147	100%	0%					
14238c	POD - Architectural Lightings Installation (C50/65/88)	12	17-Feb-20	29-Feb-20	05-Aug-20	18-Aug-20	-142	100%	0%					
*Auditorium > GF (SZ7)														
ABWF Works & MEP Works														
9328	POD_AUD - All Other Finishes/Remedial/Cleaning Works	30	17-Jan-20	28-Feb-20	11-Jul-20	14-Aug-20	-140	100%	0%					
Inclined structure High Level Works														
9062	POD_AUD - Install LED Screen Panels	12	03-Oct-19	17-Oct-19	01-Aug-20	14-Aug-20	-246	100%	0%					
Inclined structure Low Level Works														
6857	POD_AUD - Install Metal Balustrade (* 2 shifts)	4	21-Dec-19	02-Jan-20	06-Apr-20A	04-Jun-20	-123	100%	40%					
6856	POD_AUD - Install Plywood Base & Timber Flooring (* 2 shifts) and door/iron	32	28-Nov-19	21-Dec-19	01-Jun-20	10-Jul-20	-160	100%	0%					
6858	POD_AUD - Erect Metal Scaffold along the wall for curtain install	6	03-Jan-20	09-Jan-20	05-Jun-20*	11-Jun-20	-123	100%	0%					
6860	POD_AUD - Install Curtains	9	17-Jan-20	07-Feb-20	15-Jul-20	24-Jul-20	-140	100%	0%					
6861	POD_AUD - Dismantle Scaffold (after curtains, conc./glazing remedial wrks)	6	24-Jan-20	14-Feb-20	25-Jul-20	31-Jul-20	-140	100%	0%					
Cinemas (B1-GF)														
ABWF Works & MEP Works														
4037	POD_Cinema - All Other Finishes/Remedial/Cleaning Works	36	26-Nov-19	08-Jan-20	08-Jun-20	21-Jul-20	-156	100%	0%					
180 Seats Cinema - POD_LG_Z18a														
4023	POD_LG_Z18a_C180 - Install Cinema Screen & MEP	6	12-Nov-19	25-Nov-19	19-Oct-19A	06-Jun-20	-156	100%	70%					
4019	POD_LG_Z18a_C180 - Door & Ironmong	2	19-Nov-19	21-Nov-19	24-Feb-20A	02-Jun-20	-155	100%	80%					
4014	POD_LG_Z18a_C180 - Steps Plywood	6	27-Sep-19	05-Oct-19	01-Jun-20*	06-Jun-20	-198	100%	0%					
4010a	POD_LG_Z18a_C180 - Close Ceilings (acoustic panels over with permanent lighting)	12			01-Jun-20*	13-Jun-20		0%	0%					
4017	POD_LG_Z18a_C180 - Walls finishes (acoustic panels)	21	15-Oct-19	11-Nov-19	01-Jun-20*	24-Jun-20	-183	100%	0%					
4036	POD_LG_Z18a_C180 - Install Curtain	3	26-Nov-19	28-Nov-19	13-Jun-20	24-Jun-20	-161	100%	0%					
4015	POD_LG_Z18a_C180 - Install Carpets (*2 shifts)	7	21-Nov-19	29-Nov-19	24-Jun-20	04-Jul-20	-174	100%	0%					
4020	POD_LG_Z18a_C180 - Install Seating	12	30-Nov-19	13-Dec-19	01-Aug-20	14-Aug-20	-197	100%	0%					
60 Seats Cinema - POD_LG_Z18b														
1115	POD_LG_Z18b_C60 - Install Cinema Screen & MEP	0	17-Oct-19	23-Oct-19	17-Oct-19A	01-Jun-20	-178	100%	70%					
1116	POD_LG_Z18b_C60 - Door & Ironmong	2	24-Oct-19	26-Oct-19	24-Feb-20A	02-Jun-20	-177	100%	80%					
1113	POD_LG_Z18b_C60 - Walls finishes (acoustic panels)	12	02-Oct-19	16-Oct-19	11-May-20A	13-Jun-20	-196	100%	20%					
1117	POD_LG_Z18b_C60 - Install Curtain	2	24-Oct-19	25-Oct-19	13-Jun-20	15-Jun-20	-189	100%	0%					
1118	POD_LG_Z18b_C60 - Install Carpets	4	28-Oct-19	31-Oct-19	15-Jun-20	15-Jun-20	-187	100%	0%					
1121	POD_LG_Z18b_C60 - Install Seating	7	01-Nov-19	08-Nov-19	15-Aug-20	22-Aug-20	-234	100%	0%					
40 Seats Cinema - POD_LG_Z18c														
1137	POD_LG_Z18c_C40 - Install Cinema Screen & MEP	5	04-Oct-19	11-Oct-19	17-Oct-19A	05-Jun-20	-193	100%	70%					
1139	POD_LG_Z18c_C40 - Door & Ironmong	2	12-Oct-19	15-Oct-19	24-Feb-20A	02-Jun-20	-187	100%	80%					
1135	POD_LG_Z18c_C40 - Walls finishes (acoustic panels)	12	19-Sep-19	03-Oct-19	11-May-20A	13-Jun-20	-206	100%	20%					
1141	POD_LG_Z18c_C40 - Install Carpets	4	16-Oct-19	19-Oct-19	03-Jun-20	06-Jun-20	-187	100%	0%					
1140	POD_LG_Z18c_C40 - Install Curtain	2	12-Oct-19	14-Oct-19	13-Jun-20	15-Jun-20	-199	100%	0%					
1143	POD_LG_Z18c_C40 - Install Seating	7	21-Oct-19	28-Oct-19	24-Aug-20	31-Aug-20	-251	100%	0%					
Moving Image Centre Lobby/Bar & Museum Shop No.2 (B1-GF) - POD_B1_Z09b														
ABWF & MEP Works (SZ7)														
8728	POD_B1_Z09b - MEP 2nd fix (*2 shifts)	3	19-Oct-19	06-Nov-19	18-Nov-19A	03-Jun-20	-169	100%	90.01%					
8734	POD_B1_Z09b - Door/ Ironmong	2	24-Dec-19	31-Dec-19	20-Jan-20A	02-Jun-20	-122	100%	95%					
8730	POD_B1_Z09b - Close ceiling (panels) w/ In-situ Cut-Out of Openings (*2 shifts)	2	06-Nov-19	22-Nov-19	16-Mar-20A	04-Jun-20	-156	100%	95%					
8731	POD_B1_Z09b - MEP final fix	4	23-Nov-19	03-Dec-19	18-Mar-20A	08-Jun-20	-149	100%	80%					
8732	POD_B1_Z09b - Wall finishes (subframe, ply + timber) @ Espresso Bar	12	27-Nov-19	10-Dec-19	15-Jun-20*	29-Jun-20	-161	100%	0%					
8729	POD_B1_Z09b - Floor finishes (resilient layer, ply + timber) @ MIC Lob & Esp. Bar	11	11-Dec-19	23-Dec-19	15-Jul-20	27-Jul-20	-173	100%	0%					
8735	POD_B1_Z09b - Install FF&E	12	24-Dec-19	08-Jan-20	01-Aug-20	14-Aug-20	-177	100%	0%					
8733	POD_B1_Z09b - All Other Finishes/Make Good & Clean	12	02-Jan-20	15-Jan-20	08-Aug-20	21-Aug-20	-177	100%	0%					
Lecture Theatre & Adjacent Areas														
ABWF Works & MEP Works														
8076	POD_GF_Z04 - All Other Finishes (blackout curtain) Make Good & Clean	24	12-Dec-19	10-Jan-20	01-Aug-20	28-Aug-20	-187	100%	0%					
Lecture Theatre, Lobby & Adjacent BoH Rooms @ G.L.C-D/F/11-14 - POD_GF_Z04														
8095	POD_GF_Z04_LTH - Door/ Ironmong	3	03-Dec-19	09-Dec-19	22-Jan-20A	03-Jun-20	-141	100%	95%					
8093	POD_GF_Z04_LTH - MEP Final Fix	4	15-Oct-19	24-Oct-19	09-Mar-20A	04-Jun-20	-181	100%	30%					
8092	POD_GF_Z04_LTH - Wall finishes (paint, timber, fabric)	12	18-Nov-19	30-Nov-19	25-May-20A	08-Jul-20	-176	100%	30%					
8099	POD_GF_Z04_LTH - Ceiling Finishes (Timber @ 150 seat LTH)	18	03-Oct-19	24-Oct-19	05-Jun-20	26-Jun-20	-199	100%	0%					
8094	POD_GF_Z04_LTH - Floor finishes (resilient layer, plywood + timber/carpet)	12	19-Nov-19	02-Dec-19	02-Jul-20	15-Jul-20	-181	100%	0%					
Workshop & Storages Adjacent to Lecture @ G.L.A-C/11-14 - POD_GF_Z04														
8054	POD_GF_Z04_LTH_Wshop_East - Door/Ironmong	2	12-Dec-19	18-Dec-19	23-Dec-19A	02-Jun-20	-132	100%	95%					
8070	POD_GF_Z04_LTH - MEP final fix	4	03-Oct-19	14-Oct-19	09-Mar-20A	04-Jun-20	-190	100%	30%					
8068	POD_GF_Z04_LTH_Wshop_East - Wall finishes (slatted timber)	9	18-Nov-19	23-Nov-19	17-Jun-20	27-Jun-20	-174	100%	0%					
9676	POD_GF_Z04_LTH - Install Acoustic Movabale Partition	12	20-Sep-19	04-Oct-19	17-Jun-20	02-Jul-20	-219	100%	0%					
8066	POD_GF_Z04_LTH_Wshop_East - Floor finishes (linoleum)	6	21-Nov-19	27-Nov-19	24-Jun-20	02-Jul-20	-174	100%	0%					
8067	POD_GF_Z04_LTH_Wshop_East - Install FF&E	12	28-Nov-19	11-Dec-19	01-Aug-20	14-Aug-20	-199	100%	0%					
Workshop & Storages Adjacent to Lecture @ G.L.D-F/11-14 - POD_GF_Z04														
8075	POD_GF_Z04_LTH_Wshop_West - Door/Ironmong	2	12-Dec-19	18-Dec-19	23-Dec-19A	02-Jun-20	-132	100%	90%					
8084	POD_GF_Z04_LTH - MEP final fix	4	03-Oct-19	14-Oct-19	09-Mar-20A	04-Jun-20	-190	100%	30%					
9677	POD_GF_Z04_LTH - Install Acoustic Movabale Partition	12	20-Sep-19	04-Oct-19	20-Jun-20	06-Jul-20	-222	100%	0%					
8082	POD_GF_Z04_LTH_Wshop_West - Wall finishes (slatted timber)	9	18-Nov-19	23-Nov-19	24-Jun-20	06-Jul-20	-180	100%	0%					
8081	POD_GF_Z04_LTH_Wshop_West - Floor finishes (linoleum)	6	21-Nov-19	27-Nov-19	03-Jul-20	09-Jul-20	-180	100%	0%					
8145	POD_GF_Z04_LTH_Wshop_West - Install FF&E	12	28-Nov-19	11-Dec-19	08-Aug-20	21-Aug-20	-205	100%	0%					
Learning Centre & Adjacent Areas (GF & 1/F)														
ABWF Works & MEP Works														
Learning Centre - POD_GF_Z05														
7991	POD_GF_Z05_LC - MEP final fix	2	11-Sep-19	21-Sep-19	09-Mar-20A	02-Jun-20	-205	100%	98%					
7993	POD_GF_Z05_LC - Doors & Ironmong	3	09-Dec-19	14-Dec-19	20-Jan-20A	03-Jun-20	-136	100%	95%					
7988	POD_GF_Z05_LC - Ceiling (ply + timber @ Pantry; slats @ Lounge/Check-in Assby)	10	18-Nov-19	28-Nov-19	01-Jun-20	11-Jun-20	-157	100%	0%					
7992	POD_GF_Z05_LC - Floor finishes (resilient layer, ply + timber)	8	29-Nov-19	07-Dec-19	12-Jun-20	20-Jun-20	-157	100%	0%					
7994	POD_GF_Z05_LC - All Other Finishes/Make Good & Clean	12	09-Dec-19	21-Dec-19	15-Jun-20	29-Jun-20	-151	100%	0%					
Learning Centre - POD_GF_Z06a & GF_Z06b														
9309	POD_GF_Z06b_BoH - All Other Finishes/Make Good & Clean	6	25-Jul-19	07-Aug-19	13-Jan-20A	08-Jun-20	-248	100%	95%					
8024	POD_GF_Z06a_FoH ToiletLob - All Other Finishes/Make Good & Clean	12	23-Oct-19	05-Nov-19	11-Jun-20	24-Jun-20	-188	100%	0%					
FoH Toilets - Public & Learning Centre (incl. Baby Care Room) - POD_GF_Z06a														
Toilet Block														
8003	POD_GF_Z06a_FoH Toilet - MEP final fix	2	14-Aug-19	20-Aug-19	16-Mar-20A	02-Jun-20	-232	100%	85%					
8007	POD_GF_Z06a_FoH Toilet - Cubicle partitions & sanitary ware & fittings	3	16-Oct-19	22-Oct-19	14-Apr-20A	03-Jun-20	-182	100%	80%					
7996	POD_GF_Z06a_FoH Toilet - Door/Ironmong	2	23-Oct-19	24-Oct-19	21-Apr-20A	04-Jun-20	-181	100%	70%					
Toilet Lobby/Vestibule & Baby Care Room														
8020	POD_GF_Z06a_FoH ToiletLob - MEP final fix	3	19-Jul-19	25-Jul-19	16-Mar-20A	03-Jun-20	-255	100%	70%					
8019	POD_GF_Z06a_FoH ToiletLob - Ceiling finishes (Timber)	6	11-Jul-19	17-Jul-19	10-Jun-20	10-Jun-20	-268	100%	0%					
8025	POD_GF_Z06a_FoH ToiletLob - Wall Finishes (Ply + Timber)	6	04-Oct-19	11-Oct-19	11-Jun-20	17-Jun-20	-203	100%	0%					
BoH of Learning Centre (Lift Lobby & MEP) - POD_GF_Z06b														
8039	POD_GF_Z06b_BoH - MEP final fix	2	19-Jul-19	22-Jul-19	09-Mar-20A	02-Jun-20	-257	100%	90%					
8040	POD_GF_Z06b_BoH - Floor sealer	2	23-Jul-19	24-Jul-19	03-Jun-20	04-Jun-20	-257	100%	0%					
Learning Centre & Associated Areas - POD_L1_Z01														
FoH Learning Centre incl. Corridor & Lift Lobby - POD_L1_Z01														
8141	POD_L1_Z01_LC - Doors & Ironmong	3	23-Dec-19	30-Dec-19	20-Jan-20A	03-Jun-20	-124	100%	95%					
8144	POD_L													

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3			ep
										May	Jun	Jul	Aug		
Moving Image Centre (GF-1M) - POD_GF_Z01															
ABWF & MEP Works (SZ7)															
8742	POD_GF-1M_Z01 - MEP final fix	3	09-Sep-19	19-Sep-19	16-Mar-20A	05-Jun-20	-210	100%	70%						
8746	POD_GF-1M_Z01 - Install FF&E	12	16-Oct-19	29-Oct-19	22-Aug-20	04-Sep-20	-254	100%	0%						
8745	POD_GF-1M_Z01 - All Other Finishes/Make Good & Clean	12	23-Oct-19	05-Nov-19	29-Aug-20	11-Sep-20	-254	100%	0%						
Found & Industrial Spaces (B2-GF) - POD_B2_Z13															
ABWF Works & MEP Works															
7839	POD_B2_Z13_Found/Indust_S - Doors & Ironmong	2	20-Jan-20	21-Jan-20	11-Jun-20	12-Jun-20	-114	100%	0%						
7827	POD_Found/Indust_S - All Other Finishes/Remedial	30	22-Jan-20	04-Mar-20	10-Aug-20	12-Sep-20	-161	100%	0%						
Industrial Space															
3932b	POD_B2_Z13_Indust_S - MEP Light Fittings (under Deck) final fix	2			08-Jan-20A	02-Jun-20		0%	99%						
8923b	POD_B2_Z13_Indust_S - Floor Finishes (resilient layer, plywood base)	24			27-Jun-20	25-Jul-20		0%	0%						
8923	POD_B2_Z13_Indust_S - Floor Finishes (Timber)	30	20-Nov-19	16-Jan-20	27-Jul-20*	29-Aug-20	-183	100%	0%						
Found Space (SZ1, SZ2a & SZ2b)															
6931	POD_B2_Z13_Found_S - MEP 1st, 2nd & final fix	3	04-Jul-19	26-Sep-19	24-Sep-19A	03-Jun-20	-202	100%	97%						
7851a	POD_B2_Z13_Found_S - 2no. SR3 O'S Door & Iron. (Permanent)	4			17-Feb-20A	20-Jul-20		0%	50%						
6935a	POD_B2_Z13_Found_S - Floor Finishes (resilient layer, plywood base)	24			06-Jul-20	01-Aug-20		0%	0%						
6935	POD_B2_Z13_Found_S - Floor Finishes (Timber)	30	22-Nov-19	18-Jan-20	03-Aug-20	05-Sep-20	-187	100%	0%						
Found Industrial Space Passages (2 Nos)															
7835	POD_B2_Z13_Found/Indust_S - MEP 2nd fix	3	20-Aug-19	26-Aug-19	18-Nov-19A	03-Jun-20	-228	100%	85%						
7837	POD_B2_Z13_Found/Indust_S - MEP final fix	4	03-Sep-19	06-Sep-19	23-Dec-19A	05-Jun-20	-220	100%	38%						
7838	POD_B2_Z13_Found/Indust_S - Walls Sub-Frame & Metal Cladding	9	31-Aug-19	13-Sep-19	22-Apr-20A	10-Jun-20	-218	100%	60%						
Level B2															
ABWF Works & MEP Works															
Fire Rated Corridors & Lobbies (Major Routings) - POD_B2_Z01															
4009	POD_B2_Z01_Corr - All Other Finishes/Make Good & Clean	12	11-Sep-19	25-Sep-19	09-May-20A	20-Jun-20	-218	100%	50%						
Fire Rated Corridors & Lobbies (Major Routings) @ G.L.A/H/1-10+ - POD_B2_Z01a															
4006	POD_B2_Z01a_Corr - MEP final fix	3	10-Aug-19	30-Aug-19	20-May-19A	03-Jun-20	-224	100%	98%						
4005	POD_B2_Z01a_Corr - Doors/4nos. SR3 Doors & Ironmong	2	11-Sep-19	18-Sep-19	16-Sep-19A	02-Jun-20	-208	100%	95%						
4007	POD_B2_Z01a_Corr - Floor sealer	9	31-Aug-19	10-Sep-19	04-Jun-20*	13-Jun-20	-224	100%	0%						
Fire Rated Corridors & Lobbies (Major Routings) @ North of G.L.6' - POD_B2_Z01b															
7521	POD_B2_Z01b_Corr - MEP final fix	2	19-Jul-19	29-Jul-19	21-May-19A	02-Jun-20	-251	100%	99%						
7524	POD_B2_Z01b_Corr - Doors/2nos SR3 Doors & Ironmong	2	31-Aug-19	06-Sep-19	16-Sep-19A	02-Jun-20	-217	100%	95%						
7523	POD_B2_Z01b_Corr - Floor sealer	4	30-Jul-19	02-Aug-19	03-Jun-20	06-Jun-20	-251	100%	0%						
BoH - CSF Plant Rooms - POD_B2_Z02															
4031	POD_B2_Z02b_CSFFS/Water Pump Rms - All Other Finishes/Make Good & Clean	3	07-Aug-19	20-Aug-19	06-Jan-20A	09-Jun-20	-238	100%	98%						
BoH - CSF Plant Rooms - Other Plantrooms - POD_B2_Z02b															
4026	POD_B2_Z02b_CSFFS/Water Pump Rms - MEP final fix	2	19-Jul-19	01-Aug-19	10-Jun-19A	02-Jun-20	-248	100%	99%						
BoH - RDE Plant Rooms - POD_B2_Z03															
6663	POD_B2_Z03_Plant Rms - All Other Finishes/Make Good & Clean	3	17-Aug-19	30-Aug-19	14-Jan-20A	17-Jun-20	-236	100%	98%						
BoH - RDE Plant Rooms - Other Plantrooms @ G.L.L-M/3'-1 - POD_B2_Z03b															
6656	POD_B2_Z03b_Other Plant Rms - MEP 2nd fix (incl. EQP)	2	24-Apr-19	22-May-19	04-Mar-19A	02-Jun-20	-307	100%	99%						
6692	POD_B2_Z03b_Other Plant Rms - MEP final fix	3	19-Jul-19	01-Aug-19	08-Jul-19A	03-Jun-20	-249	100%	97%						
6662	POD_B2_Z03b_Other Plant Rms - Floor sealer	4	02-Aug-19	09-Aug-19	17-Feb-20A	04-Jun-20	-243	100%	94.78%						
6666	POD_B2_Z03b_Other Plant Rms - Rubber Flr @ ELE Rm & RDE Security Eq Rm	6	02-Aug-19	08-Aug-19	04-Jun-20	10-Jun-20	-249	100%	0%						
BoH - M+ and Podium Plant Rooms - POD_B2_Z04															
6701	POD_B2_Z04_BoH Rms - All Other Finishes/Make Good & Clean	18	21-Oct-19	09-Nov-19	15-May-20A	26-Jun-20	-185	100%	80%						
BoH - M+ and Podium Plant Rooms - DCS & MCC @ G.L.G-M/11-13 - POD_B2_Z04a															
6720	POD_B2_Z04a_DCS & MCC - Floor sealer	9	15-May-19	24-May-19	19-May-20A	10-Jun-20	-312	100%	80%						
BoH - M+ and Podium Plant Rooms - AHU Rm @ G.L.J-W/3-4+ - POD_B2_Z04b															
6708	POD_B2_Z04b_AHU - MEP final fix	3	19-Jul-19	29-Jul-19	16-Oct-19A	03-Jun-20	-252	100%	95%						
6710	POD_B2_Z04b_AHU - Floor sealer	2	30-Jul-19	31-Jul-19	04-Jun-20	05-Jun-20	-252	100%	0%						
BoH - M+ and Podium Plant Rooms - Other Plantrooms @ G.L.A/H/1-11 - POD_B2_Z04d															
9022	POD_B2_Z04d_Other P.Rms - MEP 1st fix (incl. EQP) - rem works	2	26-Feb-19	30-Apr-19	25-Feb-19A	02-Jun-20	-325	100%	99%						
6684	POD_B2_Z04d_Other P.Rms - MEP 2nd fix (incl. EQP) - rem works	3	02-May-19	29-May-19	08-Apr-19A	03-Jun-20	-302	100%	98%						
6688	POD_B2_Z04d_Other P.Rms - MEP final fix	4	19-Jul-19	08-Aug-19	15-Jul-19A	04-Jun-20	-244	100%	96%						
6687	POD_B2_Z04d_Other P.Rms - Door & Ironmong	2	19-Aug-19	28-Aug-19	16-Sep-19A	02-Jun-20	-225	100%	98%						
6690	POD_B2_Z04d_Other P.Rms - Floor sealer	8	09-Aug-19	17-Aug-19	07-May-20A	13-Jun-20	-244	100%	70%						
BoH - M+ and Podium Plant Rooms - Other Plantrooms @ G.L.B'-L/1'-1 - POD_B2_Z04e															
6767	POD_B2_Z04e_Other P.Rms - Install CWS/CWR Piping MEP 2nd fix	2	02-May-19	12-Jul-19	19-Feb-19A	02-Jun-20	-265	100%	98%						
8763	POD_B2_Z04e_Other P.Rms - MEP 1st fix (rem works)	2	27-May-19	09-Jul-19	18-Mar-19A	02-Jun-20	-268	100%	99%						
6694	POD_B2_Z04e_Other P.Rms - MEP 2nd fix (incl. EQP)	3	13-Jul-19	06-Sep-19	08-Apr-19A	03-Jun-20	-218	100%	98%						
6698	POD_B2_Z04e_Other P.Rms - MEP final fix	4	07-Sep-19	21-Sep-19	19-Aug-19A	04-Jun-20	-207	100%	95%						
6700	POD_B2_Z04e_Other P.Rms - Floor sealer	12	27-Sep-19	12-Oct-19	07-May-20A	18-Jun-20	-203	100%	80%						
FoH/BoH Toilets - POD_B2_Z05 & B2_Z06															
7559	POD_B2_Z05/06_Toilets - All Other Finishes/Make Good & Clean	12	25-Nov-19	07-Dec-19	19-Jun-20A	28-Aug-20	-214	100%	0%						
Toilet Block															
6731	POD_B2_Z05_FoH Toilet - MEP final fix	4	08-Jul-19	13-Jul-19	14-Oct-19A	04-Jun-20	-266	100%	90%						
6735	POD_B2_Z05_FoH Toilet - Cubicle partitions & sanitary ware & fittings	4	05-Sep-19	11-Sep-19	23-Mar-20A	04-Jun-20	-215	100%	90%						
6724	POD_B2_Z05_FoH Toilet - Door/Ironmong	2	12-Sep-19	13-Sep-19	20-Apr-20A	05-Jun-20	-214	100%	90%						
Toilet Lobby/Vestibule															
7557	POD_B2_Z05_FoH Toilet Lob - MEP final fix	4	22-Jul-19	27-Jul-19	14-Oct-19A	04-Jun-20	-254	100%	90%						
7558a	POD_B2_Z05_FoH Toilet Lob - Floor finishes (resilient layer, plywood base)	3			01-Jun-20	03-Jun-20		0%	0%						
7555	POD_B2_Z05_FoH Toilet Lob - Ceiling finishes (Timber)	6	11-Jul-19	15-Jul-19	01-Aug-20*	07-Aug-20	-318	100%	0%						
7556	POD_B2_Z05_FoH Toilet Lob - Wall finishes (Timber)	6	15-Jul-19	20-Jul-19	08-Aug-20	14-Aug-20	-319	100%	0%						
7558	POD_B2_Z05_FoH Toilet Lob - Floor finishes (Timber)	6	18-Nov-19	23-Nov-19	15-Aug-20	21-Aug-20	-220	100%	0%						
BoH Other Rooms, Lobbies, Non-FR Corridors, Loading/Unloading Bays/Docks - POD_B2_Z07 & B2_Z08															
6843	POD_B2_Z07/08_BoH - All Other Finishes/Make Good & Clean	18	10-Feb-20	29-Feb-20	24-Jul-20	13-Aug-20	-138	100%	0%						
BoH Rooms - Raised Floor & Susp. Ceiling Area - POD_B2_Z08a															
6778	POD_B2_Z08a_BoH - Carpet flooring/rubber tiling	3	09-Aug-19	12-Aug-19	01-Jun-20	03-Jun-20	-240	100%	0%						
BoH Rooms, Lobbies, Non-FR Corr - Non Raised Floor & Susp. Ceiling Area - POD_B2_Z08d															
6840	POD_B2_Z08d_BoH - MEP final fix	4	24-Oct-19	20-Nov-19	16-Sep-19A	04-Jun-20	-158	100%	95%						
8931	POD_B2_Z08d_BoH - Wall final paint	4	14-Nov-19	07-Jan-20	18-Dec-19A	04-Jun-20	-119	100%	90%						
6842	POD_B2_Z08d_BoH - Floor sealer	18	29-Nov-19	21-Jan-20	07-May-20A	26-Jun-20	-125	100%	50%						
6847a	POD_B2_Z08d_BoH - 3nos. O'S SR3 Doors & Iron., (Permanent)	5			01-Aug-20	06-Aug-20		0%	0%						
Level B1															
ABWF Works & MEP Works															
BoH Rooms & Plant Rooms @ G.L.(2 to 4/E to J+) - POD_B1_Z03															
7097	POD_B1_Z03_BoH - All Other Finishes/Make Good & Clean	6	02-Aug-19	15-Aug-19	17-Feb-20A	06-Jun-20	-240	100%	90%						
BoH Plant Rooms @ G.L.(2 to 12/A to D+) - POD_B1_Z04															
7107	POD_B1_Z04_BoH - All Other Finishes/Make Good & Clean	18	08-Oct-19	28-Oct-19	01-Jun-20	20-Jun-20	-192	100%	0%						
Toilets - POD_B1_Z06a, B1_Z06b, B1_Z06c & B1_Z06d															
6993	POD_B1_Z06_Toilets - All Other Finishes/Make Good & Clean	18	04-Dec-19	24-Dec-19	08-Jul-20	28-Jul-20	-173	100%	0%						
FoH Toilets - Public - POD_B1_Z06b (SZ3)															
Toilet Block															
6952	POD_B1_Z06b_FoH Toilet - MEP final fix	2	27-Jul-19	02-Aug-19	20-Aug-19A	04-Jun-20	-249	100%	95%						
6959	POD_B1_Z06b_FoH Toilet - Ceiling finishes final coat	3	20-Jul-19	26-Jul-19	23-Dec-19A	03-Jun-20	-254	100%	95%						
Toilet Lobby/Vestibule															
7436	POD_B1_Z06b_FoH Toilet Lob - MEP final fix	3	19-Jul-19	25-Jul-19	22-Jan-20A	03-Jun-20	-255	100%	95%						
7435a	POD_B1_Z06b_FoH Toilet Lob - Ceiling finishes (Plywood backing for Timber fin)	2			23-Mar-20A	02-Jun-20		0%	90%						
7435	POD_B1_Z06b_FoH Toilet Lob - Ceiling finishes (Timber)	7	11-Jul-19	17-Jul-19	02-Jun-20*	09-Jun-20	-267	100%	0%						
7453	POD_B1_Z06b_FoH Toilet Lob - Wall finishes (Timber)</														

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020				
										Qtr 2		Qtr 3		
										May	Jun	Jul	Aug	
6923	POD_B1_Z08_FoH-MEP 1st,2nd & final fix	2	24-Jun-19	17-Oct-19	02-Sep-19A	02-Jun-20	-185	100%	99%					
6922	POD_B1_Z08_FoH-Doors & Ironmong	2	18-Oct-19	24-Oct-19	17-Feb-20A	02-Jun-20	-179	100%	98%					
7459	POD_B1_Z08_FoH-All Other Finishes/Make Good & Clean	12	18-Oct-19	31-Oct-19	01-Jun-20	13-Jun-20	-183	100%	0%					
BoH Plant Rooms (incl. AHU) Corr Adjacent to Cinemas - POD_B1_Z18A														
6901	POD_B1_Z18A_BoH_AHU-MEP final fix	3	29-Oct-19	07-Nov-19	13-Jan-20A	03-Jun-20	-168	100%	98%					
6902	POD_B1_Z18A_BoH_AHU-Floor sealer	4	08-Nov-19	12-Nov-19	04-Jun-20	08-Jun-20	-168	100%	0%					
BoH Rooms Associated with MIC Lobby & Museum Shop No.2 - POD_B1_Z09a														
7069	POD_B1_Z09a_BoH-Doors & Ironmong	2	02-Dec-19	09-Dec-19	23-Sep-19A	02-Jun-20	-141	100%	98%					
7070	POD_B1_Z09a_BoH-MEP final fix	3	16-Nov-19	26-Nov-19	14-Jan-20A	03-Jun-20	-152	100%	90%					
7072	POD_B1_Z09a_BoH-Final paint	6	16-Nov-19	22-Nov-19	01-Jun-20*	06-Jun-20	-158	100%	0%					
7071	POD_B1_Z09a_BoH-Floor sealer @ AV Storage 2 & Museum Shop Storage	2	27-Nov-19	28-Nov-19	04-Jun-20	05-Jun-20	-152	100%	0%					
7075	POD_B1_Z09a_BoH-Floor carpet @ AV Workroom Studio	4	27-Nov-19	02-Dec-19	08-Jun-20	12-Jun-20	-155	100%	0%					
7068a	POD_B1_Z09a_BoH-Ceiling finishes (Timber @ B1-1-336 corr only)	3			15-Jul-20*	17-Jul-20		0%	0%					
7073	POD_B1_Z09a_BoH-All Other Finishes/Make Good & Clean	12	02-Dec-19	16-Dec-19	18-Jul-20	31-Jul-20	-184	100%	0%					
7072a	POD_B1_Z09a_BoH-Wall finishes (Timber @ B1-1-336 corr only)	3			18-Jul-20	21-Jul-20		0%	0%					
7075a	POD_B1_Z09a_BoH-Floor finishes (Timber @ B1-1-336 corr only)	3			22-Jul-20	24-Jul-20		0%	0%					
FoH Lobby - POD_B1_Z10 (SZ3 & SZ4)														
6919	POD_B1_Z10_FoH Lobb - MEP final fix (*2 shifts)	3	16-Nov-19	04-Dec-19	08-Jan-20A	03-Jun-20	-145	100%	90%					
6921	POD_B1_Z10_FoH Lobb - All Other Finishes (DOOR) / Make Good & Clean	18	09-Mar-20	28-Mar-20	04-Jun-20	24-Jun-20	-73	100%	0%					
Fire Rated Corridors (Major Routings) - POD_B1_Z11														
8849	POD_B1_Z11_Corr - All Other Finishes / Make Good & Clean	18	03-Dec-19	24-Dec-19	08-Jun-20	29-Jun-20	-150	100%	0%					
Fire Rated Corridors & Lobbies (Major Routings) - POD_B1_Z11b														
7534	POD_B1_Z11b_Corr - Final paint	6	13-Jul-19	19-Jul-19	07-May-20A	06-Jun-20	-263	100%	80%					
7535	POD_B1_Z11b_Corr - Floor sealer	2	30-Jul-19	31-Jul-19	01-Jun-20	02-Jun-20	-249	100%	0%					
Fire Rated Corridors (Major Routings) - POD_B1_Z11a														
8848	POD_B1_Z11a_Corr - Final paint	4	17-Sep-19	20-Sep-19	14-May-20A	04-Jun-20	-208	100%	80%					
Fire Rated Corridors (Major Routings) - BOH Corr Adj to Cinemas & Museum Shop 2 - POD_B1_Z11c														
7547	POD_B1_Z11c_Corr - Final paint	9	05-Dec-19	16-Dec-19	14-May-20A	10-Jun-20	-142	100%	80%					
Fire Rated Corridors & Lobbies (Major Routings) - POD_B1_Z12														
7820	POD_B1_Z12_Corr - Floor sealer	9	12-Nov-19	21-Nov-19	01-Jun-20	10-Jun-20	-162	100%	0%					
7822	POD_B1_Z12_Corr - All Other Finishes / Make Good & Clean	12	22-Nov-19	05-Dec-19	04-Jun-20	17-Jun-20	-156	100%	0%					
BoH Plant Rooms, Lobby, Non-FR Corridor - North of GL_6' - POD_B1_Z14 & B1_Z16														
7127	POD_B1_Z14 & B1_Z16_BoH - Carriageway SEFLGHT Centre Rm final finishes	3	03-Oct-19	24-Oct-19	16-Sep-19A	03-Jun-20	-180	100%	95%					
7116	POD_B1_Z14 & B1_Z16_BoH - All Other Finishes / Make Good & Clean	6	03-Oct-19	14-Nov-19	06-Apr-20A	10-Jun-20	-168	100%	90%					
Carpark 1 & Ramp - North of GL_6' (B1-LGF) - POD_B1_Z17														
8768	POD-B1_Z17_Carpark 1 - MEP 1st fix (conflict & defect rectification)	2	26-Feb-19	29-May-19	08-Apr-19A	02-Jun-20	-301	100%	98%					
7131	POD-B1_Z17_Carpark 1 - MEP 2nd & final fix (rem)	3	30-May-19	16-Aug-19	15-Apr-19A	03-Jun-20	-236	100%	98%					
7134	POD-B1_Z17_Carpark 1 - All Other Finishes / Make Good & Clean	4	17-Oct-19	30-Oct-19	16-Dec-19A	06-Jun-20	-178	100%	80%					
7133	POD_B1_Z17_Carpark 1 - Floor finishes (polyurethane coating)	40	17-Aug-19	23-Oct-19	04-Jun-20*	22-Jul-20	-221	100%	0%					
Carriageway & Ramp from B1 to B2 - POD_B1_Z15														
9079	POD-B1_Z15_Carriageway - ABWF finishes @ GL_1'-3'/A-M	4	25-Oct-19	21-Nov-19	14-Oct-19A	04-Jun-20	-157	100%	90%					
9083	POD-B1_Z15_Carriageway - MEP final fix @ GL_1'-3'/A-M	4	03-Oct-19	31-Oct-19	06-Apr-20A	04-Jun-20	-175	100%	80%					
9090	POD-B1_Z15_Carriageway - ABWF finishes @ GL_3-12/J-M	4	25-Oct-19	21-Nov-19	14-Oct-19A	04-Jun-20	-157	100%	93%					
9091	POD-B1_Z15_Carriageway - MEP final fix @ GL_3-12/J-M	4	18-Oct-19	31-Oct-19	06-Apr-20A	04-Jun-20	-175	100%	80%					
9080	POD-B1_Z15_Carriageway - All Other Finishes (DOOR) / Make Good & Clean	8	01-Nov-19	28-Nov-19	08-Apr-20A	09-Jun-20	-155	100%	80%					
Landscaping														
9118	POD-B1_LAN - Soft landscaping	24	02-Dec-19	30-Dec-19	01-Jun-20	29-Jun-20	-145	100%	0%					
Level LGF														
ABWF Works & MEP Works														
BoH Plant & Other Rooms / FR Corr & Lob - North of GL_6' - POD_LG_Z01 & LG_Z02														
7314	POD_LG_Z01 - Z03 - All Other Finishes / Make Good & Clean	18	14-Oct-19	02-Nov-19	04-Jun-20	24-Jun-20	-190	100%	0%					
Carpark 2 Area - North of GL_6' - POD_LG_Z03														
8769	POD_LG_Z03_Carpark 2 - MEP 1st fix (Rem: CWS & CWR only)	2	26-Feb-19	29-May-19	25-Mar-19A	02-Jun-20	-301	100%	99%					
7313	POD_LG_Z03_Carpark 2 - Floor finishes (polyurethane coating)	40	17-Aug-19	19-Oct-19	04-Jun-20*	22-Jul-20	-224	100%	0%					
Add'l Room LG-2-321 (CAI291B & 291C)														
9990	*POD_LG_Z03_LG-2-321 - Floor Coating & other Finishes	6			04-Jun-20	10-Jun-20		0%	0%					
FoH Multi-Media Lounge, Viewing Balcony, Grp Cinema & Corr - POD_LG_Z04 & LG_Z05														
7354	POD_LG_Z04 - Z05_FoH - All Other Finishes / Make Good & Clean	24	23-Dec-19	21-Jan-20	30-Jun-20	28-Jul-20	-151	100%	0%					
FoH Multi-Media Lounge & Group Cinema - Raised Flr Area - POD_LG_Z04 (SZ7)														
7351	POD_LG_Z04_FoH-Doors & Ironmong	2	04-Dec-19	10-Dec-19	20-Jan-20A	02-Jun-20	-139	100%	90%					
7360	POD_LG_Z04_FoH - Fabric covered mullions w/ frame on walls	18	23-Oct-19	12-Nov-19	01-Jun-20*	20-Jun-20	-179	100%	0%					
9683	POD_LG_Z04_FoH - Timber Capping to Metal Hand Rail/Timber Handrail	6	18-Nov-19	23-Nov-19	15-Jul-20*	21-Jul-20	-193	100%	0%					
FoH Viewing Balcony & Corridor - Non Raised Floor Area - POD_LG_Z05 (SZ7)														
7366	POD_LG_Z05_FoH - Floor finishes (resilient layer, ply + timber)	12	18-Nov-19	30-Nov-19	01-Jun-20	13-Jun-20	-157	100%	0%					
7362	POD_LG_Z05_FoH - Fabric covered mullions w/ frame	18	02-Dec-19	21-Dec-19	15-Jun-20	07-Jul-20	-157	100%	0%					
BoH Rooms, Corr & Lobby Adjacent to MM Lounge & Viewing Balcony - POD_LG_Z06														
7845	POD_LG_Z06_BoH - Door & Ironmong	3	06-Dec-19	12-Dec-19	24-Feb-20A	03-Jun-20	-138	100%	90%					
7847	POD_LG_Z06_BoH - All Other Finishes / Make Good & Clean	6	06-Dec-19	19-Dec-19	25-Feb-20A	10-Jun-20	-138	100%	90%					
BoH Rooms / FoH Cinema Lobby & Sound Light Locks Adjacent to Cinemas - POD_LG_Z18d														
7377	POD_LG_Z18d_FoHBoH - All Other Finishes / Make Good & Clean	18	20-Dec-19	11-Jan-20	13-Jul-20	01-Aug-20	-163	100%	0%					
FoH Cinema Lob & Sound & Light Lock 1, 2 & 3 and Corr Adjacent to Cinemas - POD_LG_Z18d														
7373	POD_LG_Z18d_FoH - Wall finishes (fabric panels)	12	29-Nov-19	12-Dec-19	01-Jun-20*	13-Jun-20	-147	100%	0%					
7371a	POD_LG_Z18d_FoH - Ceiling finishes (Timber @ LG-1-312 corr only 3m2)	2			15-Jul-20*	16-Jul-20		0%	0%					
7373a	POD_LG_Z18d_FoH - Wall finishes (Timber @ LG-1-312 corr only)	2			17-Jul-20	18-Jul-20		0%	0%					
7375	POD_LG_Z18d_FoH - Floor finishes (carpet, resilient layer, ply + timber)	6	13-Dec-19	19-Dec-19	20-Jul-20	25-Jul-20	-175	100%	0%					
BoH Rooms Adjacent to Cinemas - Shared Control/Projection Rm, Storage - POD_LG_Z18d														
7388	POD_LG_Z18d_BoH-MEP final fix	2	02-Nov-19	12-Nov-19	09-Dec-19A	02-Jun-20	-163	100%	95%					
7384	POD_LG_Z18d_BoH-Doors & Ironmong	2	01-Nov-19	07-Nov-19	24-Feb-20A	02-Jun-20	-167	100%	95%					
FoH Cinema Toilet Adjacent to Cinemas - POD_LG_Z18d														
7401	POD_LG_Z18d_FoH Toilet - Door & Ironmong	2	18-Oct-19	21-Oct-19	20-Apr-20A	02-Jun-20	-183	100%	90%					
Level GF														
ABWF Works & MEP Works														
BoH Rooms/Toilets/Corr/Lob adjacent to Auditorium & MIC - POD_GF_Z02														
7952	POD_GF_Z02 - All Other Finishes / Make Good & Clean	18	25-Oct-19	14-Nov-19	20-Jul-20	08-Aug-20	-217	100%	0%					
FoH Toilets - Public & Auditorium - POD_GF_Z02a (SZ2a)														
Toilet Block														
7919	POD_GF_Z02a_FoH Toilet - Door Frame	2	10-Apr-19	11-Apr-19	23-Mar-20A	02-Jun-20	-341	100%	50%					
7920	POD_GF_Z02a_FoH Toilet - MEP final fix	3	19-Jul-19	25-Jul-19	13-Apr-20A	05-Jun-20	-257	100%	50%					
7924	POD_GF_Z02a_FoH Toilet - Cubicle partitions & sanitary ware & fittings	6	16-Oct-19	22-Oct-19	20-Apr-20A	06-Jun-20	-185	100%	90%					
7927	POD_GF_Z02a_FoH Toilet - Ceiling finishes final coat	3	19-Jun-19	21-Jun-19	04-May-20A	03-Jun-20	-283	100%	75%					
7913	POD_GF_Z02a_FoH Toilet - Door / Ironmong	2	23-Oct-19	24-Oct-19	16-May-20A	09-Jun-20	-185	100%	80%					
Toilet Lobby/Vestibule														
7937	POD_GF_Z02a_FoH Toilet - MEP final fix	5	16-Jul-19	22-Jul-19	15-Apr-20A	05-Jun-20	-260	100%	50%					
7934	POD_GF_Z02a_FoH Toilet - Ceiling grids	2	12-Mar-19	13-Mar-19	01-Jun-20	02-Jun-20	-365	100%	0%					
7936	POD_GF_Z02a_FoH Toilet - Ceiling finishes (Plywood backing for Timber fin)	4	11-Jul-19	15-Jul-19	01-Jun-20	04-Jun-20	-265	100%	0%					
7936a	POD_GF_Z02a_FoH Toilet - Ceiling finishes (Timber)	4			15-Jul-20*	18-Jul-20		0%	0%					
7942	POD_GF_Z02a_FoH Toilet - Wall finishes (Timber)	6	06-Sep-19	12-Sep-19	20-Jul-20	25-Jul-20	-256	100%	0%					
BoH Rooms/Corridors/Lobbies - POD_GF_Z02b (SZ7)														
7950	POD_GF_Z02b_BoH - Doors & Ironmong	2	09-Aug-19	15-Aug-19	23-Dec-19A	02-Jun-20	-236	100%	90%					
7949	POD_GF_Z02b_BoH - Wall finishes (paint, fabric panels)	5	19-Jul-19	25-Jul-19	13-Apr-20A	05-Jun-20	-257	100%	60%					
7953	POD_GF_Z02b_BoH - MEP final fix	7	26-Jul-19	05-Aug-19	02-May-20A	08-Jun-20	-250	100%	50%					
7951	POD_GF_Z02b_BoH - Floor finishes (sealer, carpet)	3	06-Aug-19	08-Aug-19	09-Jun-20	11-Jun-20	-250	100%	0%					
Museum Shop No.1 & Surrounding BoH - POD_GF_Z03														
7971	POD_GF_Z03a/3b_FoHBoH - All Other Finishes (blkout curtain) / Make Good & Clean	24	10-Sep-19	10-Oct-19	18-Jul-20	14-Aug-20	-252	100%	0%					
BoH Surrounding Museum Shop No.1 - POD_GF_Z03b														
7974	POD_GF_Z03b_BoH - Lug/Gen Storage 2 & Corr final finishes (Timber @ G-1-012)	21	20-Aug-19	24-Sep-19	15-Jul-20									

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3			
										May	Jun	Jul	Aug	ep	
BoH Surrounding Temporary Exhibition 1A & 1B @ G.L. 2-4/A-D - POD_GF_Z09a															
8830	POD_GF_Z09a_BoH-MEP final fix	4	23-Jul-19	01-Aug-19	13-Apr-20A	04-Jun-20	-250	100%	70%						
8825	POD_GF_Z09a_BoH-Staff Ent/Sec.Rm/Corr/Lob Ceiling finishes (ply + timber)	8	18-Nov-19	26-Nov-19	23-Mar-20A	14-Jul-20	-185	100%	50%						
8828	POD_GF_Z09a_BoH-Staff Ent/Sec.Rm/Corr/Lob Wall finishes (ply + timber)	8	27-Nov-19	05-Dec-19	05-Dec-19A	24-Mar-20A	-183	100%	50%						
8834	POD_GF_Z09a_BoH-Toilets & Lobby Ceiling Finishes (gypsum + paint, metal)	6	03-Sep-19	09-Sep-19	21-Oct-19A	06-Jun-20	-219	100%	80%						
8836	POD_GF_Z09a_BoH-Corr & Storage Wall finishes (paint)	6	23-Jul-19	29-Jul-19	06-May-20A	06-Jun-20	-255	100%	70%						
8838	POD_GF_Z09a_BoH-Corr & Storage floor sealer	2	02-Aug-19	03-Aug-19	08-Jun-20	09-Jun-20	-252	100%	0%						
8827	POD_GF_Z09a_BoH-Doors & Ironmong	6	06-Dec-19	12-Dec-19	24-Feb-20A	06-Jun-20	-141	100%	90%						
Courtyard Hanging Planter															
6988	POD_GF - Courtyard Irrigation & drainage pipe installation	12	29-Nov-19	18-Jan-20	10-Dec-19A	13-Jun-20	-117	100%	70%						
7040	POD_GF - Courtyard Mock up installation for silicon pot & S.S cage	12	29-Nov-19	19-Dec-19	27-Dec-19A	13-Jun-20	-141	100%	50%						
7078	POD_GF - Courtyard installation of pots & cages	18	20-Dec-19	18-Jan-20	01-Jun-20	20-Jun-20	-123	100%	0%						
7088	POD_GF - Courtyard soft landscape	18	06-Jan-20	10-Feb-20	05-Jun-20	26-Jun-20	-115	100%	0%						
7090	POD_GF - Courtyard exterior frame	18	20-Jan-20	17-Feb-20	10-Jun-20	02-Jul-20	-113	100%	0%						
Level 1															
ABWF Works & MEP Works															
Museum Shop No.1 Offices/Storage & Lift Lobby - POD_L1_Z02															
8197	POD_L1_Z02 - MEP 2nd fix	2	15-Jun-19	06-Jul-19	09-Dec-19A	02-Jun-20	-270	100%	99%						
8193	POD_L1_Z02 - Door/Ironmong	2	06-Aug-19	12-Aug-19	23-Dec-19A	02-Jun-20	-239	100%	95%						
8199	POD_L1_Z02 - Floor finishes (linoleum, sealer)	6	30-Jul-19	05-Aug-19	17-Feb-20A	06-Jun-20	-249	100%	75%						
8202	POD_L1_Z02 - MEP final fix	4	19-Jul-19	29-Jul-19	13-Apr-20A	04-Jun-20	-253	100%	60%						
8211	POD_L1_Z02 - Install FF&E	12	06-Aug-19	19-Aug-19	29-Aug-20	11-Sep-20	-318	100%	0%						
8194	POD_L1_Z02 - All Other Finishes / Make Good & Clean	12	20-Aug-19	02-Sep-19	05-Sep-20	18-Sep-20	-312	100%	0%						
Level 1MF															
ABWF Works & MEP Works															
8244	POD_1M_Z01-04 - All Other Finishes / Make Good & Clean	6	14-Dec-19	14-Jan-20	06-Jan-20A	06-Jun-20	-116	100%	65%						
MEP Plantrooms, Lobbies & Corridors - POD_1M_Z01															
8212	POD_1M_Z01 - MEP final fix	2	15-Oct-19	26-Nov-19	21-Oct-19A	02-Jun-20	-152	100%	98%						
8217	POD_1M_Z01 - Wall final paint @ all areas	6	15-Oct-19	05-Nov-19	09-Dec-19A	06-Jun-20	-174	100%	95%						
MEP Plantrooms, Lobbies & Corridors - POD_1M_Z02															
8223	POD_1M_Z02 - MEP final fix	3	15-Oct-19	26-Nov-19	21-Oct-19A	03-Jun-20	-153	100%	98%						
8228	POD_1M_Z02 - Wall final paint @ all areas	6	15-Oct-19	24-Oct-19	10-Dec-19A	06-Jun-20	-184	100%	95%						
MEP Plantrooms, Lobbies & Corridors - POD_1M_Z03															
8234	POD_1M_Z03 - MEP final fix	3	15-Oct-19	19-Nov-19	21-Oct-19A	03-Jun-20	-159	100%	91%						
8239	POD_1M_Z03 - Wall final paint @ all areas	3	15-Oct-19	24-Oct-19	12-Dec-19A	03-Jun-20	-181	100%	95%						
MEP Plantrooms, Lobbies & Corridors - POD_1M_Z04															
8245	POD_1M_Z04 - MEP final fix	3	15-Oct-19	19-Nov-19	21-Oct-19A	03-Jun-20	-159	100%	91%						
8250	POD_1M_Z04 - Wall final paint @ all areas	3	15-Oct-19	24-Oct-19	16-Dec-19A	03-Jun-20	-181	100%	95%						
Level 2															
ABWF Works & MEP Works															
Temporary Exhibition & Gallery Circ, Gallery BOH, BoH Rms, Lobbies & Corridors - POD_L2_Z01															
Temporary Exhibition 2a, 2b & 2c and Gallery Circ. 2-1-372/384 - POD_L2_Z01a (SZB)															
8370b	POD_L2_Z01a_FoH-MEP Ceiling Final Fix (east)	2			06-Jan-20A	02-Jun-20		0%	95%						
8406	POD_L2_Z01a_FoH-Ceiling finishes (insulation/acoustic plaster) (east)	30	18-Nov-19	24-Jan-20	15-Jul-20	18-Aug-20	-166	100%	0%						
8370d	POD_L2_Z01a_FoH-MEP Final Fix (west)	2			12-Dec-19A	02-Jun-20		0%	95%						
8367	POD_L2_Z01a_FoH-2nos. SR3 O'S Doors / Ironmong	4	25-Sep-19	02-Oct-19	17-Feb-20A	04-Jun-20	-199	100%	50%						
8372a	POD_L2_Z01a_FoH-Fir finishes (resilient layer, ply)	18			15-Jul-20	04-Aug-20		0%	0%						
9684	POD_L2_Z01a_FoH-Install Roller Blinds	12	08-Jan-20	21-Jan-20	01-Jun-20*	13-Jun-20	-115	100%	0%						
8406a	POD_L2_Z01a_FoH-Ceiling finishes (insulation/acoustic plaster) (west)	30			15-Jul-20	18-Aug-20		0%	0%						
8406b	POD_L2_Z01a_FoH-Ceiling finishes (Timber @ Circ/Passage only)	4			09-Mar-20A	20-Jul-20		0%	50%						
8374	POD_L2_Z01a_FoH-Wall finishes (paint/Timber @ Circ/Passage)	30	23-Dec-19	22-Feb-20	16-Mar-20A	25-Aug-20	-154	100%	25%						
8372	POD_L2_Z01a_FoH-Fir finishes (Timber) + fir grilles	30	15-Jan-20	07-Mar-20	23-Mar-20A	05-Sep-20	-152	100%	30%						
8368	POD_L2_Z01a_FoHBoH-All Other Finishes / Make Good & Clean	30	10-Feb-20	06-Apr-20	10-Aug-20	12-Sep-20	-134	100%	0%						
GalleryBoH Perimeter - POD_L2_Z01b															
8415	POD_L2_Z01b_BoH_West-Wall finishes (paint incl. door & iron)	2	16-Sep-19	28-Sep-19	16-Dec-19A	02-Jun-20	-199	100%	98%						
8416	POD_L2_Z01b_BoH_West-MEP final fix	2	14-Oct-19	23-Oct-19	09-Jan-20A	02-Jun-20	-180	100%	98%						
9620	POD_L2_Z01b_BoH_North-Wall finishes (paint incl. door & iron)	2	08-Jun-19	21-Jun-19	23-Dec-19A	02-Jun-20	-282	100%	98%						
GalleryBoH Internal - POD_L2_Z01c															
8431	POD_L2_Z01c_BoH-Door/Ironmong	2	07-Aug-19	13-Aug-19	28-Oct-19A	02-Jun-20	-238	100%	97.14%						
BoH Rooms, Corridors & Lobbies, Non-RF Areas - POD_L2_Z01d															
8560	POD_L2_Z01d_BoH-MEP final fix	2	20-Aug-19	29-Aug-19	23-Sep-19A	02-Jun-20	-224	100%	99%						
8556	POD_L2_Z01d_BoH-Doors/3nos.SR3 Doors & Ironmong	2	03-Sep-19	09-Sep-19	25-Nov-19A	02-Jun-20	-215	100%	75%						
8557	POD_L2_Z01d_BoH-Floor sealer	3	30-Aug-19	02-Sep-19	03-Jun-20	05-Jun-20	-224	100%	0%						
Galleries & Gallery Circ, Gallery BOH, BoH Rms, Lobbies & Corridors - POD_L2_Z02															
8517	POD_L2_Z02a&b_FoH-All Other Finishes / Make Good & Clean	30	03-Mar-20	28-Apr-20	07-Jul-20	10-Aug-20	-86	100%	0%						
8490	POD_L2_Z02_BoH-All Other Finishes / Make Good & Clean	6	11-Oct-19	31-Oct-19	09-Mar-20A	10-Jun-20	-180	100%	60%						
8464	POD_L2_Z02_FoH Toilets - All Other Finishes / Make Good & Clean	12	28-Nov-19	11-Dec-19	21-Jul-20	03-Aug-20	-189	100%	0%						
Skylight Gallery and Gallery Circ. 2 - POD_L2_Z02a															
8485a	POD_L2_Z02a_FoH-Ceiling finishes (board)	2			11-Dec-19A	02-Jun-20		0%	98%						
8478	POD_L2_Z02a_FoH-MEP final fix	3	21-Sep-19	21-Oct-19	17-Jan-20A	03-Jun-20	-183	100%	90%						
8470	POD_L2_Z02a_FoH-Door/1no.SR3 O'S Door / Ironmong	3	08-Oct-19	10-Oct-19	23-Mar-20A	03-Jun-20	-192	100%	90%						
8537	POD_L2_Z02a_FoH-Roller Blind System Instn	24	17-Jan-20	21-Feb-20	06-May-20A	03-Jul-20	-110	100%	10%						
8475a	POD_L2_Z02a_FoH-Fir finishes (resilient layer, ply)	18			04-Jun-20	24-Jun-20		0%	0%						
8485	POD_L2_Z02a_FoH-Ceiling finishes (insulation, acoustic plaster, Timber @ Circ/Pass)	24	06-Dec-19	02-Jan-20	03-Jun-20	02-Jul-20	-145	100%	0%						
8476	POD_L2_Z02a_FoH-Wall finishes (Timber @ Circ-passage only)	30	03-Jan-20	07-Feb-20	16-Mar-20A	27-Jul-20	-141	100%	25%						
8475	POD_L2_Z02a_FoH-Fir finishes (Timber) + fir grilles	30	08-Feb-20	24-Mar-20	23-Mar-20A	01-Aug-20	-108	100%	30%						
Gallery 1-6, Tall Gallery 1&2, Plaza View Gallery and Gallery Circ. - POD_L2_Z02b															
8524	POD_L2_Z02b_FoH-MEP final fix	2	17-Oct-19	13-Nov-19	21-Oct-19A	02-Jun-20	-162	100%	95%						
8516	POD_L2_Z02b_FoH-1no.SR3 O'S Door / Ironmong	3	31-Oct-19	02-Nov-19	17-Feb-20A	03-Jun-20	-172	100%	75%						
8521a	POD_L2_Z02b_FoH-Fir finishes (resilient layer, plywood base)	18			03-Jun-20	23-Jun-20		0%	0%						
9685	POD_L2_Z02b_FoH-Install Roller Blinds	12	09-Jan-20	22-Jan-20	22-Jun-20	07-Jul-20	-132	100%	0%						
8531	POD_L2_Z02b_FoH-Ceiling finishes (insulation, acoustic plaster/Timber @ Circ-pass)	24	18-Nov-19	08-Jan-20	16-Mar-20A	20-Jul-20	-155	100%	35%						
8522	POD_L2_Z02b_FoH-Wall finishes (Timber @ Circ-passage only)	30	25-Nov-19	17-Jan-20	19-Mar-20A	27-Jul-20	-153	100%	25%						
8521	POD_L2_Z02b_FoH-Fir finishes (Timber) + fir grilles	24	09-Jan-20	02-Mar-20	18-May-20A	03-Aug-20	-128	100%	29.99%						
Focus Gallery & Gallery Circ. - POD_L2_Z02c															
8544	POD_L2_Z02c_FoH-MEP final fix	3	19-Jul-19	29-Jul-19	21-Oct-19A	04-Jun-20	-253	100%	75%						

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020				
										Qtr 2		Qtr 3		
										May	Jun	Jul	Aug	ep
8611	POD_L2_Z03c_BoH- Wall final paint	4	28-Jun-19	09-Jul-19	01-Jun-20	04-Jun-20	-270	100%	0%					
8610	POD_L2_Z03c_BoH- Floor sealer	3	02-Aug-19	05-Aug-19	05-Jun-20	08-Jun-20	-250	100%	0%					
Galleries & Gallery Circ, Gallery BOH, BOH Rms, Lobbies & Corridors, Toilets - POD_L2_Z04														
8651	POD_L2_Z04b/c/d_BoH- All Other Finishes / Make Good & Clean	18	17-Sep-19	09-Oct-19	02-May-20A	20-Jun-20	-208	100%	50%					
8706	POD_L2_Z04e_BoH- All Other Finishes / Make Good & Clean	12	28-Nov-19	11-Dec-19	21-Jul-20	03-Aug-20	-189	100%	0%					
8630	POD_L2_Z04a_FoH- All Other Finishes / Make Good & Clean	30	26-Mar-20	22-May-20	23-Jul-20	26-Aug-20	-80	100%	0%					
Gallery 7 to 10, Study Area, Other Galleries and Gallery Circ. - POD_L2_Z04a														
8644a	POD_L2_Z04a_FoH- Ceiling finishes (board)	3			17-Oct-19A	03-Jun-20		0%	95%					
8629	POD_L2_Z04a_FoH- Door / Ironmong	2	16-Apr-20	22-Apr-20	27-Nov-19A	02-Jun-20	-34	100%	80%					
8637	POD_L2_Z04a_FoH- MEP Final Fix	3	24-Oct-19	20-Nov-19	16-Dec-19A	03-Jun-20	-157	100%	90%					
9688	POD_L2_Z04a_FoH- 3nos. SR3 O'S Doors / Ironmong	4	24-Oct-19	30-Oct-19	19-Feb-20A	04-Jun-20	-176	100%	75%					
8634a	POD_L2_Z04a_FoH- Floor finishes (resilient layer, ply base)	14			04-Jun-20	19-Jun-20		0%	0%					
9687	POD_L2_Z04a_FoH- Install Roller Blinds	12	17-Feb-20	29-Feb-20	30-Jun-20	14-Jul-20	-112	100%	0%					
8644	POD_L2_Z04a_FoH- Ceiling finishes (insulation, ac. plaster, fabric, Timber at Circ/Pass	28	12-Dec-19	06-Feb-20	16-Mar-20A	27-Jul-20	-142	100%	10%					
8635	POD_L2_Z04a_FoH- Wall finishes (paint/Timber @ Circ-passage only)	30	03-Feb-20	31-Mar-20	18-Mar-20A	01-Aug-20	-102	100%	20%					
8634	POD_L2_Z04a_FoH- Floor finishes (timber) + fir grilles	24	05-Mar-20	15-Apr-20	16-Jul-20	12-Aug-20	-99	100%	0%					
8647	POD_L2_Z04a_FoH- Facade timber mullion capping	13	16-Apr-20	30-Apr-20	05-Aug-20	19-Aug-20	-92	100%	0%					
Gallery BOH Perimeter - POD_L2_Z04b														
8655	POD_L2_Z04b_BoH- West- Wall finishes (paint incl. door & iron)	2	21-Aug-19	03-Sep-19	16-Dec-19A	02-Jun-20	-220	100%	95%					
8657	POD_L2_Z04b_BoH- West- MEP Final Fix	2	17-Sep-19	26-Sep-19	20-Dec-19A	03-Jun-20	-202	100%	98%					
9632	POD_L2_Z04b_BoH- South- Wall finishes (paint incl. door & iron)	2	20-Jul-19	02-Aug-19	06-Feb-20A	02-Jun-20	-247	100%	95%					
9636	POD_L2_Z04b_BoH- South- MEP Final Fix	2	03-Aug-19	13-Aug-19	14-Feb-20A	03-Jun-20	-239	100%	98%					
Gallery BOH Internal - POD_L2_Z04c														
8664	POD_L2_Z04c_BoH- Door / Ironmong	2	09-Aug-19	22-Aug-19	25-Nov-19A	02-Jun-20	-230	100%	75%					
8671	POD_L2_Z04c_BoH- MEP Final Fix	2	30-Jul-19	08-Aug-19	20-Dec-19A	02-Jun-20	-242	100%	95%					
BoH Rooms, Corridors & Lobbies, Non-RF Areas - POD_L2_Z04d														
8755	POD_L2_Z04d_BoH- MEP final fix	2	19-Jul-19	29-Jul-19	19-Dec-19A	02-Jun-20	-251	100%	95%					
8753	POD_L2_Z04d_BoH- Wall final paint	2	11-Jun-19	20-Jun-19	06-Feb-20A	02-Jun-20	-283	100%	75%					
8751	POD_L2_Z04d_BoH- Doors / 7nos. SR3 Doors & Ironmong	3	02-Aug-19	15-Aug-19	17-Feb-20A	03-Jun-20	-237	100%	75%					
8752	POD_L2_Z04d_BoH- Floor sealer	3	30-Jul-19	01-Aug-19	03-Jun-20	05-Jun-20	-251	100%	0%					
FoH Toilets - Public - POD_L2_Z04e														
Toilet Block														
8685	POD_L2_Z04e_FoH Toilets - MEP Final Fix	3	27-Jul-19	02-Aug-19	18-Nov-19A	03-Jun-20	-248	100%	90%					
8692	POD_L2_Z04e_FoH Toilets - Ceiling Finishes Final Coat	3	20-Jul-19	26-Jul-19	18-Dec-19A	03-Jun-20	-254	100%	95%					
8684	POD_L2_Z04e_FoH Toilets - Door Frame	2	06-May-19	07-May-19	24-Feb-20A	02-Jun-20	-320	100%	75%					
8678	POD_L2_Z04e_FoH Toilets - Door / Ironmong	4	15-Oct-19	21-Oct-19	20-Apr-20A	04-Jun-20	-184	100%	55%					
Toilet Lobby / Corridor														
8702	POD_L2_Z04e_FoH Toilet Lob - MEP final fix	3	21-Nov-19	27-Nov-19	18-Dec-19A	03-Jun-20	-151	100%	75%					
8701	POD_L2_Z04e_FoH Toilet Lob - Ceiling finishes (Timber)	3	18-Nov-19	20-Nov-19	15-Jul-20	17-Jul-20	-193	100%	0%					
8703a	POD_L2_Z04e_FoH Toilet Lob - Floor finishes (resilient layer, plywood base)	4			15-Jul-20	18-Jul-20		0%	0%					
8707	POD_L2_Z04e_FoH Toilet Lob - Wall Finishes (Timber)	4	21-Nov-19	27-Nov-19	18-Jul-20	22-Jul-20	-191	100%	0%					
8703	POD_L2_Z04e_FoH Toilet Lob - Floor finishes (Timber)	4	28-Nov-19	04-Dec-19	23-Jul-20	27-Jul-20	-189	100%	0%					
Plaza														
Plaza - POD_L2_Z05 (S25)														
8794	POD_L2_Z05_Plaza - MEP 2nd fix	2	17-Sep-19	24-Oct-19	10-Jun-19A	02-Jun-20	-180	100%	98%					
8718	POD_L2_Z05_Plaza - MEP final fix	4	24-Oct-19	14-Nov-19	15-Jul-19A	04-Jun-20	-164	100%	90%					
8720	POD_L2_Z05_Plaza - Floor screeding	4	25-Jun-19	11-Jul-19	14-Oct-19A	04-Jun-20	-268	100%	40%					
9739	POD_L2_Z05_Plaza - Dry Wall Frame	2	04-Jun-19	22-Jul-19	21-Oct-19A	02-Jun-20	-257	100%	98%					
9741	POD_L2_Z05_Plaza - Close Dry Wall	2	13-Aug-19	26-Aug-19	20-Nov-19A	03-Jun-20	-228	100%	95%					
9742	POD_L2_Z05_Plaza - Wall finishes (paint on dry wall)	3	27-Aug-19	12-Sep-19	23-Dec-19A	04-Jun-20	-214	100%	80%					
8716a	POD_L2_Z05_Plaza - Floor finishes (resilient layer, plywood backing)	24			05-Jun-20	04-Jul-20		0%	0%					
8716	POD_L2_Z05_Plaza - Floor finishes (Timber)	48	18-Nov-19	09-Jan-20	15-Jul-20	08-Sep-20	-197	100%	0%					
8717	POD_L2_Z05_Plaza - All Other Finishes / Make Good & Clean	18	30-Dec-19	20-Jan-20	02-Sep-20	22-Sep-20	-200	100%	0%					
Level L3														
ABWF Works & MEP Works														
FoH & BoH Areas @ Tower Footprint - POD_L3_Z01a, L3_Z01b & L3_Z01c														
8332	POD_L3_Z01a_d_FoH- All Other Finishes (floor mat) / Make Good & Clean	12	08-Nov-19	22-Nov-19	15-Jun-20	29-Jun-20	-177	100%	0%					
8363	POD_L3_Z01b & Z01c_BoH- All Other Finishes / Make Good & Clean	12	02-Aug-19	15-Aug-19	04-Jun-20	17-Jun-20	-249	100%	0%					
8280	POD_L3_Z01d_FoH Toilet Lob - All Other Finishes / Make Good & Clean	12	27-Sep-19	14-Oct-19	08-Jun-20	20-Jun-20	-205	100%	0%					
FoH - Museum Cafe 2 & Warming Kitchen and BOH @ Tower Footprint - POD_L3_Z01a														
8322	POD_L3_Z01a_FoH - MEP final fix	5	02-Sep-19	17-Sep-19	18-Jan-20A	05-Jun-20	-213	100%	85%					
8323	POD_L3_Z01a_FoH - Floor sealer @ Museum Cafe 2 & BOH	5	02-Oct-19	09-Oct-19	06-Jun-20	11-Jun-20	-201	100%	0%					
8319	POD_L3_Z01a_FoH - Door / Ironmong	2	09-Oct-19	11-Oct-19	12-Jun-20	13-Jun-20	-201	100%	0%					
BoH Plantrooms, Corridors & Lobbies @ Tower Footprint - POD_L3_Z01b & L3_Z01c														
8361	POD_L3_Z01b & L3_Z01c_BoH - Floor sealer	3	30-Jul-19	01-Aug-19	11-May-20A	03-Jun-20	-249	100%	50%					
FoH - Corridor & Concourse @ Tower Footprint - POD_L3_Z01d														
8333	POD_L3_Z01d_FoH - MEP final fix	4	18-Oct-19	29-Oct-19	18-Jan-20A	04-Jun-20	-178	100%	85%					
FoH Toilets - Cafe Toilets @ Tower Footprint - POD_L3_Z01d														
Toilet Block														
8259	POD_L3_Z01d_FoH Toilets - MEP final fix	6	19-Jul-19	25-Jul-19	17-Feb-20A	06-Jun-20	-258	100%	85%					
8252	POD_L3_Z01d_FoH Toilets - Door / Ironmong	2	24-Sep-19	25-Sep-19	20-May-20A	02-Jun-20	-202	100%	94.99%					
8266	POD_L3_Z01d_FoH Toilets - Ceiling finishes final coat	3	15-Jul-19	17-Jul-19	01-Jun-20	03-Jun-20	-262	100%	0%					
Toilet Lobby / Vestibule														
8276	POD_L3_Z01d_FoH Toilet Lob - MEP final fix	6	27-Sep-19	05-Oct-19	17-Feb-20A	06-Jun-20	-199	100%	85%					
8281a	POD_L3_Z01d_FoH Toilet Lob - Wall finishes (Plywood backing)	8			30-May-20A	11-Jun-20		0%	60%					
8275	POD_L3_Z01d_FoH Toilet Lob - Ceiling finishes (Timber)	3	12-Sep-19	20-Sep-19	06-Jun-20	09-Jun-20	-213	100%	0%					
8281	POD_L3_Z01d_FoH Toilet Lob - Wall finishes (Timber)	4	20-Sep-19	27-Sep-19	10-Jun-20	13-Jun-20	-211	100%	0%					
Roof Terrace Toilets, Lobbies, Storage & Lift Vestibule @ GL 10+13/B+D - POD_L3_Z02														
8289	POD_L3_Z02 - All Other Finishes / Make Good & Clean	12	28-Sep-19	14-Oct-19	12-Jun-20	26-Jun-20	-208	100%	0%					
FoH Toilets - Roof Terrace Toilets - POD_L3_Z02														
Toilet Block														
8293	POD_L3_Z02_FoH Toilets - MEP 2nd fix	3	01-Jun-19	15-Jun-19	03-Mar-20A	03-Jun-20	-288	100%	96%					
8295	POD_L3_Z02_FoH Toilets - MEP final fix	6	19-Jul-19	25-Jul-19	20-Apr-20A	08-Jun-20	-259	100%	54.57%					
8291	POD_L3_Z02_FoH Toilets - Close ceiling (board) incl. Cut-Outs	4	17-Jun-19	20-Jun-19	04-May-20A	05-Jun-20	-286	100%	50%					
8299	POD_L3_Z02_FoH Toilets - Cubicle partitions & sanitary ware & fittings	6	26-Sep-19	03-Oct-19	16-May-20A	11-Jun-20	-204	100%	80%					
8302	POD_L3_Z02_FoH Toilets - Ceiling finishes final coat	3	21-Jun-19	24-Jun-19	06-Jun-20	09-Jun-20	-286	100%	0%					
8288	POD_L3_Z02_FoH Toilets - Door / Ironmong	2	04-Oct-19	05-Oct-19	12-Jun-20	13-Jun-20	-204	100%	0%					
Toilet Lobby														
9704	POD_L3_Z02_FoH Toilet Lob - MEP 1st fix	2	12-Jun-19	25-Jun-19	10-Jun-19A	02-Jun-20	-279	100%	95%					
9706	POD_L3_Z02_FoH Toilet Lob - MEP 2nd fix	4	26-Jun-19	10-Jul-19	03-Mar-20A	04-Jun-20	-269	100%	95%					
9709	POD_L3_Z02_FoH Toilet Lob - MEP final fix MEP Final fix	6	19-Jul-19	25-Jul-19	20-Apr-20A	06-Jun-20	-258	100%	80%					
BoH - Storage - POD_L3_Z02														
8345	POD_L3_Z02_BoH - MEP 2nd fix	4	04-Jun-19	25-Jun-19	17-Jun-19A	04-Jun-20	-281	100%	85%					
8348	POD_L3_Z02_BoH - MEP final fix	5	19-Jul-19	29-Jul-19	16-Mar-20A	06-Jun-20	-255	100%	85%					
8349	POD_L3_Z02_BoH - Floor sealer	2	30-Jul-19	31-Jul-19	08-Jun-20	09-Jun-20	-255	100%	0%					
Lift (LT22) Vestibule @ GL 10+/A+B+														
9713	POD_L3_Z02_Lift Vest. - MEP 1st fix	3	17-Aug-19	23-Aug-19	15-Jul-19A	03-Jun-20	-230	100%	95%					

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2	Qtr 3	Qtr 4	ep		
											May	Jun	Jul	Aug	ep
7189	POD_B1_GW - G+M/13+ Pisa Glass M_Shop 2M_Image (B1_Z09b) (Pisa 08-04; 08-	2	27-Jun-19	25-Jul-19	14-Oct-19A	02-Jun-20	-254	100%	98%						
7191	POD_B1_GW - E+G/12+ Pisa Glass (South Entrance)	2	22-Aug-19	11-Sep-19	08-Jan-20A	02-Jun-20	-213	100%	98%						
6895	POD_B1_GW - PISA Inner Glass Museum Caffè (B1_Z08) (Pisa 08-02) Oct_UPD: EF 1	2	04-May-19	15-Jun-19	13-Jan-20A	02-Jun-20	-287	100%	98%						
6895a	POD_B1_GW - PISA Outer Glass Museum Caffè (B1_Z08) (Pisa 08-02) Oct_UPD: EF 1	3			13-Jan-20A	03-Jun-20		0%	98%						
7191a	POD_B1_GW - E+G/3+ Pisa Glass (North Entrance) (Pisa: 08-05) - Oct_UPD: EF 7Dec	3			21-Jan-20A	03-Jun-20		0%	98%						
7191c	POD_B1_GW - E+G/12+ Glass Door Actuator Installation + test (South Entrance - 6 Nos	8			01-Jun-20	09-Jun-20		0%	0%						
GF to 1M/F Soffit - Glass Walls, Columns & Walls Ceramic Cladding															
Priority 1 - Atrium/Circ_Box & Cer_Tubes (MEP Plenum Voids)															
Installation															
1001	POD_GF_Z07_P1 - G-M/8-13 PISA Glass & Tube Walls (ACC 16Oct)	3	08-Jul-19	17-Aug-19	19-Aug-19A	03-Jun-20	-235	100%	94%						
8946	POD_GF_Z07_P1 - AM/1-7 PISA Glass & Tube Walls (ACC 19Oct)	3	17-May-19	28-Jun-19	26-Oct-19A	03-Jun-20	-277	100%	94%						
Priority 3 - Decorative Walls & Dry Fix															
Installation															
9884	POD_GF_Z07_P3 - AM/1-7 PISA - Ext. & Decorative Walls (ACC 5Dec) OctYPD: EF 2 Dec	3	30-Apr-19	13-Jun-19	01-Aug-19A	03-Jun-20	-291	100%	94%						
9885	POD_GF_Z07_P3 - GM/8-13 PISA - Ext. & Decorative Walls (ACC 2Dec) OctUPD: EF 3C	3	23-Apr-19	05-Jun-19	23-Sep-19A	03-Jun-20	-297	100%	94%						
9886	POD_GF_Z07_P3 - BG/8-13 PISA - Ext. & Decorative Walls (ACC 30Nov) OctUP: EF 30	3	18-May-19	29-Jun-19	04-Nov-19A	03-Jun-20	-276	100%	94%						
Corrugated Aluminium Perf. Panels & Pre-Cast Concrete Tubes															
1228	POD_GF - SetOut & Install Angle Supports/Panels/Louvers - Type AAngle 186-End	3	16-Aug-19	04-Nov-19	27-Jul-19A	03-Jun-20	-171	100%	90%						
1225	POD_GF - SetOut & Install Angle Supports/Panels/Louvers - Type CGL_1-H	3	10-Apr-19	22-May-19	21-Oct-19A	03-Jun-20	-308	100%	90%						
1226	POD_GF - SetOut & Install Angle Supports/Panels/Louvers - Type CGL_H-F	3	23-May-19	27-Jun-19	21-Oct-19A	03-Jun-20	-278	100%	90%						
1227	POD_GF - SetOut & Install Angle Supports/Panels/Louvers - Type ACGL_F-angle186	3	19-Jul-19	05-Sep-19	18-Nov-19A	03-Jun-20	-219	100%	90%						
1231	POD_GF - SetOut & Install Angle Supports/Panels/Louvers - Type ACwayGL_A-End	3	06-Nov-19	24-Dec-19	08-Jan-20A	03-Jun-20	-128	100%	90%						
9780	POD_GF - Install Pre-Cast Concrete Tube at West (A+3-7)	9	23-Aug-19	20-Sep-19	06-Apr-20A	10-Jun-20	-213	100%	50%						
Vertical Transportation															
Lifts															
9327	POD_LT22 - Passenger/Disabled Lift (GF- 3F) - Lift Installation MEP 1st,2nd & Final Fix	6	04-Jun-19	14-Aug-19	18-Nov-19A	06-Jun-20	-241	100%	88%						
Escalators															
Escalator No. and grid location by user. (SZ1)															
9498	POD_ES01-02_GL D-E/8-10_B2 to B1 - Install Truss Assy/Steps/Hand Rail MEP 1st,2nd	4	04-May-19	15-Jul-19	22-Oct-19A	04-Jun-20	-265	100%	81%						
9499	POD_ES01-02_GL D-E/8-10_B2 to B1 - High Level MEP 1st,2nd & final fix/ABWF work	5	16-Jul-19	12-Aug-19	23-Mar-20A	05-Jun-20	-242	100%	50%						
9500	POD_ES01-02_GL D-E/8-10_B2 to B1 - Escalator Finishes (glazing, cladding, balustr)	9	13-Aug-19	09-Sep-19	13-Apr-20A	10-Jun-20	-222	100%	20%						
9504	POD_ES05-06_GL D-E/4-7_GF to 2F - Install Truss Assy/Steps/Hand Rail MEP 1st,2nd	4	20-May-19	30-Jul-19	12-Nov-19A	04-Jun-20	-252	100%	85%						
9505	POD_ES05-06_GL D-E/4-7_GF to 2F - High Level MEP 1st,2nd & final fix/ABWF work	5	31-Jul-19	27-Aug-19	09-Dec-19A	05-Jun-20	-229	100%	50%						
9506	POD_ES05-06_GL D-E/4-7_GF to 2F - Escalator Finishes (glazing, cladding, balustrac	9	28-Aug-19	25-Sep-19	18-Dec-19A	10-Jun-20	-209	100%	60%						
9510	POD_ES03-04_GL D-E/5-6_B1 to GF - Install Truss Assy/Steps/Hand Rail MEP 1st,2nc	4	04-May-19	15-Jul-19	25-Oct-19A	04-Jun-20	-265	100%	81%						
9511	POD_ES03-04_GL D-E/5-6_B1 to GF - High Level MEP 1st,2nd & final fix/ABWF work	5	16-Jul-19	12-Aug-19	09-Dec-19A	05-Jun-20	-242	100%	90%						
9512	POD_ES03-04_GL D-E/5-6_B1 to GF - Escalator Finishes (glazing, cladding, balustrac	9	13-Aug-19	09-Sep-19	13-Apr-20A	10-Jun-20	-222	100%	50%						
9519	POD_ES11-12_GL C-D/2-3_B1 to GF - Install Truss Assy/Steps/Hand Rail MEP 1st,2nd	2	04-May-19	15-Jul-19	12-Sep-19A	02-Jun-20	-263	100%	90%						
9522	POD_ES11-12_GL C-D/2-3_B1 to GF - Escalator Finishes (glazing, cladding, balustrac	9	13-Aug-19	09-Sep-19	21-Oct-19A	10-Jun-20	-222	100%	81%						
9521	POD_ES11-12_GL C-D/2-3_B1 to GF - High Level MEP 1st,2nd & final fix/ABWF work	5	16-Jul-19	12-Aug-19	16-Mar-20A	05-Jun-20	-242	100%	20%						
9544	POD_ES13-14_GL D-G/11-12_LT to 3F - Complete Escalator Installation (*2 shifts)	6	13-Jun-19	11-Oct-19	23-Mar-20A	12-Jun-20	-199	100%	81%						
9545	POD_ES13-14_GL D-G/11-12_LT to 3F - High Level MEP 1st,2nd,final fix/ABWF works(*2	8	11-Oct-19	01-Nov-19	06-Apr-20A	09-Jun-20	-178	100%	20%						
9546	POD_ES13-14_GL D-G/11-12_LT to 3F - Escalator Finishes (minor ABWF works)	12	02-Nov-19	29-Nov-19	10-Jun-20	23-Jun-20	-166	100%	0%						
Staircases															
Staircases Required for Pressurisation															
8970	POD_ST01B_FS - Wall Dust Sealer	21	10-Jun-19	10-Jul-19	01-Jun-20*	24-Jun-20	-286	100%	0%						
8973	POD_ST01B_FS - All Other Finishes (DOOR) / Make Good & Clean	12	13-Jul-19	26-Jul-19	15-Jun-20	29-Jun-20	-275	100%	0%						
8979	POD_ST03B_FS - Permanent Hand Rail	6	03-Jul-19	17-Jul-19	18-Nov-19A	06-Jun-20	-265	100%	98%						
8981	POD_ST03B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	13-Jul-19	26-Jul-19	18-Nov-19A	07-Jul-20	-281	100%	98%						
8975	POD_ST03B_FS - Ceiling Dust Sealer	21	01-Apr-19	02-May-19	01-Jun-20*	24-Jun-20	-343	100%	0%						
8978	POD_ST03B_FS - Wall Dust Sealer	21	10-Jun-19	10-Jul-19	08-Jun-20	03-Jul-20	-292	100%	0%						
8989	POD_ST04B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	13-Jul-19	26-Jul-19	18-Nov-19A	03-Jul-20	-278	100%	98%						
8983	POD_ST04B_FS - Ceiling Dust Sealer	21	01-Apr-19	02-May-19	01-Jun-20*	24-Jun-20	-343	100%	0%						
8986	POD_ST04B_FS - Wall Dust Sealer	21	10-Jun-19	10-Jul-19	04-Jun-20	29-Jun-20	-289	100%	0%						
8997	POD_ST05_FS - All Other Finishes (DOOR) / Make Good & Clean	9	24-Aug-19	06-Sep-19	09-Mar-20A	29-Jun-20	-239	100%	80%						
8991	POD_ST05_FS - Ceiling Dust Sealer	15	03-May-19	01-Jun-19	13-Apr-20A	17-Jun-20	-311	100%	30%						
8994	POD_ST05_FS - Wall Dust Sealer	21	23-Jul-19	21-Aug-19	01-Jun-20*	24-Jun-20	-250	100%	0%						
9005	POD_ST07B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	24-Aug-19	06-Sep-19	25-Nov-19A	07-Jul-20	-245	100%	98%						
8999	POD_ST07B_FS - Ceiling Dust Sealer	21	03-May-19	01-Jun-19	01-Jun-20*	24-Jun-20	-317	100%	0%						
9002	POD_ST07B_FS - Wall Dust Sealer	21	23-Jul-19	21-Aug-19	08-Jun-20	03-Jul-20	-256	100%	0%						
9013	POD_ST08B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	24-Aug-19	06-Sep-19	18-Nov-19A	07-Jul-20	-245	100%	98%						
9007	POD_ST08B_FS - Ceiling Dust Sealer	21	03-Jun-19	04-Jul-19	01-Jun-20*	24-Jun-20	-291	100%	0%						
9010	POD_ST08B_FS - Wall Dust Sealer	21	23-Jul-19	21-Aug-19	08-Jun-20	03-Jul-20	-256	100%	0%						
9021	POD_ST14B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	09-Oct-19	22-Oct-19	25-Nov-19A	06-Jun-20	-208	100%	98%						
9015	POD_ST14B_FS - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	01-Jun-20*	24-Jun-20	-315	100%	0%						
9018	POD_ST14B_FS - Wall Dust Sealer	21	03-Sep-19	04-Oct-19	08-Jun-20	03-Jul-20	-220	100%	0%						
9038	POD_ST20B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	09-Oct-19	22-Oct-19	18-Nov-19A	07-Jul-20	-209	100%	98%						
9032	POD_ST20B_FS - Ceiling Dust Sealer	21	05-Jun-19	06-Jul-19	01-Jun-20*	24-Jun-20	-289	100%	0%						
9035	POD_ST20B_FS - Wall Dust Sealer	21	03-Sep-19	04-Oct-19	08-Jun-20	03-Jul-20	-220	100%	0%						
9578	POD_ST51B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	19-Jul-19	01-Aug-19	26-Nov-19A	07-Jul-20	-276	100%	98%						
9572	POD_ST51B_FS - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	01-Jun-20*	24-Jun-20	-315	100%	0%						
9575	POD_ST51B_FS - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	08-Jun-20	03-Jul-20	-287	100%	0%						
9586	POD_ST53B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	19-Jul-19	01-Aug-19	25-Nov-19A	07-Jul-20	-276	100%	98%						
9580	POD_ST53B_FS - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	01-Jun-20*	24-Jun-20	-315	100%	0%						
9583	POD_ST53B_FS - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	04-Jun-20	29-Jun-20	-284	100%	0%						
9594	POD_ST54B_FS - All Other Finishes (DOOR) / Make Good & Clean	6	14-Aug-19	27-Aug-19	18-Nov-19A	07-Jul-20	-254	100%	98%						
9588	POD_ST54B_FS - Ceiling Dust Sealer	21	31-May-19	02-Jul-19	01-Jun-20*	24-Jun-20	-293	100%	0%						
9591	POD_ST54B_FS - Wall Dust Sealer	21	12-Jul-19	10-Aug-19	08-Jun-20	03-Jul-20	-265	100%	0%						
Staircases Not Required for Pressurisation															
9097	POD_ST81 - Permanent Hand Rail	3	16-Sep-19	30-Sep-19	10-Dec-19A	03-Jun-20	-199	100%	98%						
9095	POD_ST81 - MEP 1st fix, 2nd fix	4	29-Jul-19	07-Sep-19	06-Apr-20A	04-Jun-20	-218	100%	30%						
9099	POD_ST81 - All Other Finishes / Make Good & Clean	6	26-Sep-19	11-Oct-19	13-Apr-20A	07-Jul-20	-218	100%	98%						
9093	POD_ST81 - Ceiling Dust Sealer	21	15-Jul-19	13-Aug-19	01-Jun-20*	24-Jun-20	-257	100%	0%						
9096	POD_ST81 - Wall Dust Sealer	21	23-Aug-19	23-Sep-19	08-Jun-20	03-Jul-20	-229	100%	0%						
9103	POD_ST17B - MEP 1st fix, 2nd fix	4	08-Jul-19	17-Aug-19	01-Apr-19A	04-Jun-20	-236	100%	80%						
9105	POD_ST17B - Permanent Hand Rail	2	24-Aug-19	07-Sep-19	21-Oct-19A	02-Jun-20	-216	100%	98%						
9107	POD_ST17B - All Other Finishes (DOOR) / Make Good & Clean	6	04-Sep-19	18-Sep-19	18-Nov-19A	07-Jul-20	-236	100%	98%						
9101															

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020			
										Qtr 2		Qtr 3	
										May	Jun	Jul	Aug
9212	POD_ST72 - All Other Finishes / Make Good & Clean	12	03-Oct-19	17-Oct-19	26-Jun-20	10-Jul-20	-216	100%	0%				
9218	POD_ST75 - Permanent Hand Rail & Balustrade	3	09-Jul-19	23-Jul-19	03-Feb-20A	03-Jun-20	-257	100%	98%				
9216	POD_ST75 - MEP 1stfix, 2nd fix	4	20-May-19	02-Jul-19	16-Mar-20A	04-Jun-20	-276	100%	50%				
9215	POD_ST75 - Timber step treads and landing	21	01-Jun-19	12-Jun-19	01-Jun-20*	24-Jun-20	-309	100%	0%				
9214	POD_ST75 - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	04-Jun-20*	29-Jun-20	-318	100%	0%				
9217	POD_ST75 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	08-Jun-20	03-Jul-20	-287	100%	0%				
9220	POD_ST75 - All Other Finishes / Make Good & Clean	12	19-Jul-19	01-Aug-19	22-Jun-20	07-Jul-20	-276	100%	0%				
9224	POD_ST16 - MEP 1stfix, 2nd fix	3	05-Jun-19	18-Jul-19	14-Oct-19A	03-Jun-20	-261	100%	85%				
9228	POD_ST16 - All Other Finishes (DOOR) / Make Good & Clean	6	05-Aug-19	17-Aug-19	16-Mar-20A	29-Jun-20	-256	100%	75%				
9225	POD_ST16 - Wall Dust Sealer	21	03-Jul-19	01-Aug-19	02-May-20A	24-Jun-20	-267	100%	50%				
9232	POD_ST09 - MEP 1stfix, 2nd fix	3	20-May-19	02-Jul-19	26-Apr-19A	03-Jun-20	-275	100%	90%				
9236	POD_ST09 - All Other Finishes (DOOR) / Make Good & Clean	6	19-Jul-19	01-Aug-19	09-Mar-20A	29-Jun-20	-270	100%	80%				
9233	POD_ST09 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	09-May-20A	24-Jun-20	-281	100%	30%				
9240	POD_ST11 - MEP 1stfix, 2nd fix	3	20-May-19	02-Jul-19	06-May-19A	03-Jun-20	-275	100%	90%				
9239	POD_ST11 - Floor W/proof Screed	4	13-May-19	12-Jun-19	26-Aug-19A	04-Jun-20	-292	100%	80%				
9243	POD_ST11 - Stair Nosing Tile	6	11-Jul-19	25-Jul-19	02-Sep-19A	06-Jun-20	-258	100%	95%				
9244	POD_ST11 - All Other Finishes (DOOR) / Make Good & Clean	9	19-Jul-19	01-Aug-19	16-Mar-20A	29-Jun-20	-270	100%	50%				
9241	POD_ST11 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	09-May-20A	24-Jun-20	-281	100%	30%				
9256	POD_ST10 - MEP 1stfix, 2nd fix	3	12-Jun-19	24-Jul-19	24-Jun-19A	03-Jun-20	-256	100%	90%				
9260	POD_ST10 - All Other Finishes (DOOR) / Make Good & Clean	9	10-Aug-19	23-Aug-19	16-Mar-20A	29-Jun-20	-251	100%	50%				
9257	POD_ST10 - Wall Dust Sealer	21	09-Jul-19	07-Aug-19	09-May-20A	24-Jun-20	-262	100%	30%				
9264	POD_ST03 - MEP 1stfix, 2nd fix	4	16-Apr-19	28-May-19	21-Oct-19A	04-Jun-20	-304	100%	70%				
9263	POD_ST03 - Floor W/proof Screed	6	09-Apr-19	09-May-19	16-Dec-19A	06-Jun-20	-322	100%	66%				
9267	POD_ST03 - Stair Nosing Tile	6	06-Jun-19	21-Jun-19	16-Dec-19A	06-Jun-20	-286	100%	66.07%				
9266	POD_ST03 - Permanent Hand Rail	4	04-Jun-19	19-Jun-19	16-Mar-20A	04-Jun-20	-286	100%	70%				
9262	POD_ST03 - Ceiling Dust Sealer	21	01-Apr-19	02-May-19	06-May-20A	29-Jun-20	-346	100%	30%				
9265	POD_ST03 - Wall Dust Sealer	21	13-May-19	12-Jun-19	11-Jun-20	07-Jul-20	-318	100%	0%				
9268	POD_ST03 - All Other Finishes / Make Good & Clean	12	15-Jun-19	28-Jun-19	26-Jun-20	10-Jul-20	-307	100%	0%				
9345	POD_ST12-13 - MEP 1stfix, 2nd fix	3	16-Apr-19	28-May-19	24-Jun-19A	03-Jun-20	-303	100%	90%				
9347	POD_ST12-13 - Permanent Hand Rail	3	04-Jun-19	19-Jun-19	16-Oct-19A	03-Jun-20	-285	100%	95%				
9349	POD_ST12-13 - All Other Finishes (DOOR) / Make Good & Clean	9	15-Jun-19	28-Jun-19	16-Mar-20A	29-Jun-20	-298	100%	70%				
9346	POD_ST12-13 - Wall Dust Sealer	21	13-May-19	12-Jun-19	02-May-20A	24-Jun-20	-309	100%	30%				
9272	POD_ST18 - MEP 1stfix, 2nd fix	3	16-Apr-19	28-May-19	19-Aug-19A	03-Jun-20	-303	100%	90%				
9276	POD_ST18 - All Other Finishes / Make Good & Clean	6	15-Jun-19	28-Jun-19	09-Mar-20A	29-Jun-20	-298	100%	50%				
9273	POD_ST18 - Wall Dust Sealer	21	13-May-19	12-Jun-19	02-May-20A	24-Jun-20	-309	100%	30%				
9356	POD_ST15 - MEP 1stfix, 2nd fix	3	20-May-19	02-Jul-19	28-May-19A	03-Jun-20	-275	100%	90%				
9360	POD_ST15 - All Other Finishes (DOOR) / Make Good & Clean	6	19-Jul-19	01-Aug-19	09-Mar-20A	29-Jun-20	-270	100%	80%				
9357	POD_ST15 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	02-May-20A	24-Jun-20	-281	100%	30%				
9366	POD_ST08 - MEP 1stfix, 2nd fix	4	15-Jun-19	27-Jul-19	24-Apr-19A	04-Jun-20	-254	100%	80%				
9365	POD_ST08 - Floor W/proof Screed	9	08-Jun-19	09-Jul-19	15-Jul-19A	10-Jun-20	-275	100%	80%				
9369	POD_ST08 - Stair Nosing Tile	12	06-Aug-19	20-Aug-19	02-Sep-19A	13-Jun-20	-242	100%	75%				
9364	POD_ST08 - Ceiling Dust Sealer	21	31-May-19	02-Jul-19	02-May-20A	24-Jun-20	-293	100%	50%				
9367	POD_ST08 - Wall Dust Sealer	21	12-Jul-19	10-Aug-19	09-May-20A	03-Jul-20	-265	100%	30%				
9370	POD_ST08 - All Other Finishes / Make Good & Clean	12	14-Aug-19	27-Aug-19	26-Jun-20	10-Jul-20	-257	100%	0%				
9392	POD_ST02 - Floor W/proof Screed	9	13-May-19	12-Jun-19	15-Jul-19A	10-Jun-20	-297	100%	50%				
9395	POD_ST02 - Permanent Hand Rail	4	09-Jul-19	23-Jul-19	25-Nov-19A	04-Jun-20	-258	100%	70.02%				
9396	POD_ST02 - Stair Nosing Tile	6	11-Jul-19	25-Jul-19	25-Nov-19A	11-Jun-20	-262	100%	50.01%				
9397	POD_ST02 - All Other Finishes (DOOR) / Make Good & Clean	6	19-Jul-19	01-Aug-19	09-Mar-20A	10-Jul-20	-279	100%	80%				
9391	POD_ST02 - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	01-Jun-20*	24-Jun-20	-315	100%	0%				
9394	POD_ST02 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	11-Jun-20	07-Jul-20	-290	100%	0%				
9407	POD_ST14 - All Other Finishes (DOOR) / Make Good & Clean	6	15-Jun-19	28-Jun-19	09-Mar-20A	07-Jul-20	-304	100%	80%				
9404	POD_ST14 - Wall Dust Sealer	21	13-May-19	12-Jun-19	09-May-20A	03-Jul-20	-315	100%	30%				
9401	POD_ST14 - Ceiling Dust Sealer	21	01-Apr-19	02-May-19	01-Jun-20*	24-Jun-20	-343	100%	0%				
9413	POD_ST04 - MEP 1stfix, 2nd fix	3	16-Apr-19	28-May-19	23-Apr-19A	03-Jun-20	-303	100%	90%				
9417	POD_ST04 - All Other Finishes / Make Good & Clean	4	15-Jun-19	28-Jun-19	09-Mar-20A	10-Jun-20	-283	100%	80%				
9421	POD_ST07 - MEP 1stfix, 2nd fix	3	20-May-19	02-Jul-19	23-Apr-19A	03-Jun-20	-275	100%	90%				
9422	POD_ST07 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	13-May-20A	07-Jul-20	-290	100%	30%				
9419	POD_ST07 - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	04-Jun-20*	29-Jun-20	-318	100%	0%				
9425	POD_ST07 - All Other Finishes / Make Good & Clean	12	19-Jul-19	01-Aug-19	26-Jun-20	10-Jul-20	-279	100%	0%				
9430	POD_ST06 - MEP 1stfix, 2nd fix	3	16-Apr-19	28-May-19	29-Apr-19A	03-Jun-20	-303	100%	90%				
9434	POD_ST06 - All Other Finishes (DOOR) / Make Good & Clean	6	15-Jun-19	28-Jun-19	09-Mar-20A	29-Jun-20	-298	100%	80%				
9431	POD_ST06 - Wall Dust Sealer	21	13-May-19	12-Jun-19	09-May-20A	24-Jun-20	-309	100%	20%				
9438	POD_ST17 - MEP 1stfix, 2nd fix	3	20-May-19	02-Jul-19	19-Jun-19A	03-Jun-20	-275	100%	90%				
9442	POD_ST17 - All Other Finishes (DOOR) / Make Good & Clean	9	19-Jul-19	01-Aug-19	09-Mar-20A	07-Jul-20	-276	100%	80%				
9439	POD_ST17 - Wall Dust Sealer	21	15-Jun-19	16-Jul-19	09-May-20A	03-Jul-20	-287	100%	30%				
9436	POD_ST17 - Ceiling Dust Sealer	21	06-May-19	04-Jun-19	01-Jun-20*	24-Jun-20	-315	100%	0%				
9446	POD_ST76 - MEP 1stfix, 2nd fix	4	16-Apr-19	28-May-19	17-Feb-20A	04-Jun-20	-304	100%	80%				
9445	POD_ST76 - Floor W/proof Screed	21	09-Apr-19	09-May-19	01-Jun-20*	24-Jun-20	-337	100%	0%				
9448	POD_ST76 - Permanent Hand Rail	13	04-Jun-19	19-Jun-19	01-Jun-20	15-Jun-20	-295	100%	0%				
9444	POD_ST76 - Ceiling Dust Sealer	21	01-Apr-19	02-May-19	04-Jun-20*	29-Jun-20	-346	100%	0%				
9449	POD_ST76 - Stair Nosing Tile	13	06-Jun-19	21-Jun-19	10-Jun-20	24-Jun-20	-301	100%	0%				
9447	POD_ST76 - Wall Dust Sealer	21	13-May-19	12-Jun-19	11-Jun-20	07-Jul-20	-318	100%	0%				
9450	POD_ST76 - All Other Finishes / Make Good & Clean	12	15-Jun-19	28-Jun-19	26-Jun-20	10-Jul-20	-307	100%	0%				
9596	POD_ST52B - Ceiling Dust Sealer	14	22-Jul-19	20-Aug-19	20-May-19A	16-Jun-20	-244	100%	50%				
9598	POD_ST52B - MEP 1stfix, 2nd fix	3	05-Aug-19	16-Sep-19	09-Sep-19A	03-Jun-20	-211	100%	92.5%				
9600	POD_ST52B - Permanent Hand Rail	2	23-Sep-19	09-Oct-19	11-Nov-19A	02-Jun-20	-192	100%	98%				
9602	POD_ST52B - All Other Finishes / Make Good & Clean	6	04-Oct-19	18-Oct-19	18-Nov-19A	19-Jun-20	-199	100%	89.98%				
9599	POD_ST52B - Wall Dust Sealer	21	30-Aug-19	30-Sep-19	01-Jun-20	24-Jun-20	-217	100%	0%				
9610	POD_ST22 - All Other Finishes (DOOR) / Make Good & Clean	12	21-Aug-19	03-Sep-19	22-Jul-19A	07-Jul-20	-248	100%	5%				
9606	POD_ST22 - MEP 1stfix, 2nd fix	4	22-Jun-19	03-Aug-19	16-Sep-19A	04-Jun-20	-248	100%	75%				
9608	POD_ST22 - Permanent Hand Rail	2	10-Aug-19	24-Aug-19	21-Nov-19A	02-Jun-20	-228	100%	98%				
9604	POD_ST22 - Ceiling Dust Sealer	21	08-Jun-19	09-Jul-19	01-Jun-20*	24-Jun-20	-287	100%	0%				
9607	POD_ST22 - Wall Dust Sealer	21	19-Jul-19	17-Aug-19	08-Jun-20	03-Jul-20	-259	100%	0%				
10063	POD_ST78 - MEP 1stfix, 2nd fix	4	27-Aug-19	10-Oct-19	13-Apr-20A	04-Jun-20	-193	100%	30%				
10061	POD_ST78 - Ceiling Dust Sealer	21	13-Aug-19	11-Sep-19	01-Jun-20*	24-Jun-20	-232	100%	0%				
10064	POD_ST78 - Wall Dust Sealer	21	23-Sep-19	24-Oct-19	04-Jun-20	29-Jun-20	-201	100%	0%				
10067	POD_ST78 - All Other Finishes / Make Good & Clean	12	28-Oct-19	09-Nov-19	18-Jun-20	03-Jul-20	-190	100%	0%				
10071	POD_ST79 - MEP 1stfix, 2nd fix	4	27-Aug-19	10-Oct-19	13-Apr-20A	04-Jun-20	-193	100%	30%				
10069	POD_ST79 - Ceiling Dust Sealer	12	13-Aug-19	11-Sep-19	01-Jun-20	13-Jun-20	-223	100%	0%				
10072	POD_ST79 - Wall Dust Sealer	12	23-Sep-19	24-Oct-19	08-Jun-20	20-Jun-20	-195	100%	0%				
10075	POD_ST79 - All Other Finishes / Make Good & Clean	12	28-Oct-19	09-Nov-19	11-Jun-20	24-Jun-20	-184	100%	0%				
10081	POD_ST24 - Permanent Hand Rail	2	21-Jun-19	06-Jul-19	04-Nov-19A	02-Jun-20	-270	100%	98%				
10083	POD_ST24 - All Other Finishes / Make Good & Clean	12	03-Jul-19	16-Jul-19	18-Nov-19A	07-Jul-20	-290	100%	50.01%				
10079	POD_ST24 - MEP 1stfix, 2nd fix	4	03-May-19	14-Jun-19	13-Apr-20A	04-Jun-20	-290	100%	30%				
10077	POD_ST24 - Ceiling Dust Sealer	21	18-Apr-19	18-May-19	01-Jun-20*	24-Jun-20	-329	100%	0%				
10080	POD_ST24 - Wall Dust Sealer	21	29-May-19	28-Jun-19	08-Jun-20	03-Jul-20	-301	100%	0%				
10089	POD_ST55B - Permanent Hand Rail	2	01-Nov-19	15-Nov-19	07-Oct-19A	02-Jun-20	-160	100%	98%				
10091	POD_ST55B - All Other Finishes / Make Good & Clean	12	12-Nov-19	25-Nov-19	25-Nov-19A	07-Jul-20	-180	100%	89.98%				

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2	Qtr 3		ep		
										May	Jun	Jul	Aug		
Level 5															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L5_Z01															
4364	TW_L5_Z01_RFArea - Close ceiling (Open Cell Metal) incl. Cut-Out (excl. offices)	0	30-Jul-19	09-Aug-19	05-May-20A	03-Jun-20	-241	100%	40%	[Gantt bar: May to Jun]					
3997	TW_L5_Z01_RFArea - Final floor finishes (timber flooring)	12	18-Sep-19	12-Oct-19	26-Jun-20	10-Jul-20	-220	100%	0%	[Gantt bar: Jun to Jul]					
4309	TW_L5_Z01_RFArea - Bamboo Capping	6	14-Oct-19	19-Oct-19	11-Jul-20	17-Jul-20	-220	100%	0%	[Gantt bar: Jul to Aug]					
3992	TW_L5_Z01_RFOffices - Close ceiling (Open Cell Metal) incl. Cut-Outs	0	23-Aug-19	06-Sep-19	02-May-20A	03-Jun-20	-217	100%	40%	[Gantt bar: May to Jun]					
4550	TW_L5_Z01_RFOffices - Fixed Furniture	6	18-Oct-19	24-Oct-19	01-Aug-20	07-Aug-20	-234	100%	0%	[Gantt bar: Aug to Sep]					
3999	TW_L5_Z01_RFArea - All Other Finishes / Make Good & Clean	12	18-Oct-19	31-Oct-19	01-Aug-20	14-Aug-20	-234	100%	0%	[Gantt bar: Aug to Sep]					
11553	TW_L5_Z01_RFOffices - SR3 door & ironmong	0			20-Apr-20A	01-Jun-20		0%	50%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L5_Z02															
4135	TW_L5_Z02_BoH - Wall Epoxy/Emulsion Paint	0	27-Aug-19	12-Sep-19	02-Oct-19A	01-Jun-20	-210	100%	50%	[Gantt bar: Jun to Jul]					
4108	TW_L5_Z02_BoH - Door / Ironmong / Hose Reel Cabs	0	27-Aug-19	06-Sep-19	05-Dec-19A	01-Jun-20	-215	100%	60%	[Gantt bar: Jun to Jul]					
4109	TW_L5_Z02_BoH - All Other Finishes / Make Good & Clean	0	17-Sep-19	30-Sep-19	02-May-20A	12-Jun-20	-206	100%	40%	[Gantt bar: Jun to Jul]					
4133	TW_L5_Z02_BoH - Floor sealer	2	21-Sep-19	23-Sep-19	03-Jun-20	04-Jun-20	-206	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L5_Z03															
4131	TW_L5_Z03_Toilet - Ceiling Finishes (painting)	0	23-Jul-19	26-Jul-19	02-May-20A	01-Jun-20	-251	100%	50%	[Gantt bar: Jun to Jul]					
4124	TW_L5_Z03_Toilet - Door / Ironmong	0	11-Oct-19	12-Oct-19	08-May-20A	03-Jun-20	-189	100%	80%	[Gantt bar: Jun to Jul]					
Level 6															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L6_Z01															
3457	TW_L6_Z01_RFArea - Final floor finishes (timber flooring)	18	05-Sep-19	02-Oct-19	20-Apr-20A	23-Jun-20	-215	100%	10%	[Gantt bar: Jun to Jul]					
3480	TW_L6_Z01_RFArea - Bamboo Capping	10	03-Oct-19	10-Oct-19	24-Jun-20	07-Jul-20	-219	100%	0%	[Gantt bar: Jun to Jul]					
4249	TW_L6_Z01_RFOffices - Fixed Furniture	6	04-Oct-19	11-Oct-19	05-Aug-20	11-Aug-20	-248	100%	0%	[Gantt bar: Aug to Sep]					
3462	TW_L6_Z01_RFArea - All Other Finishes / Make Good & Clean	12	04-Oct-19	18-Oct-19	16-Mar-20A	18-Aug-20	-248	100%	80%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L6_Z02															
3463	TW_L6_Z02_BoH - Door / Ironmong / Hose Reel Cabs	0	16-Jul-19	26-Jul-19	07-Oct-19A	01-Jun-20	-251	100%	80%	[Gantt bar: Jun to Jul]					
3464	TW_L6_Z02_BoH - All Other Finishes / Make Good & Clean	0	16-Aug-19	29-Aug-19	01-Feb-20A	06-Jun-20	-227	100%	60%	[Gantt bar: Jun to Jul]					
3481	TW_L6_Z02_BoH - Floor sealer	2	21-Aug-19	22-Aug-19	01-Jun-20	02-Jun-20	-230	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L6_Z03															
3440	TW_L6_Z03_Toilet - Door / Ironmong	0	09-Nov-19	11-Nov-19	26-Feb-20A	03-Jun-20	-164	100%	80%	[Gantt bar: Jun to Jul]					
Level 7															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L7_Z01															
3396	TW_L7_Z01_RFArea - Final floor finishes (timber flooring)	18	05-Sep-19	28-Sep-19	29-May-20A	06-Jul-20	-226	100%	10%	[Gantt bar: Jun to Jul]					
3419	TW_L7_Z01_RFArea - Bamboo Capping	6	30-Sep-19	08-Oct-19	07-Jul-20	13-Jul-20	-226	100%	0%	[Gantt bar: Jun to Jul]					
3397	TW_L7_Z01_RFOffices - Glass Partition & Doors/Ironmong	0	27-Sep-19	08-Oct-19	08-Jul-19A	01-Jun-20	-191	100%	80%	[Gantt bar: Jun to Jul]					
4250	TW_L7_Z01_RFOffices - Fixed Furniture	6	02-Oct-19	09-Oct-19	10-Aug-20	15-Aug-20	-254	100%	0%	[Gantt bar: Aug to Sep]					
3401	TW_L7_Z01_RFArea - All Other Finishes / Make Good & Clean	12	02-Oct-19	16-Oct-19	10-Aug-20	22-Aug-20	-254	100%	0%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L7_Z02															
3422	TW_L7_Z02_BoH - Wall Epoxy/Emulsion Paint	0	23-Aug-19	09-Sep-19	02-Oct-19A	01-Jun-20	-213	100%	50%	[Gantt bar: Jun to Jul]					
3403	TW_L7_Z02_BoH - All Other Finishes / Make Good & Clean	0	12-Sep-19	26-Sep-19	07-May-20A	12-Jun-20	-209	100%	40%	[Gantt bar: Jun to Jul]					
3420	TW_L7_Z02_BoH - Floor sealer	2	18-Sep-19	19-Sep-19	03-Jun-20	04-Jun-20	-209	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L7_Z03															
3380	TW_L7_Z03_Toilet - All Other Finishes / Make Good & Clean	0	09-Nov-19	22-Nov-19	05-May-20A	10-Jun-20	-160	100%	60%	[Gantt bar: Jun to Jul]					
3379	TW_L7_Z03_Toilet - Door / Ironmong	0	14-Nov-19	15-Nov-19	09-May-20A	03-Jun-20	-160	100%	80%	[Gantt bar: Jun to Jul]					
Level 8															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L8_Z01															
3335	TW_L8_Z01_RFArea - Final floor finishes (timber flooring)	18	13-Sep-19	11-Oct-19	13-Jun-20	06-Jul-20	-217	100%	0%	[Gantt bar: Jun to Jul]					
3358	TW_L8_Z01_RFArea - Bamboo Capping	6	12-Oct-19	18-Oct-19	18-Oct-19	07-Jul-20	-217	100%	0%	[Gantt bar: Jun to Jul]					
6461	TW_L8_Z01_RFOffices - Movable Partition	6	09-Oct-19	15-Oct-19	23-Mar-20A	09-Jul-20	-217	100%	30%	[Gantt bar: Jun to Jul]					
4251	TW_L8_Z01_RFOffices - Fixed Furniture	6	14-Oct-19	19-Oct-19	14-Aug-20	20-Aug-20	-249	100%	0%	[Gantt bar: Aug to Sep]					
3340	TW_L8_Z01_RFArea - All Other Finishes / Make Good & Clean	12	14-Oct-19	26-Oct-19	14-Aug-20	27-Aug-20	-249	100%	0%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L8_Z02															
3361	TW_L8_Z02_BoH - Wall Epoxy/Emulsion Paint	0	19-Jul-19	05-Aug-19	09-Sep-19A	01-Jun-20	-243	100%	50%	[Gantt bar: Jun to Jul]					
3359	TW_L8_Z02_BoH - Floor sealer	0	05-Aug-19	06-Aug-19	11-Mar-20A	02-Jun-20	-243	100%	50%	[Gantt bar: Jun to Jul]					
3342	TW_L8_Z02_BoH - All Other Finishes / Make Good & Clean	0	31-Jul-19	13-Aug-19	04-May-20A	09-Jun-20	-243	100%	40%	[Gantt bar: Jun to Jul]					
Toilets - TW_L8_Z03															
6527	TW_L8_Z03_Toilet - All Other Finishes / Make Good & Clean	0	15-Nov-19	28-Nov-19	04-May-20A	03-Jun-20	-149	100%	60%	[Gantt bar: Jun to Jul]					
Level 9															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L9_Z01															
3274	TW_L9_Z01_RFArea - Final floor finishes (timber flooring)	18	17-Sep-19	11-Oct-19	03-Jun-20	23-Jun-20	-208	100%	0%	[Gantt bar: Jun to Jul]					
6285	TW_L9_Z01_RFArea - Bamboo Capping	6	12-Oct-19	18-Oct-19	24-Jun-20	02-Jul-20	-208	100%	0%	[Gantt bar: Jun to Jul]					
3275	TW_L9_Z01_RFOffices - Glass Partition & Doors/Ironmong	0	14-Oct-19	18-Oct-19	01-Aug-19A	01-Jun-20	-182	100%	69.93%	[Gantt bar: Jun to Jul]					
4252	TW_L9_Z01_RFOffices - Fixed Furniture	6	17-Oct-19	23-Oct-19	19-Aug-20	25-Aug-20	-250	100%	0%	[Gantt bar: Aug to Sep]					
3279	TW_L9_Z01_RFArea - All Other Finishes / Make Good & Clean	12	17-Oct-19	30-Oct-19	19-Aug-20	01-Sep-20	-250	100%	0%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L9_Z02															
6109	TW_L9_Z02_BoH - All Other Finishes / Make Good & Clean	0	11-Sep-19	25-Sep-19	04-Mar-20A	04-Jun-20	-203	100%	50%	[Gantt bar: Jun to Jul]					
6296	TW_L9_Z02_BoH - Floor sealer	0	17-Sep-19	18-Sep-19	08-May-20A	01-Jun-20	-206	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L9_Z03															
3258	TW_L9_Z03_Toilet - All Other Finishes / Make Good & Clean	0	25-Nov-19	07-Dec-19	23-Mar-20A	08-Jun-20	-145	100%	60%	[Gantt bar: Jun to Jul]					
3257	TW_L9_Z03_Toilet - Door / Ironmong	0	29-Nov-19	30-Nov-19	11-May-20A	01-Jun-20	-145	100%	80%	[Gantt bar: Jun to Jul]					
Level 10															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L10_Z01															
3214	TW_L10_Z01_RFArea - Final floor finishes (timber flooring)	28	24-Sep-19	21-Oct-19	03-Jun-20	07-Jul-20	-210	100%	0%	[Gantt bar: Jun to Jul]					
3237	TW_L10_Z01_RFArea - Bamboo Capping	6	22-Oct-19	28-Oct-19	08-Jul-20	14-Jul-20	-210	100%	0%	[Gantt bar: Jun to Jul]					
3215	TW_L10_Z01_RFOffices - Glass Partition & Doors/Ironmong	0	19-Oct-19	28-Oct-19	01-Aug-19A	01-Jun-20	-174	100%	70%	[Gantt bar: Jun to Jul]					
4253	TW_L10_Z01_RFOffices - Fixed Furniture	6	23-Oct-19	29-Oct-19	24-Aug-20	29-Aug-20	-249	100%	0%	[Gantt bar: Aug to Sep]					
3219	TW_L10_Z01_RFArea - All Other Finishes / Make Good & Clean	12	23-Oct-19	05-Nov-19	24-Aug-20	05-Sep-20	-249	100%	0%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L10_Z02															
3227	TW_L10_Z02_BoH - Door Frame & Plastering of Perimeter Edges	0	18-Apr-19	26-Apr-19	09-Sep-19A	01-Jun-20	-326	100%	85%	[Gantt bar: Jun to Jul]					
3240	TW_L10_Z02_BoH - Wall Epoxy/Emulsion Paint	0	30-Aug-19	17-Sep-19	02-Oct-19A	04-Jun-20	-210	100%	70%	[Gantt bar: Jun to Jul]					
3220	TW_L10_Z02_BoH - Door / Ironmong / Hose Reel Cabs	0	30-Aug-19	10-Sep-19	10-Sep-19	04-Jun-20	-215	100%	85%	[Gantt bar: Jun to Jul]					
3221	TW_L10_Z02_BoH - All Other Finishes / Make Good & Clean	0	11-Sep-19	25-Sep-19	23-Mar-20A	09-Jun-20	-207	100%	50%	[Gantt bar: Jun to Jul]					
3238	TW_L10_Z02_BoH - Floor sealer	2	17-Sep-19	18-Sep-19	03-Jun-20	04-Jun-20	-210	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L10_Z03															
3198	TW_L10_Z03_Toilet - All Other Finishes / Make Good & Clean	0	25-Nov-19	07-Dec-19	02-May-20A	03-Jun-20	-141	100%	60%	[Gantt bar: Jun to Jul]					
Level 11															
ABWF & MEP Works															
Raised Floor Area (Offices, Concourse, Lobbies) - TW_L11_Z01															
3184	TW_L11_Z01_RFArea - Close ceiling (slat ceiling) (excl. offices)	30	23-Jul-19	29-Jul-19	03-Jun-20	09-Jul-20	-281	100%	0%	[Gantt bar: Jun to Jul]					
3154	TW_L11_Z01_RFArea - Final floor finishes (timber flooring)	20	11-Sep-19	02-Oct-19	03-Jun-20	26-Jun-20	-217	100%	0%	[Gantt bar: Jun to Jul]					
3501	TW_L11_Z01_RFArea - Bamboo Planks Finish on Wall & Ceiling	8	03-Oct-19	09-Oct-19	19-Jun-20	29-Jun-20	-215	100%	0%	[Gantt bar: Jun to Jul]					
3177	TW_L11_Z01_RFArea - Bamboo Capping	8	03-Oct-19	10-Oct-19	22-Jun-20	02-Jul-20	-215	100%	0%	[Gantt bar: Jun to Jul]					
3152	TW_L11_Z01_RFOffices - Close ceiling (slat ceiling)	16	14-Aug-19	30-Aug-19	03-Jun-20	20-Jun-20	-239	100%	0%	[Gantt bar: Jun to Jul]					
4254	TW_L11_Z01_RFOffices - Fixed Furniture	6	09-Oct-19	15-Oct-19	28-Aug-20	03-Sep-20	-265	100%	0%	[Gantt bar: Aug to Sep]					
3159	TW_L11_Z01_RFArea - All Other Finishes / Make Good & Clean	12	09-Oct-19	22-Oct-19	28-Aug-20	10-Sep-20	-265	100%	0%	[Gantt bar: Jun to Jul]					
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L11_Z02															
3180	TW_L11_Z02_BoH - Wall Epoxy/Emulsion Paint	0	30-Aug-19	17-Sep-19	18-Sep-19A	01-Jun-20	-207	100%	70%	[Gantt bar: Jun to Jul]					
3161	TW_L11_Z02_BoH - All Other Finishes / Make Good & Clean	0	11-Sep-19	25-Sep-19	18-Feb-20A	06-Jun-20	-205	100%	50%	[Gantt bar: Jun to Jul]					
3178	TW_L11_Z02_BoH - Floor sealer	2	17-Sep-19	18-Sep-19	01-Jun-20	02-Jun-20	-208	100%	0%	[Gantt bar: Jun to Jul]					
Toilets - TW_L11_Z03															
4522	TW_L11_Z03_Toilet - MEP final fix	0	09-Sep-19	16-Sep-19	16-Dec-19A	02-Jun-20	-209	100%	95%	[Gantt bar: Jun to Jul]					
3149	TW_L11_Z03_Toilet - Sanitary ware & fittings	6	16-Nov-19	26-Nov-19	20-Dec-19A	06-Jun-20	-155	100%	95%	[Gantt bar: Jun to Jul]					
4517	TW_L11_Z03_Toilet - Close ceiling (board) incl. Cut-Outs	0	28-Aug-19	03-Sep-19	02-May-20A	01-Jun-20	-218	100%	95%	[Gantt bar: Jun to Jul]					
3148	TW_L11_Z03_Toilet - Wall finishes (bamboo planks)	14	31-Oct-19	15-Nov-19	18-Jun-20	06-Jul-20	-187	100%	0%	[Gantt bar: Jun to Jul]					
3502	TW_L11_Z03_Toilet - Cubicle Partition (with bamboo veneer)	6	30-Apr-19	07-May-19	18-Jun-20	24-Jun-20	-339	100%	0%	[Gantt bar: Jun to Jul]					
4515	TW_L11_Z03_Toilet - All Other Finishes / Make Good & Clean	12	23-Nov-19	06-Dec-19	03-Jul-20	16-Jul-20	-178	100%	0%	[Gantt bar: Jun to Jul]					

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3			
										May	Jun	Jul	Aug	ep	
Toilets (FoH & BoH) - TW_L13_Z03															
3654	TW_L13_Z03_Toilet-All Other Finishes/Make Good & Clean	0	09-Dec-19	21-Dec-19	21-Feb-20A	03-Jun-20	-129	100%	50%						
Level 14															
ABWF & MEP Works															
FoH Areas (Offices, Concourse & Lobbies) - TW_L14_Z01															
3803	TW_L14_Z01_FoH-All Other Finishes/Make Good & Clean	0	02-Sep-19	17-Sep-19	02-May-20A	03-Jun-20	-210	100%	30%						
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L14_Z02															
3604	TW_L14_Z02_BoH-Wall EpoxyEmulsion Paint	0	24-Aug-19	10-Sep-19	05-Feb-20A	01-Jun-20	-212	100%	50%						
3591	TW_L14_Z02_BoH-All Other Finishes/Make Good & Clean	0	13-Sep-19	27-Sep-19	02-May-20A	12-Jun-20	-208	100%	40%						
3602	TW_L14_Z02_BoH-Floor sealer	2	19-Sep-19	20-Sep-19	03-Jun-20	04-Jun-20	-208	100%	0%						
Toilets (FoH & BoH) - TW_L14_Z03															
3674	TW_L14_Z03_Toilet-All Other Finishes/Make Good & Clean	0	09-Dec-19	21-Dec-19	21-Feb-20A	01-Jun-20	-127	100%	50%						
Level 15															
ABWF & MEP Works															
FoH Areas (Offices, Concourse & Lobbies) - TW_L15_Z01															
3804	TW_L15_Z01_FoH-Ceiling Sealer	0	27-Dec-18	03-Jan-19	02-May-20A	01-Jun-20	-416	100%	50%						
3816	TW_L15_Z01_FoH-All Other Finishes/Make Good & Clean	0	17-Jul-19	31-Jul-19	05-May-20A	03-Jun-20	-250	100%	30%						
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L15_Z02															
3623	TW_L15_Z02_BoH-Wall EpoxyEmulsion Paint	0	20-Jun-19	09-Jul-19	02-Dec-19A	01-Jun-20	-267	100%	50%						
3610	TW_L15_Z02_BoH-All Other Finishes/Make Good & Clean	0	11-Jul-19	25-Jul-19	05-May-20A	06-Jun-20	-258	100%	30%						
3621	TW_L15_Z02_BoH-Floor sealer	2	16-Jul-19	18-Jul-19	01-Jun-20	02-Jun-20	-261	100%	0%						
Toilets (FoH & BoH) - TW_L15_Z03															
3694	TW_L15_Z03_Toilet-All Other Finishes/Make Good & Clean	0	19-Nov-19	03-Dec-19	21-Feb-20A	01-Jun-20	-144	100%	50%						
BoH Kitchen - TW_L15_Z04															
4156	TW_L15_Z04_Kitchen-All Other Finishes (DOOR)/Make Good & Clean	0	16-Jul-19	23-Jul-19	27-Feb-20A	01-Jun-20	-255	100%	90.01%						
Level 16															
ABWF & MEP Works															
FoH Areas (Offices, Concourse & Lobbies) - TW_L16_Z01															
3829	TW_L16_Z01_FoH-All Other Finishes/Make Good & Clean	0	17-Jul-19	31-Jul-19	06-May-20A	03-Jun-20	-250	100%	30%						
BoH Plant Rooms, Corridors & Lift Lobbies - TW_L16_Z02															
3747	TW_L16_Z02_BoH-Wall EpoxyEmulsion Paint	0	25-Jul-19	10-Aug-19	03-Mar-20A	01-Jun-20	-238	100%	50%						
3736	TW_L16_Z02_BoH-Wall & Ceiling Sealer	0	21-May-19	25-May-19	02-May-20A	01-Jun-20	-302	100%	50%						
3734	TW_L16_Z02_BoH-All Other Finishes/Make Good & Clean	0	14-Aug-19	27-Aug-19	05-May-20A	08-Jun-20	-230	100%	30%						
Toilets (FoH & BoH) - TW_L16_Z03															
3714	TW_L16_Z03_Toilet-All Other Finishes/Make Good & Clean	0	05-Nov-19	19-Nov-19	21-Feb-20A	01-Jun-20	-156	100%	50%						
BoH Kitchen - TW_L16_Z04															
4166	TW_L16_Z04_Kitchen-All Other Finishes (DOOR)/Make Good & Clean	0	03-Aug-19	10-Aug-19	20-Nov-19A	01-Jun-20	-239	100%	95%						
Level RF															
ABWF & MEP Works - TW_RF_Z01 & RF_Z02															
4222	TW_RF_Z01 & RF_Z02-Builders Works Plant Rooms	2	29-Mar-19	13-May-19	01-May-19A	02-Jun-20	-316	100%	80%						
4225	TW_RF_Z01-MEP final fix Plant Rooms	3	14-Aug-19	11-Sep-19	23-Sep-19A	03-Jun-20	-215	100%	95%						
3833	TW_RF_Z01 & Z02-All Other Finishes (DOOR)/Make Good & Clean	6	23-Sep-19	09-Oct-19	03-Jun-19A	06-Jun-20	-197	100%	83%						
EWS (External Wall System)															
M+ Tower LED System															
Installation, T&C															
Installation															
11115	TW_LED-Lighting Rectification Works	19	11-Feb-20	30-Mar-20	05-May-20A	22-Jun-20	-70	100%	10%						
T&C															
11114	TW_LED-Ad Hoc Connection Test (AOM Checks, Light on floor/facade)	0	20-Dec-19	17-Feb-20	17-Feb-20A	01-Jun-20	-87	100%	80%						
11115	TW_LED-T&C with Consultant Pre-Check (ad hoc)	11	18-Feb-20	23-Mar-20	09-May-20A	12-Jun-20	-68	100%	0%						
11114	TW_LED-Planned Integrated Connection Test (AOM, Light on floor/facade)	11	18-Feb-20	23-Mar-20	01-Jun-20	12-Jun-20	-68	100%	0%						
11115	TW_LED-T&C with Consultant Planned & Final Inspection (BMU required)	18	24-Mar-20	14-Apr-20	13-Jun-20	06-Jul-20	-68	100%	0%						
Install EWS (External Wall System - Facade)															
3834	TW_EWS-All Other Finishes/Make Good & Clean	0	04-Jul-19	29-Aug-19	01-Jul-19A	04-Jun-20	-226	100%	29.56%						
3764	TW_EWS-Install Anclages @ Roof (flushings/cladding/cable connections/balustrade)	0	04-Jul-19	15-Aug-19	01-Oct-19A	01-Jun-20	-235	100%	82%						
Vertical Transportation															
Lifts															
6533	TW_LT03/04 Central-Staff Lifts (B2F-13F)-Lift Pit/Shaft/Machine Rm MEP 1st,2nd,FI	0	19-Jun-19	28-Aug-19	26-Dec-19A	01-Jun-20	-223	100%	70%						
6437	TW_Lifts-All Other Finishes/Make Good & Clean	0	29-Aug-19	26-Sep-19	13-Apr-20A	08-Jun-20	-205	100%	30%						
Staircases															
ST-02a Central															
4193	TW_ST02a Central-Ceiling Dust Sealer	0	24-Jan-19	01-Mar-19	02-May-20A	01-Jun-20	-373	100%	70%						
4196	TW_ST02a Central-Wall Dust Sealer	0	12-Mar-19	11-Apr-19	29-May-20A	01-Jun-20	-339	100%	30%						
4198	TW_ST02a Central-Floor Bamboo Plank 4F to 11F	16	11-Jul-19	29-Jul-19	18-Jun-20	08-Jul-20	-280	100%	0%						
6438	TW_ST02a Central-All Other Finishes (DOOR)/Make Good & Clean	12	23-Jul-19	05-Aug-19	02-Jul-20	15-Jul-20	-280	100%	0%						
ST-02 Central															
4184	TW_ST02 Central-Ceiling Dust Sealer	0	24-Jan-19	01-Mar-19	03-May-20A	01-Jun-20	-373	100%	70%						
4188	TW_ST02 Central-Wall Dust Sealer	5	12-Mar-19	11-Apr-19	09-May-20A	06-Jun-20	-345	100%	30%						
4191	TW_ST02 Central-Floor Dust Sealer	0	22-Apr-19	07-May-19	16-May-20A	02-Jun-20	-319	100%	60%						
6440	TW_ST02 Central-All Other Finishes (DOOR)/Make Good & Clean	12	08-May-19	21-May-19	30-May-20A	13-Jun-20	-318	100%	10%						
ST-03 East Core															
4178	TW_ST03_East-Ceiling & Beam Dust Sealer	0	18-Jul-19	17-Aug-19	09-Mar-20A	01-Jun-20	-233	100%	70%						
4181	TW_ST03_East-Wall Dust Sealer	0	27-Aug-19	27-Sep-19	02-May-20A	01-Jun-20	-199	100%	30%						
6441	TW_ST03_East-All Other Finishes (DOOR)/Make Good & Clean	0	30-Sep-19	16-Oct-19	29-May-20A	04-Jun-20	-188	100%	50%						
ST-01 West Core															
6442	TW_ST01_East-All Other Finishes (DOOR)/Make Good & Clean	12	30-Sep-19	16-Oct-19	16-Sep-19A	06-Jul-20	-214	100%	79.98%						
4168	TW_ST01_East-Ceiling & Beam Dust Sealer	12	18-Jul-19	17-Aug-19	02-Mar-20A	13-Jun-20	-245	100%	10%						
4171	TW_ST01_East-Wall Dust Sealer	26	27-Aug-19	27-Sep-19	01-Jun-20	02-Jul-20	-225	100%	0%						
Testing & Commissioning															
Electrical & Controls															
7624	TW_POW-Lighting & Control T&C	3	25-Oct-19	21-Nov-19	18-Feb-20A	03-Jun-20	-156	100%	80%						
7625	TW_POW-IT Systems Test	6	25-Oct-19	21-Nov-19	05-May-20A	06-Jun-20	-159	100%	50%						
7626	TW_POW-AV Systems Test	12	08-Nov-19	21-Nov-19	05-May-20A	13-Jun-20	-165	100%	50%						
CSF BUILDING															
Construction															
Level GF															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_GF_Z01															
6108	CSF_GF_Z01_FoH-Exh. Layout Rm Timber flooring	6	22-Jan-20	11-Feb-20	30-Mar-20A	06-Jun-20	-98	100%	70%						
6107	CSF_GF_Z01_FoH-Exh. Layout Rm & Vis. Storage Roller Blind System Ins'n	9	20-Aug-19	29-Aug-19	08-May-20A	10-Jun-20	-231	100%	10%						
5737a	CSF_GF_Z01_FoH-1 no O'S SR3 Doors & Iron. (Permanent)	3			18-Jul-20	21-Jul-20		0%	0%						
111136	CSF_GF_Z01_FoH-Museum Storage System (Fixed Screen & Dwg Cabinets) Installa	12			03-Aug-20*	15-Aug-20		0%	0%						
Level 1															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L1_Z01															
11583	CSF_L1_Z01_FoH-Mobile Screen Installation	28			20-Jul-20	20-Aug-20		0%	0%						
11580	CSF_L1_Z01_FoH-Museum Storage System (3 Items) Installation	10			01-Aug-20	12-Aug-20		0%	0%						
Level 2															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L2_Z01															
11579	CSF_L2_Z01_FoH-Museum Storage System (2 Items) Installation	28			20-Jul-20	20-Aug-20		0%	0%						
11584	CSF_L2_Z01_FoH-Mobile Screen Installation	28			20-Jul-20	20-Aug-20		0%	0%						
Level 3															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L3_Z01															
11581	CSF_L3_Z01_FoH-Museum Storage System (2 Items) Installation	28			20-Jul-20	20-Aug-20		0%	0%						
Level 4															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L4_Z01															
11585	CSF_L4_Z01_FoH-Mobile Screen Installation	35			20-Jul-20	28-Aug-20		0%	0%						
111137	CSF_L4_Z01_FoH-Museum Storage System (Drawing Cabinets) Installation	35			20-Jul-20	28-Aug-20		0%	0%						
Level 5															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L5_Z01															
11582	CSF_L5_Z01_FoH-Museum Storage System (3 Items) Installation	35			20-Jul-20	28-Aug-20		0%	0%						
Level 6															
ABWF & MEP Works															
FoH Areas (Storages, Offices, Lift Lobby etc) - CSF_L6_Z01															
11586	CSF_L6_Z01_FoH-Lab Furniture & Loose Furniture Installation @ Paper Scroll & Sci I	6			18-May-20A	06-Jun-20		0%	60%						
BOH (GL'B'+; 5'-6' & G.L.F.; 4'+-5+') - CSF_L6_Z03															
111134	CSF_L6_Z03_BoH-Pantry PA2 & White Goods Installation	6			01-Aug-20	07-Aug-20		0%	0%						
Level 7															
ABWF & MEP Works															

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3			ep
										May	Jun	Jul	Aug		
FoH Areas (Storages, Offices, Lift Lobby etc.) - CSF_L7_Z01															
11587	CSF_L7_Z01_FoH-Lab Furniture & Loose Furniture Installatn @ Paper Scroll & Sci L	3			18-May-20A	03-Jun-20		0%	67%						
111133	CSF_L7_Z01_FoH-Resin Floor System Installation	3			21-May-20A	03-Jun-20		0%	75%						
Corridors with Suspended Ceilings - CSF_L7_Z02															
5876	CSF_L7_Z02_Corr-All Other Finishes (DOOR)/Make Good & Clean	4	15-Aug-19	21-Aug-19	23-Dec-19A	04-Jun-20	-233	100%	85.02%						
BOH (GL B'+B'+; 5'+6' & G.L.F.'; 4'+-5'+) - CSF_L7_Z03															
111135	CSF_L7_Z03_BoH-Pantry PA2 & White Goods Installation	6			08-Aug-20	14-Aug-20		0%	0%						
Landscaping															
3942	CSF_LAN-Install irrigation system	18	23-Jan-20	28-Feb-20	01-Jun-20*	20-Jun-20	-95	100%	0%						
3944	CSF_LAN-Fill top soil	12	29-Feb-20	13-Mar-20	16-Jun-20	30-Jun-20	-90	100%	0%						
3950	CSF_LAN-Soft Landscaping with drip feed system	21	14-Mar-20	08-Apr-20	19-Jun-20	15-Jul-20	-81	100%	0%						
Vertical Transportation															
Lifts															
5488	CSF_LT53-Service lift (B2-L7)-Lift Pit/Shaft/Machine Room MEP 1st/2nd final fix	4	17-Sep-19	27-Nov-19	13-Nov-19A	04-Jun-20	-152	100%	85%						
Testing & Commissioning															
Electrical & Controls															
7700	CSF_POW-EMSD Test Other Lifts w/ Permanent Power & Issue Cert.	6	28-Nov-19	28-Nov-19	23-Oct-19A	06-Jun-20	-154	100%	95%						
7692	CSF_POW-BMS Systems Test	6	03-Dec-19	16-Dec-19	23-Nov-19A	06-Jun-20	-138	100%	80%						
7689	CSF_POW-IT Systems Test	5	19-Nov-19	02-Dec-19	06-Feb-20A	05-Jun-20	-149	100%	90%						
7690	CSF_POW-AV Systems Test	9	03-Dec-19	16-Dec-19	01-Jun-20	10-Jun-20	-141	100%	0%						
RDE BUILDING															
Construction															
Initial Works, Establishment & Miscellaneous															
14238f	RDE-Architectural Lightings Installation (C46)	12	10-Feb-20	22-Feb-20	01-Aug-20	14-Aug-20	-145	100%	0%						
9701	RDE_MEP-Minor MEP Works MH16 opening L1-L5	18	08-Nov-19	12-Dec-19	01-Jun-20	20-Jun-20	-153	100%	0%						
Level GF															
ABWF & MEP Works															
FoH Areas (Retail, Passenger Lift Lobbies & Terrace) - RDE_GF_Z01															
4692	RDE_GF_Z01_FoH-MEP 2nd fix	6	30-Sep-19	29-Oct-19	02-Sep-19A	10-Jun-20	-182	100%	90%						
4698	RDE_GF_Z01_FoH-Floor Sealer	12	20-Nov-19	25-Nov-19	28-Feb-20A	19-Jun-20	-167	100%	9.99%						
4693	RDE_GF_Z01_FoH-MEP final fix	15	30-Oct-19	19-Nov-19	01-Jun-20	17-Jun-20	-170	100%	0%						
4691a	RDE_GF_Z01_FoH-MEP 1st fix (Part2) (after material hoist closure)	7			01-Jun-20*	08-Jun-20		0%	0%						
4746	RDE_GF_Z01_FoH-Glass Partition installation	26	05-Dec-19	11-Dec-19	15-Jun-20	16-Jul-20	-174	100%	0%						
4694	RDE_GF_Z01_FoH-All Other Finishes/Make Good & Clean	12	19-Nov-19	02-Dec-19	10-Jul-20	23-Jul-20	-188	100%	0%						
BoH Plant Rooms, Corridors, FS & Service Lift Lobbies - RDE_GF_Z02															
4680	RDE_GF_Z02_BoH-MEP 2nd fix	4	10-May-19	30-May-19	01-Apr-19A	04-Jun-20	-302	100%	98%						
4681	RDE_GF_Z02_BoH-Door Frame & Plastering of Perimeter Edges	3	27-Feb-19	04-Mar-19	02-Oct-19A	03-Jun-20	-374	100%	93.1%						
4687	RDE_GF_Z02_BoH-Wall epoxy/emulsion paint final coat	14	10-Jun-19	13-Jun-19	04-Nov-19A	16-Jun-20	-301	100%	80%						
4675	RDE_GF_Z02_BoH-Door/Ironmong/Hose Reel Cabs	6	31-May-19	08-Jun-19	11-Nov-19A	08-Jun-20	-298	100%	90%						
4676	RDE_GF_Z02_BoH-All Other Finishes/Make Good & Clean	12	02-Oct-19	16-Oct-19	18-May-20A	23-Jun-20	-204	100%	60%						
4688	RDE_GF_Z02_BoH-MEP final fix	12	24-Sep-19	09-Oct-19	01-Jun-20	13-Jun-20	-202	100%	0%						
Level 1															
ABWF & MEP Works															
FoH Areas (Retail, Passenger Lift Lobbies & Terrace) - RDE_L1_Z01															
4741	RDE_L1_Z01_FoH-Floor Sealer	9	27-Dec-19	31-Dec-19	28-Mar-20A	16-Jun-20	-134	100%	25%						
4737	RDE_L1_Z01_FoH-MEP final fix	12	05-Dec-19	26-Dec-19	01-Jun-20	13-Jun-20	-136	100%	0%						
4735a	RDE_L1_Z01_FoH-MEP 1st fix (Part2) (after material hoist closure)	8			01-Jun-20*	09-Jun-20		0%	0%						
10116	RDE_L1_Z01_FoH-Glass Partition installation	26			17-Jun-20	18-Jul-20		0%	0%						
4738	RDE_L1_Z01_FoH-All Other Finishes/Make Good & Clean	12	24-Dec-19	08-Jan-20	13-Jul-20	25-Jul-20	-160	100%	0%						
BoH Plant Rooms, Corridors, FS & Service Lift Lobbies - RDE_L1_Z02															
4713	RDE_L1_Z02_BoH-Wet Trades (plaster/screed/C&W_sealer/undercoat)	3	29-Mar-19	15-Apr-19	16-Nov-18A	03-Jun-20	-339	100%	91%						
4708	RDE_L1_Z02_BoH-MEP 2nd fix	4	25-Oct-19	14-Nov-19	01-Apr-19A	04-Jun-20	-163	100%	95%						
4709	RDE_L1_Z02_BoH-Door Frame & Plastering of Perimeter Edges	2	15-May-19	21-May-19	12-Aug-19A	02-Jun-20	-308	100%	90%						
4704	RDE_L1_Z02_BoH-Misc Metal Works/Access Panels	6	15-Nov-19	21-Nov-19	02-Sep-19A	08-Jun-20	-160	100%	67%						
4711	RDE_L1_Z02_BoH-Lobbies & Cor Close ceiling (board) incl. Cut-Outs	7	22-Nov-19	28-Nov-19	07-Oct-19A	08-Jun-20	-154	100%	90%						
4714	RDE_L1_Z02_BoH-Wall epoxy/emulsion paint final coat	9	29-Nov-19	02-Dec-19	04-Nov-19A	20-Jun-20	-162	100%	78%						
4702	RDE_L1_Z02_BoH-Door/Ironmong/Hose Reel Cabs	6	15-Nov-19	23-Nov-19	11-Nov-19A	20-Jun-20	-169	100%	90%						
4712	RDE_L1_Z02_BoH-Floor sealer	12	02-Dec-19	03-Dec-19	25-Nov-19A	24-Jun-20	-164	100%	80%						
4703	RDE_L1_Z02_BoH-All Other Finishes/Make Good & Clean	12	27-Nov-19	10-Dec-19	20-May-20A	03-Jun-20	-164	100%	60%						
4715	RDE_L1_Z02_BoH-MEP final fix	12	15-Nov-19	28-Nov-19	11-Jun-20	24-Jun-20	-168	100%	0%						
Toilets - RDE_L1_Z03															
4723	RDE_L1_Z03_Toilet-MEP 2nd fix	2	06-Mar-19	19-Mar-19	01-Apr-19A	02-Jun-20	-360	100%	99%						
4730	RDE_L1_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	2	13-Apr-19	19-Apr-19	17-Jun-19A	02-Jun-20	-334	100%	98%						
4725	RDE_L1_Z03_Toilet-MEP final fix	6	24-Sep-19	30-Sep-19	20-Jan-20A	06-Jun-20	-202	100%	60%						
4733	RDE_L1_Z03_Toilet-Ceiling finishes final coat	3	27-Mar-19	20-Apr-19	20-Apr-20A	03-Jun-20	-352	100%	50%						
4719	RDE_L1_Z03_Toilet-All Other Finishes/Make Good & Clean	1	03-Oct-19	10-Oct-19	15-May-20A	13-Jun-20	-201	100%	60%						
Level 2															
ABWF & MEP Works															
FoH Areas (RDE, Passenger Lift Lobbies & Terrace) - RDE_L2_Z01															
4780	RDE_L2_Z01_FoH-MEP 2nd fix	3	10-May-19	06-Jun-19	01-Apr-19A	12-Jun-20	-303	100%	98%						
4785	RDE_L2_Z01_FoH-Floor Sealer	14	17-Oct-19	22-Oct-19	27-Mar-20A	18-Jun-20	-196	100%	30%						
4782	RDE_L2_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	14-May-20A	26-Jun-20	-196	100%	60%						
4779a	RDE_L2_Z01_FoH-MEP 1st fix (Part2) (after material hoist closure)	9			01-Jun-20*	10-Jun-20		0%	0%						
4781	RDE_L2_Z01_FoH-MEP final fix	12	24-Sep-19	16-Oct-19	03-Jun-20	16-Jun-20	-198	100%	0%						
BoH Plant Rooms, Corridors, FS & Service Lift Lobbies - RDE_L2_Z02															
4758	RDE_L2_Z02_BoH-Wet Trades (plaster/screed/C&W_sealer/undercoat)	4	18-Mar-19	02-Apr-19	19-Nov-18A	04-Jun-20	-350	100%	90%						
4753	RDE_L2_Z02_BoH-MEP 2nd fix	4	03-Jul-19	23-Jul-19	01-Apr-19A	04-Jun-20	-258	100%	96%						
4750	RDE_L2_Z02_BoH-Misc Metal Works/Access Panels	6	24-Jul-19	30-Jul-19	01-Aug-19A	10-Jun-20	-257	100%	85%						
4752	RDE_L2_Z02_BoH-Seal Wall Opening	5	03-Jul-19	09-Jul-19	01-Aug-19A	06-Jun-20	-272	100%	95%						
4754	RDE_L2_Z02_BoH-Door Frame & Plastering of Perimeter Edges	5	03-Jul-19	09-Jul-19	16-Sep-19A	05-Jun-20	-271	100%	85%						
4748	RDE_L2_Z02_BoH-Door/Ironmong/Hose Reel Cabs	9	24-Jul-19	01-Aug-19	23-Sep-19A	10-Jun-20	-255	100%	80%						
4759	RDE_L2_Z02_BoH-Wall epoxy/emulsion paint final coat	12	02-Aug-19	06-Aug-19	11-Nov-19A	15-Jun-20	-255	100%	49.99%						
4757	RDE_L2_Z02_BoH-Floor sealer	12	06-Aug-19	07-Aug-19	25-Nov-19A	19-Jun-20	-258	100%	50%						
4749	RDE_L2_Z02_BoH-All Other Finishes/Make Good & Clean	5	09-Oct-19	22-Oct-19	23-May-20A	27-Jun-20	-202	100%	60%						
4760	RDE_L2_Z02_BoH-MEP final fix	12	30-Sep-19	15-Oct-19	01-Jun-20	13-Jun-20	-197	100%	0%						
Toilets - RDE_L2_Z03															
4777	RDE_L2_Z03_Toilet-MEP 1st fix Ceiling	3	03-Jun-19	27-Jun-19	04-Mar-19A	03-Jun-20	-278	100%	92%						
4767	RDE_L2_Z03_Toilet-MEP 2nd fix	6	17-Jul-19	30-Jul-19	01-Apr-19A	10-Jun-20	-257	100%	52%						
4773	RDE_L2_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	24	19-Sep-19	27-Sep-19	17-Jun-19A	29-Jun-20	-222	100%	25.01%						
10023	RDE_L2_Z03_Toilet-Dry Wall Frame & One Side Board	0			18-Nov-19A	01-Jun-20		0%	96%						
4772a	RDE_L2_Z03_Toilet-Conc flr curing, polishing & install protection	6			03-Feb-20A	23-Jun-20		0%	90%						
4772	RDE_L2_Z03_Toilet-Finishes Walls	6	02-Sep-19	18-Sep-19	14-Mar-20A	23-Jun-20	-226	100%	90%						
4766	RDE_L2_Z03_Toilet-Seal Wall Opening	0	11-Dec-18	13-Dec-18	06-Apr-20A	05-Jun-20	-436	100%	90%						
10024	RDE_L2_Z03_Toilet-MEP 1st fix Dry Wall	0			06-Apr-20A	02-Jun-20		0%	90%						
4764	RDE_L2_Z03_Toilet-Ceiling Rods/Gnds	0	11-Jul-19	16-Jul-19	13-Apr-20A	08-Jun-20	-266	100%	90%						
4765	RDE_L2_Z03_Toilet-Close ceiling (board) incl. Cut-Outs	0	31-Jul-19	08-Aug-19	20-Apr-20A	13-Jun-20	-251	100%	60%						
10025	RDE_L2_Z03_Toilet-Dry Wall Closing Board	0			05-May-20A	06-Jun-20		0%	60%						
4768	RDE_L2_Z03_Toilet-Door Frame	2	28-Jun-19	29-Jun-19	04-Jun-20A	05-Jun-20	-278	100%	70%						
4769	RDE_L2_Z03_Toilet-MEP final fix	6	24-Sep-19	30-Sep-19	13-Jun-20	19-Jun-20	-213	100%	0%						
4776	RDE_L2_Z03_Toilet-Ceiling finishes final coat	3	09-Aug-19	12-Aug-19	13-Jun-20	16-Jun-20	-251	100%	0%						
4762	RDE_L2_Z03_Toilet-Door/Ironmong	2	28-Sep-19	30-Sep-19	29-Jun-20A	30-Sep-20	-221	100%	69.99%						
4763	RDE_L2_Z03_Toilet-All Other Finishes/Make Good & Clean	6	02-Oct-19	09-Oct-19	02-Jul-20	08-Jul-20	-221	100%	0%						
Kitchen - RDE_L2_Z04															
4795	RDE_L2_Z04_Kitchen-Install door & ironmongery/Make Good & Clean	9	24-Sep-19	30-Sep-19	12-Aug-19A	10-Jun-20	-205	100%	82%						
4778	RDE_L2_Z04_Kitchen-MEP final fix	3	24-Sep-19	26-Sep-19	01-Jun-20	03-Jun-20	-202	100%	0%						
Level 3															
ABWF & MEP Works															
FoH Areas (RDE, Passenger Lift Lobbies & Terrace) - RDE_L3_Z01															
4830	RDE_L3_Z01_FoH-MEP 2nd fix	10	10-May-19	06-Jun-19	01-Apr-19A	11-Jun-20	-302	100%	78%						
4832	RDE_L3_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	12-May-20A	23-Jun-20	-194	100%	60%						
4829a	RDE_L3_Z01_FoH-MEP 1st fix (Part2) (after material hoist closure)	9			01-Jun-20*	10-Jun-20		0%	0%						
4831	RDE_L3_Z01_FoH-MEP final fix	12	24-Sep-19	16-Oct-19	03-Jun-20	16-Jun-20	-198	100%	0%						
BoH Plant Rooms, Corridors, FS & Service Lift Lobbies - RDE_L3_Z02															
4808	RDE_L3_Z02_BoH-Wet Trades (plaster/screed/C&W_sealer/undercoat)	4	18-Mar-19	02-Apr-19	19-Nov-18A	04-Jun-20	-350	100%	92%						
4803	RDE_L3_Z02_BoH-MEP 2nd fix	3	03-Jul-19	23-Jul-19	01-Apr-19A	03-Jun-20	-257	100%	97%						
4800	RDE_L3_Z02_BoH-Misc Metal Works/Access Panels	4	24-Jul-19	30-Jul-19	01-Aug-19A	06-Jun-20	-254	100%	93%						
4798	RDE_L3_Z02_BoH-Door/Ironmong/Hose Reel Cabs	7	24-Jul-19	01-Aug-19	04-Nov-19A	08-Jun-20	-253	100%	80%						
4799	RDE_L3_Z02_BoH-All Other Finishes/Make Good & Clean	12	09-Oct-19	22-Oct-19	09-May-20A	20-Jun-20	-197	100%	60%						
4809	RDE_L3_Z02_BoH-Wall epoxy/emulsion paint final coat	4	09-Aug-19	13-Aug-19	11-May-20A	12-Jun-20	-247	100%	49.99%						
4810	RDE_L3_Z02_BoH-MEP final fix	12	30-Sep-19	15-Oct-19	01-Jun-20	13-Jun-20	-197	100%	0%						
4807	RDE_L3_Z02_BoH-Floor sealer	2	13-Aug-19	14-Aug-19	12-Jun-20	13-Jun-20	-247	100%	0%						
Toilets - RDE_L3_Z03															
4818	RDE_L3_Z03_Toilet-Door Frame	2	28-Jun-19	29-Jun-19	12-Aug-19A	02-Jun-20	-275	100%	90%						
4812	RDE_L3_Z03_Toilet-Door/Ironmong	5	17-Oct-19	18-Oct-19	11-Nov-19A	06-Jun-20	-188	100%	90%						
4819	RDE_L3_Z03_Toilet-MEP final fix	9	08-Oct-19	14-Oct-19	20-Jan-20A	10-Jun-20	-195	100%	60%						
4813	RDE_L3_Z03_Toilet-All Other Finishes/Make Good & Clean	6	19-Oct-19	25-Oct-19	13-May-20A	17-Jun-20	-191	100%	60%						
4826	RDE_L3_Z03_Toilet-Ceiling finishes final coat	3	09-Aug-19	12-Aug-19	01-Jun-20*	03-Jun-20	-240	100%	0%						
Kitchen - RDE_L3_Z04															
4828	RDE_L3_Z04_Kitchen-MEP final fix	3	24-Sep-19	26											

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3			ep
										May	Jun	Jul	Aug		
Level 4															
ABWF & MEP Works															
FoH Areas (RDE, Passenger Lift Lobbies & Terrace) - RDE_L4_Z01															
4879	RDE_L4_Z01_FoH-MEP 2nd fix	3	10-May-19	06-Jun-19	02-May-19A	08-Jun-20	-299	100%	97%						
4884	RDE_L4_Z01_FoH-Floor Sealer	6	17-Oct-19	22-Oct-19	26-Feb-20A	19-Jun-20	-197	100%	91%						
4881	RDE_L4_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	15-May-20A	27-Jun-20	-197	100%	60%						
4880	RDE_L4_Z01_FoH-MEP final fix	15	24-Sep-19	16-Oct-19	01-Jun-20	17-Jun-20	-199	100%	0%						
4878a	RDE_L4_Z01_FoH-MEP 1st fix (Part 2) (after material hoist closure)	7			01-Jun-20*	08-Jun-20		0%	0%						
BoH Plant Rooms, Corridors, FS & Service Lift Lobbies - RDE_L4_Z02															
4852	RDE_L4_Z02_BoH-MEP 2nd fix	5	03-Jul-19	23-Jul-19	15-Apr-19A	05-Jun-20	-259	100%	94%						
4849	RDE_L4_Z02_BoH-Misc Metal Works/Access Panels	6	24-Jul-19	30-Jul-19	01-Aug-19A	09-Jun-20	-256	100%	87%						
4853	RDE_L4_Z02_BoH-Door Frame & Plastering of Perimeter Edges	3	03-Jul-19	09-Jul-19	12-Aug-19A	03-Jun-20	-269	100%	90%						
4847	RDE_L4_Z02_BoH-Door/Ironmong/Hose Reel Cabs	6	24-Jul-19	01-Aug-19	04-Nov-19A	09-Jun-20	-254	100%	90%						
4855	RDE_L4_Z02_BoH-Lobbies & Corr Close ceiling (board) incl. Cut-Outs	4	31-Jul-19	08-Aug-19	11-Nov-19A	09-Jun-20	-248	100%	96%						
4858	RDE_L4_Z02_BoH-Wall epoxy/emulsion paint final coat	6	09-Aug-19	13-Aug-19	25-Nov-19A	12-Jun-20	-247	100%	50%						
4856	RDE_L4_Z02_BoH-Floor sealer	9	13-Aug-19	14-Aug-19	27-Feb-20A	15-Jun-20	-248	100%	50%						
4848	RDE_L4_Z02_BoH-All Other Finishes/Make Good & Clean	12	23-Oct-19	05-Nov-19	11-May-20A	22-Jun-20	-186	100%	60%						
4859	RDE_L4_Z02_BoH-MEP final fix	12	16-Oct-19	29-Oct-19	01-Jun-20	13-Jun-20	-185	100%	0%						
Toilets - RDE_L4_Z03															
4866	RDE_L4_Z03_Toilet-MEP 2nd fix	2	17-Jul-19	30-Jul-19	02-May-19A	02-Jun-20	-250	100%	96%						
4872	RDE_L4_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	3	24-Oct-19	01-Nov-19	15-Jul-19A	03-Jun-20	-173	100%	97%						
4868	RDE_L4_Z03_Toilet-MEP final fix	4	24-Oct-19	30-Oct-19	20-Jan-20A	04-Jun-20	-176	100%	45%						
4861	RDE_L4_Z03_Toilet-Door/Ironmong	2	02-Nov-19	04-Nov-19	20-Apr-20A	03-Jun-20	-171	100%	70%						
4862	RDE_L4_Z03_Toilet-All Other Finishes/Make Good & Clean	6	05-Nov-19	11-Nov-19	09-May-20A	11-Jun-20	-172	100%	60%						
4875	RDE_L4_Z03_Toilet-Ceiling finishes final coat	3	09-Aug-19	12-Aug-19	01-Jun-20*	03-Jun-20	-240	100%	0%						
Kitchen - RDE_L4_Z04															
4893	RDE_L4_Z04_Kitchen-Install door & ironmongery/Make Good & Clean	6	24-Sep-19	30-Sep-19	02-Oct-19A	08-Jun-20	-203	100%	70%						
4877	RDE_L4_Z04_Kitchen-MEP final fix	3	24-Sep-19	26-Sep-19	01-Jun-20	03-Jun-20	-202	100%	0%						
Level 5															
ABWF & MEP Works															
FoH Areas (Offices, Passenger Lift Lobbies & Terrace) - RDE_L5_Z01															
4928	RDE_L5_Z01_FoH-MEP 2nd fix	4	10-May-19	06-Jun-19	15-Apr-19A	08-Jun-20	-299	100%	97%						
4933	RDE_L5_Z01_FoH-Floor Sealer	6	17-Oct-19	22-Oct-19	26-Feb-20A	19-Jun-20	-197	100%	53%						
4930	RDE_L5_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	15-May-20A	27-Jun-20	-197	100%	60%						
4927a	RDE_L5_Z01_FoH-MEP 1st fix (Part 2) (after material hoist closure)	7			01-Jun-20	08-Jun-20		0%	0%						
4929	RDE_L5_Z01_FoH-MEP final fix	12	24-Sep-19	16-Oct-19	04-Jun-20	17-Jun-20	-199	100%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby - RDE_L5_Z02															
4902	RDE_L5_Z02_BoH-MEP 2nd fix	5	09-Jul-19	29-Jul-19	15-Apr-19A	08-Jun-20	-256	100%	93%						
4903	RDE_L5_Z02_BoH-Door Frame & Plastering of Perimeter Edges	0	09-Jul-19	15-Jul-19	16-Sep-19A	01-Jun-20	-261	100%	80%						
4897	RDE_L5_Z02_BoH-Door/Ironmong/Hose Reel Cabs	6	30-Jul-19	07-Aug-19	11-Nov-19A	10-Jun-20	-250	100%	80%						
4905	RDE_L5_Z02_BoH-Lobbies & Corr Close ceiling (board) incl. Cut-Outs	4	06-Aug-19	09-Aug-19	11-Nov-19A	04-Jun-20	-243	100%	94.99%						
4908	RDE_L5_Z02_BoH-Wall epoxy/emulsion paint final coat	9	10-Aug-19	13-Aug-19	25-Nov-19A	12-Jun-20	-247	100%	49.99%						
4898	RDE_L5_Z02_BoH-All Other Finishes/Make Good & Clean	12	23-Oct-19	05-Nov-19	13-May-20A	20-Jun-20	-185	100%	60%						
4909	RDE_L5_Z02_BoH-MEP final fix	12	16-Oct-19	29-Oct-19	01-Jun-20	13-Jun-20	-185	100%	0%						
4906	RDE_L5_Z02_BoH-Floor sealer	2	13-Aug-19	14-Aug-19	12-Jun-20	13-Jun-20	-247	100%	0%						
Toilets - RDE_L5_Z03															
4916	RDE_L5_Z03_Toilet-MEP 2nd fix	6	18-Jul-19	31-Jul-19	17-Jun-19A	06-Jun-20	-253	100%	83.05%						
4922	RDE_L5_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	3	28-Sep-19	05-Oct-19	15-Jul-19A	03-Jun-20	-195	100%	90%						
4917	RDE_L5_Z03_Toilet-Door Frame	2	05-Jul-19	06-Jul-19	20-Apr-20A	02-Jun-20	-270	100%	90%						
4911	RDE_L5_Z03_Toilet-Door/Ironmong	2	08-Oct-19	09-Oct-19	06-May-20A	05-Jun-20	-195	100%	90%						
4912	RDE_L5_Z03_Toilet-All Other Finishes/Make Good & Clean	6	10-Oct-19	16-Oct-19	18-May-20A	20-Jun-20	-202	100%	60%						
4925	RDE_L5_Z03_Toilet-Ceiling finishes final coat	3	09-Aug-19	12-Aug-19	01-Jun-20*	04-Jun-20	-240	100%	0%						
4918	RDE_L5_Z03_Toilet-MEP final fix	6	28-Sep-19	05-Oct-19	08-Jun-20	13-Jun-20	-204	100%	0%						
Level 6															
ABWF & MEP Works															
FoH Areas (Office/OACF, Passenger Lift Lobbies & Terrace) - RDE_L6_Z01															
4589	RDE_L6_Z01_FoH-MEP 2nd fix	6	06-Jun-19	05-Jul-19	24-Jun-19A	09-Jun-20	-277	100%	93%						
4592	RDE_L6_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	19-May-20A	23-Jun-20	-194	100%	60%						
4590	RDE_L6_Z01_FoH-MEP final fix	14	24-Sep-19	16-Oct-19	01-Jun-20	16-Jun-20	-198	100%	0%						
4588a	RDE_L6_Z01_FoH-MEP 1st fix (Part 2) (after material hoist closure)	6			01-Jun-20*	06-Jun-20		0%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby - RDE_L6_Z02															
4568	RDE_L6_Z02_BoH-Wet Trades (plaster/screed/C&W sealer/undercoat)	5	01-Apr-19	17-Apr-19	11-Mar-19A	05-Jun-20	-339	100%	86%						
4561	RDE_L6_Z02_BoH-MEP 2nd fix	6	09-Jul-19	29-Jul-19	02-Sep-19A	06-Jun-20	-255	100%	80%						
4562	RDE_L6_Z02_BoH-Door Frame & Plastering of Perimeter Edges	4	09-Jul-19	13-Jul-19	16-Sep-19A	04-Jun-20	-266	100%	90%						
4557	RDE_L6_Z02_BoH-Misc Metal Works/Access Panels	9	30-Jul-19	05-Aug-19	02-Oct-19A	10-Jun-20	-252	100%	90%						
4555	RDE_L6_Z02_BoH-Door/Ironmong/Hose Reel Cabs	9	30-Jul-19	06-Aug-19	11-Nov-19A	10-Jun-20	-251	100%	90%						
4565	RDE_L6_Z02_BoH-Lobbies & Corr Close ceiling (board) incl. Cut-Outs	9	30-Jul-19	02-Aug-19	11-Nov-19A	10-Jun-20	-254	100%	80%						
4567	RDE_L6_Z02_BoH-Floor sealer	2	01-Aug-19	02-Aug-19	20-Apr-20A	15-Jun-20	-258	100%	20%						
4556	RDE_L6_Z02_BoH-All Other Finishes/Make Good & Clean	12	23-Oct-19	05-Nov-19	13-May-20A	22-Jun-20	-186	100%	60%						
4569	RDE_L6_Z02_BoH-Wall epoxy/emulsion paint final coat	3	30-Jul-19	01-Aug-19	15-May-20A	13-Jun-20	-258	100%	49.99%						
4570	RDE_L6_Z02_BoH-MEP final fix	12	16-Oct-19	29-Oct-19	01-Jun-20	13-Jun-20	-185	100%	0%						
Toilets - RDE_L6_Z03															
4587	RDE_L6_Z03_Toilet-MEP 1st fix Ceiling	3	10-Jun-19	04-Jul-19	14-Nov-19A	03-Jun-20	-273	100%	93%						
4583	RDE_L6_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	9	12-Oct-19	18-Oct-19	25-Nov-19A	10-Jun-20	-191	100%	37%						
4577	RDE_L6_Z03_Toilet-MEP 2nd fix	9	18-Jul-19	31-Jul-19	13-Jan-20A	10-Jun-20	-256	100%	83%						
10002	RDE_L6_Z03_Toilet-Dry Wall Frame & One Side Board	5			25-Mar-20A	05-Jun-20		0%	50%						
4578	RDE_L6_Z03_Toilet-Door Frame	2	05-Jul-19	06-Jul-19	20-Apr-20A	04-Jun-20	-272	100%	80%						
4576	RDE_L6_Z03_Toilet-Seal Wall Opening	3	01-Mar-19	04-Mar-19	21-Apr-20A	08-Jun-20	-378	100%	90%						
4575	RDE_L6_Z03_Toilet-Close ceiling (board) incl. Cut-Outs	7	01-Aug-19	08-Aug-19	15-May-20A	15-Jun-20	-253	100%	0%						
4573	RDE_L6_Z03_Toilet-All Other Finishes/Make Good & Clean	6	22-Oct-19	28-Oct-19	27-May-20A	26-Jun-20	-196	100%	50%						
4572	RDE_L6_Z03_Toilet-Door/Ironmong	2	19-Oct-19	21-Oct-19	09-Jun-20	10-Jun-20	-189	100%	0%						
4579	RDE_L6_Z03_Toilet-MEP final fix	6	12-Oct-19	18-Oct-19	12-Jun-20	18-Jun-20	-198	100%	0%						
4586	RDE_L6_Z03_Toilet-Ceiling finishes final coat	3	09-Aug-19	12-Aug-19	16-Jun-20	18-Jun-20	-253	100%	0%						
Level 7															
ABWF & MEP Works															
FoH Areas (Office/OACF, Passenger Lift Lobbies & Terrace) - RDE_L7_Z01															
4973	RDE_L7_Z01_FoH-Terrace Balustrade (base frame & glass)	2	06-Jul-19	12-Jul-19	03-Jun-19A	02-Jun-20	-265	100%	98%						
4967	RDE_L7_Z01_FoH-MEP 2nd fix	9	06-Jun-19	05-Jul-19	09-Sep-19A	12-Jun-20	-280	100%	82%						
4972	RDE_L7_Z01_FoH-Raised Floor	6	17-Oct-19	22-Oct-19	14-Feb-20A	18-Jun-20	-196	100%	85%						
4967a	RDE_L7_Z01_FoH-Raised Floor MEP Containment/Wiring MEP 1st, 2nd fix	3			13-Apr-20A	13-Jun-20		0%	85%						
4969	RDE_L7_Z01_FoH-All Other Finishes/Make Good & Clean	12	15-Oct-19	29-Oct-19	16-May-20A	29-Jun-20	-198	100%	60%						
4966a	RDE_L7_Z01_FoH-MEP 1st fix (Part 2) (after material hoist closure)	9			01-Jun-20*	10-Jun-20		0%	0%						
4968	RDE_L7_Z01_FoH-MEP final fix	12	24-Sep-19	16-Oct-19	08-Jun-20	20-Jun-20	-202	100%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby - RDE_L7_Z02															
4939	RDE_L7_Z02_BoH-MEP 1st fix	3	10-Jun-19	08-Jul-19	16-Apr-19A	03-Jun-20	-270	100%	99%						
4941	RDE_L7_Z02_BoH-MEP 2nd fix	7	09-Jul-19	29-Jul-19	09-Sep-19A	10-Jun-20	-258	100%	71%						
4942	RDE_L7_Z02_BoH-Door Frame & Plastering of Perimeter Edges	5	09-Jul-19	13-Jul-19	23-Sep-19A	05-Jun-20	-267	100%	84%						

Table with columns: ID, Activity, RD, BL Start, BL Finish, Fcast / Actual Start, Fcast / Actual Finish, BL Fin Var, Sch % (Schedule %), Curr % (Current %), Qtr 2 (May, Jun), Qtr 3 (Jul, Aug, Sep), and Gantt bars for each activity. The table is organized into sections for Level 9, Level 10, Level 11, and Level 12, each containing FoH Areas and BoH Plant Rooms.

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020					
										Qtr 2		Qtr 3		ep	
										May	Jun	Jul	Aug		
5166	RDE_L12_Z01_FoH-All Other Finishes/Make Good & Clean	12	22-Oct-19	05-Nov-19	22-May-20A	04-Jul-20	-196	100%	40%						
5165	RDE_L12_Z01_FoH-MEP final fix	18	02-Oct-19	23-Oct-19	01-Jun-20	20-Jun-20	-196	100%	0%						
5164a	RDE_L12_Z01_FoH-Raised Floor MEP Containment/Wiring MEP 1st,2nd fix	12			05-Jun-20	18-Jun-20		0%	0%						
5169	RDE_L12_Z01_FoH-Raised Floor	12	24-Oct-19	29-Oct-19	12-Jun-20	26-Jun-20	-196	100%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby- RDE_L12_Z02															
5136	RDE_L12_Z02_BoH-MEP 1st fix	6	24-Jun-19	22-Jul-19	16-Sep-19A	06-Jun-20	-261	100%	78%						
5139	RDE_L12_Z02_BoH-Door Frame & Plastering of Perimeter Edges	4	23-Jul-19	27-Jul-19	02-Oct-19A	06-Jun-20	-256	100%	70%						
5135	RDE_L12_Z02_BoH-Misc Metal Works/Access Panels	9	13-Aug-19	19-Aug-19	15-Oct-19A	13-Jun-20	-243	100%	46%						
5140	RDE_L12_Z02_BoH-Lobbies & Corr Ceiling Rods/Grids	7	23-Jul-19	26-Jul-19	21-Nov-19A	09-Jun-20	-259	100%	29%						
5141	RDE_L12_Z02_BoH-Lobbies & Corr Close ceiling (board) incl. Cut-Outs	9	20-Aug-19	23-Aug-19	27-Nov-19A	15-Jun-20	-240	100%	20%						
5138	RDE_L12_Z02_BoH-MEP 2nd fix	10	23-Jul-19	12-Aug-19	20-Jan-20A	11-Jun-20	-247	100%	32%						
5137	RDE_L12_Z02_BoH-Seal Wall Opening	6	23-Jul-19	29-Jul-19	20-Apr-20A	09-Jun-20	-257	100%	70%						
5134	RDE_L12_Z02_BoH-All Other Finishes/Make Good & Clean	12	02-Oct-19	16-Oct-19	18-May-20A	27-Jun-20	-207	100%	60%						
5145	RDE_L12_Z02_BoH-MEP final fix	12	24-Sep-19	09-Oct-19	05-Jun-20	18-Jun-20	-206	100%	0%						
5133	RDE_L12_Z02_BoH-Door/Ironmong/Hose Reel Cabs	7	02-Sep-19	09-Sep-19	12-Jun-20	19-Jun-20	-230	100%	0%						
5144	RDE_L12_Z02_BoH-Wall epoxy/emulsion paint final coat	3	24-Aug-19	27-Aug-19	16-Jun-20	18-Jun-20	-240	100%	0%						
5142	RDE_L12_Z02_BoH-Floor sealer	2	27-Aug-19	28-Aug-19	18-Jun-20	19-Jun-20	-240	100%	0%						
Toilets- RDE_L12_Z03															
5162	RDE_L12_Z03_Toilet-MEP 1st fix Ceiling	6	24-Jun-19	18-Jul-19	11-Nov-19A	06-Jun-20	-264	100%	87%						
10014	RDE_L12_Z03_Toilet-Dry Wall Frame & One Side Board	6			11-Nov-19A	10-Jun-20		0%	82%						
5151	RDE_L12_Z03_Toilet-Seal Wall Opening	7	25-May-19	28-May-19	18-Nov-19A	08-Jun-20	-307	100%	70%						
5158	RDE_L12_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	12	20-Sep-19	26-Sep-19	25-Nov-19A	13-Jun-20	-211	100%	37%						
5152	RDE_L12_Z03_Toilet-MEP 2nd fix	18	01-Aug-19	14-Aug-19	29-Jan-20A	20-Jun-20	-253	100%	47%						
5153	RDE_L12_Z03_Toilet-Door Frame	2	19-Jul-19	20-Jul-19	08-Jun-20	09-Jun-20	-264	100%	0%						
5149	RDE_L12_Z03_Toilet-Ceiling Rods/Grids	4	27-Jul-19	31-Jul-19	09-Jun-20	12-Jun-20	-258	100%	0%						
5147	RDE_L12_Z03_Toilet-Door/Ironmong	2	27-Sep-19	28-Sep-19	15-Jun-20	16-Jun-20	-211	100%	0%						
5150	RDE_L12_Z03_Toilet-Close ceiling (board) incl. Cut-Outs	7	15-Aug-19	22-Aug-19	20-Jun-20	29-Jun-20	-252	100%	0%						
5154	RDE_L12_Z03_Toilet-MEP final fix	6	24-Sep-19	30-Sep-19	30-Jun-20	07-Jul-20	-226	100%	0%						
5161	RDE_L12_Z03_Toilet-Ceiling finishes final coat	3	23-Aug-19	26-Aug-19	30-Jun-20	03-Jul-20	-252	100%	0%						
5148	RDE_L12_Z03_Toilet-All Other Finishes/Make Good & Clean	6	02-Oct-19	09-Oct-19	08-Jul-20	14-Jul-20	-226	100%	0%						
Level 13															
ABWF & MEP Works															
FoH Areas (Offices, Passenger Lift Lobbies & Terrace)- RDE_L13_Z01															
5203	RDE_L13_Z01_FoH-MEP 1st fix	4	11-Jun-19	23-Jul-19	16-Sep-19A	04-Jun-20	-258	100%	92%						
5210	RDE_L13_Z01_FoH-Terrace Balustrade (base frame & glass)	4	18-Oct-19	24-Oct-19	02-Oct-19A	04-Jun-20	-181	100%	98%						
5204	RDE_L13_Z01_FoH-MEP 2nd fix	9	18-Sep-19	17-Oct-19	21-Feb-20A	10-Jun-20	-192	100%	45%						
5206	RDE_L13_Z01_FoH-All Other Finishes/Make Good & Clean	12	06-Nov-19	20-Nov-19	29-May-20A	04-Jul-20	-183	100%	40%						
5205	RDE_L13_Z01_FoH-MEP final fix	18	18-Oct-19	07-Nov-19	01-Jun-20	20-Jun-20	-183	100%	0%						
5204a	RDE_L13_Z01_FoH-Raised Floor MEP Containment/Wiring MEP 1st,2nd fix	12			05-Jun-20	18-Jun-20		0%	0%						
5209	RDE_L13_Z01_FoH-Raised Floor	12	08-Nov-19	13-Nov-19	12-Jun-20	26-Jun-20	-183	100%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby- RDE_L13_Z02															
5175	RDE_L13_Z02_BoH-MEP 1st fix	6	24-Jun-19	22-Jul-19	16-Sep-19A	06-Jun-20	-261	100%	65%						
5176	RDE_L13_Z02_BoH-Seal Wall Opening	6	23-Jul-19	29-Jul-19	18-Nov-19A	10-Jun-20	-258	100%	45%						
5174	RDE_L13_Z02_BoH-Misc Metal Works/Access Panels	7	13-Aug-19	19-Aug-19	20-Nov-19A	17-Jun-20	-246	100%	45%						
5172	RDE_L13_Z02_BoH-Door/Ironmong/Hose Reel Cabs	7	18-Sep-19	25-Sep-19	25-Nov-19A	18-Jun-20	-216	100%	30%						
5177	RDE_L13_Z02_BoH-MEP 2nd fix	12	23-Jul-19	12-Aug-19	24-Feb-20A	13-Jun-20	-249	100%	30%						
5178	RDE_L13_Z02_BoH-Door Frame & Plastering of Perimeter Edges	4	23-Jul-19	27-Jul-19	20-Apr-20A	08-Jun-20	-257	100%	30%						
5173	RDE_L13_Z02_BoH-All Other Finishes/Make Good & Clean	12	02-Oct-19	16-Oct-19	22-May-20A	06-Jul-20	-213	100%	40%						
5184	RDE_L13_Z02_BoH-MEP final fix	12	24-Sep-19	09-Oct-19	08-Jun-20	20-Jun-20	-208	100%	0%						
5179	RDE_L13_Z02_BoH-Lobbies & Corr Ceiling Rods/Grids	4	23-Jul-19	26-Jul-19	13-Jun-20	17-Jun-20	-266	100%	0%						
5180	RDE_L13_Z02_BoH-Lobbies & Corr Close ceiling (board) incl. Cut-Outs	4	20-Aug-19	23-Aug-19	18-Jun-20	22-Jun-20	-246	100%	0%						
5183	RDE_L13_Z02_BoH-Wall epoxy/emulsion paint final coat	3	24-Aug-19	27-Aug-19	23-Jun-20	26-Jun-20	-246	100%	0%						
5181	RDE_L13_Z02_BoH-Floor sealer	2	27-Aug-19	28-Aug-19	26-Jun-20	27-Jun-20	-246	100%	0%						
Toilets- RDE_L13_Z03															
5202	RDE_L13_Z03_Toilet-MEP 1st fix Ceiling	6	24-Jun-19	18-Jul-19	11-Nov-19A	06-Jun-20	-264	100%	87%						
5197	RDE_L13_Z03_Toilet-Cubicle partitions & sanitary ware & fittings	16	03-Oct-19	10-Oct-19	28-Dec-19A	20-Jun-20	-207	100%	30%						
5191	RDE_L13_Z03_Toilet-MEP 2nd fix	12	01-Aug-19	14-Aug-19	24-Feb-20A	16-Jun-20	-249	100%	49%						
10016	RDE_L13_Z03_Toilet-Dry Wall Frame & One Side Board	7			13-Apr-20A	08-Jun-20		0%	10%						
5200	RDE_L13_Z03_Toilet-MEP 1st fix Dry Wall	8	11-Jun-19	19-Jun-19	16-Apr-20A	10-Jun-20	-291	100%	10%						
10017	RDE_L13_Z03_Toilet-Dry Wall Closing Board	6			20-Apr-20A	11-Jun-20		0%	10%						
5190	RDE_L13_Z03_Toilet-Seal Wall Opening	3	20-Jun-19	22-Jun-19	21-Apr-20A	11-Jun-20	-289	100%	79.99%						
5196	RDE_L13_Z03_Toilet-Finishes Walls & Floor Tiling	10	20-Sep-19	02-Oct-19	21-Apr-20A	18-Jun-20	-211	100%	10%						
5192	RDE_L13_Z03_Toilet-Door Frame	2	19-Jul-19	20-Jul-19	08-Jun-20	09-Jun-20	-264	100%	0%						
5188	RDE_L13_Z03_Toilet-Ceiling Rods/Grids	4	27-Jul-19	31-Jul-19	09-Jun-20	12-Jun-20	-258	100%	0%						
5189	RDE_L13_Z03_Toilet-Close ceiling (board) incl. Cut-Outs	7	15-Aug-19	22-Aug-19	17-Jun-20	24-Jun-20	-249	100%	0%						
5186	RDE_L13_Z03_Toilet-Door/Ironmong	2	11-Oct-19	12-Oct-19	22-Jun-20	23-Jun-20	-207	100%	0%						
5193	RDE_L13_Z03_Toilet-MEP final fix	6	03-Oct-19	10-Oct-19	26-Jun-20	03-Jul-20	-216	100%	0%						
5201	RDE_L13_Z03_Toilet-Ceiling finishes final coat	3	23-Aug-19	26-Aug-19	26-Jun-20	29-Jun-20	-249	100%	0%						
5187	RDE_L13_Z03_Toilet-All Other Finishes/Make Good & Clean	6	14-Oct-19	19-Oct-19	11-Jul-20	17-Jul-20	-220	100%	0%						
Level 14															
ABWF & MEP Works															
FoH Areas (Offices, Passenger Lift Lobbies & Terrace)- RDE_L14_Z01															
5242	RDE_L14_Z01_FoH-MEP 1st fix	9	06-Jul-19	16-Aug-19	16-Sep-19A	10-Jun-20	-242	100%	45%						
5249	RDE_L14_Z01_FoH-Terrace Balustrade (base frame & glass)	6	08-Nov-19	14-Nov-19	18-Feb-20A	12-Jun-20	-170	100%	90%						
5248	RDE_L14_Z01_FoH-Floor Sealer	4	29-Nov-19	04-Dec-19	23-Apr-20A	20-Jun-20	-161	100%	10%						
5243	RDE_L14_Z01_FoH-MEP 2nd fix	12	11-Oct-19	07-Nov-19	03-Jun-20	16-Jun-20	-179	100%	0%						
5244	RDE_L14_Z01_FoH-MEP final fix	14	08-Nov-19	28-Nov-19	04-Jun-20	19-Jun-20	-164	100%	0%						
5245	RDE_L14_Z01_FoH-All Other Finishes/Make Good & Clean	12	27-Nov-19	11-Dec-19	15-Jun-20	29-Jun-20	-161	100%	0%						
BoH Plant Rooms, Corridors, FS Lift Lobby- RDE_L14_Z02															
5215	RDE_L14_Z02_BoH-MEP 1st fix	8	02-Sep-19	30-Sep-19	11-Nov-19A	09-Jun-20	-204	100%	43%						
5216	RDE_L14_Z02_BoH-Seal Wall Opening	7	02-Oct-19	09-Oct-19	18-Nov-19A	16-Jun-20	-204	100%	30%						
5218	RDE_L14_Z02_BoH-Door Frame & Plastering of Perimeter Edges	6	02-Oct-19	08-Oct-19	23-Mar-20A	11-Jun-20	-201	100%	30%						
5219	RDE_L14_Z02_BoH-Lobbies & Corr Ceiling Rods/Grids	4	02-Oct-19	05-Oct-19	17-Apr-20A	09-Jun-20	-200	100%	20%						
5212	RDE_L14_Z02_BoH-Door/Ironmong/Hose Reel Cabs	7	24-Oct-19	31-Oct-19	21-Apr-20A	19-Jun-20	-188	100%	30%						
5214	RDE_L14_Z02_BoH-Misc Metal Works/Access Panels	6	24-Oct-19	30-Oct-19	21-Apr-20A	18-Jun-20	-188	100%	30%						
5213	RDE_L14_Z02_BoH-All Other Finishes/Make Good & Clean	12	11-Nov-19	23-Nov-19	21-May-20A	04-Jul-20	-179	100%	20%						
5223	RDE_L14_Z02_BoH-Wall epoxy/emulsion paint final coat	3	05-Nov-19	07-Nov-19	23-May-20A	24-Jun-20	-186	100%	39.99%						
5217	RDE_L14_Z02_BoH-MEP 2nd fix	14	02-Oct-19	23-Oct-19	01-Jun-20	16-Jun-20	-192	100%	0%						
5224	RDE_L14_Z02_BoH-MEP final fix	12	04-Nov-19	16-Nov-19	08-Jun-20	20-Jun-20	-175	100%							

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020				
										Qtr 2		Qtr 3		
										May	Jun	Jul	Aug	
5260	RDE_L15_Z02_BoH-Lobbies & Corr Close ceiling (board) incl.Cut-Outs	7	25-Nov-19	02-Dec-19	18-Jun-20	26-Jun-20	-166	100%	0%					
5251	RDE_L15_Z02_BoH-Door/Ironmong/Hose Reel Cabs	7	18-Nov-19	25-Nov-19	22-Jun-20	30-Jun-20	-175	100%	0%					
5357	RDE_L15_Z02_BoH-Close Dry Wall	6	06-Nov-19	12-Nov-19	22-Jun-20	29-Jun-20	-185	100%	0%					
5264	RDE_L15_Z02_BoH-MEP final fix	12	03-Dec-19	16-Dec-19	16-Dec-19	27-Jun-20	-166	100%	0%					
5263	RDE_L15_Z02_BoH-Wall epoxy/emulsion paint/final coat	3	03-Dec-19	05-Dec-19	30-Jun-20	03-Jul-20	-168	100%	0%					
5261	RDE_L15_Z02_BoH-Floor sealer	2	05-Dec-19	06-Dec-19	03-Jul-20	04-Jul-20	-168	100%	0%					
5252	RDE_L15_Z02_BoH-All Other Finishes/Make Good & Clean	12	10-Dec-19	23-Dec-19	06-Jul-20	18-Jul-20	-166	100%	0%					
Toilets - RDE_L15_Z03														
5268	RDE_L15_Z03_Toilet- Ceiling Rods/Grids	4	09-Oct-19	11-Oct-19	23-Mar-20A	05-Jun-20	-193	100%	20%					
5281	RDE_L15_Z03_Toilet- MEP 1stfix Ceiling	4	25-Sep-19	02-Oct-19	26-Mar-20A	04-Jun-20	-199	100%	45%					
5279	RDE_L15_Z03_Toilet- MEP 1stfix Block Wall	6	23-Sep-19	28-Sep-19	01-Jun-20	06-Jun-20	-203	100%	0%					
5271	RDE_L15_Z03_Toilet- MEP 2nd fix	9	12-Oct-19	15-Oct-19	02-Jun-20	11-Jun-20	-195	100%	0%					
5272	RDE_L15_Z03_Toilet- Door Frame	2	03-Oct-19	04-Oct-19	05-Jun-20	06-Jun-20	-199	100%	0%					
5265	RDE_L15_Z03_Toilet- Wall Plastering (internal & external)	2	05-Oct-19	08-Oct-19	08-Jun-20	09-Jun-20	-199	100%	0%					
5270	RDE_L15_Z03_Toilet- Seal Wall Opening	1	30-Sep-19	30-Sep-19	08-Jun-20	08-Jun-20	-203	100%	0%					
5276	RDE_L15_Z03_Toilet- Finishes Walls & Floor Tiling	3	22-Oct-19	24-Oct-19	10-Jun-20	12-Jun-20	-188	100%	0%					
5269	RDE_L15_Z03_Toilet- Close ceiling (board) incl. Cut-Outs	3	16-Oct-19	18-Oct-19	12-Jun-20	15-Jun-20	-195	100%	0%					
5277	RDE_L15_Z03_Toilet- Sanitary ware & fittings	2	25-Oct-19	26-Oct-19	13-Jun-20	15-Jun-20	-188	100%	0%					
5266	RDE_L15_Z03_Toilet- Door/Ironmong	2	28-Oct-19	29-Oct-19	16-Jun-20	17-Jun-20	-188	100%	0%					
5280	RDE_L15_Z03_Toilet- Ceiling finishes final coat	2	19-Oct-19	21-Oct-19	16-Jun-20	17-Jun-20	-195	100%	0%					
5273	RDE_L15_Z03_Toilet- MEP final fix	1	31-Oct-19	31-Oct-19	19-Jun-20	19-Jun-20	-188	100%	0%					
5267	RDE_L15_Z03_Toilet-All Other Finishes/Make Good & Clean	6	01-Nov-19	07-Nov-19	20-Jun-20	27-Jun-20	-188	100%	0%					
Level 15 MF														
ABWF & MEP Works														
FoH Areas (RDE/Auction House) - RDE_L15M_Z01														
5320	RDE_L15M_Z01_FoH- MEP 1stfix	7	21-Sep-19	04-Nov-19	15-Feb-20A	08-Jun-20	-175	100%	32%					
5321	RDE_L15M_Z01_FoH- MEP 2nd fix	12	11-Nov-19	07-Dec-19	24-Mar-20A	17-Jun-20	-154	100%	14%					
5372	RDE_L15M_Z01_FoH- Dry Wall Frame & Board (one side)	6	19-Oct-19	25-Oct-19	20-Apr-20A	11-Jun-20	-186	100%	10%					
5373	RDE_L15M_Z01_FoH- Dry Wall MEP Services/Conduits (MEP 1stfix)	12	23-Oct-19	05-Nov-19	05-Jun-20	18-Jun-20	-183	100%	0%					
5374	RDE_L15M_Z01_FoH- Close Dry Wall	4	06-Nov-19	09-Nov-19	19-Jun-20	23-Jun-20	-183	100%	0%					
5322	RDE_L15M_Z01_FoH- MEP Final Fix	18	09-Dec-19	30-Dec-19	23-Jun-20	15-Jul-20	-158	100%	0%					
5323	RDE_L15M_Z01_FoH- All Other Finishes (DOOR)/Make Good & Clean	12	26-Dec-19	09-Jan-20	11-Jul-20	24-Jul-20	-158	100%	0%					
5326	RDE_L15M_Z01_FoH-Floor Sealer	2	31-Dec-19	02-Jan-20	16-Jul-20	17-Jul-20	-158	100%	0%					
BoH Plant Rms, Corridor, FS Lift Lobby, Lobbies & Courtyard - RDE_L15M_Z02a, L15M_Z02b & L15M_Z02c														
BoH Rooms for FSD Inspection														
5334	RDE_L15M_Z02a_ELE_ICT Rm - MEP 1st2nd/Final Fix	4	29-Nov-19	04-Jan-20	29-Jan-20A	04-Jun-20	-121	100%	45%					
5327	RDE_L15M_Z02b_FSI Genset Rm - MEP 1st (incl. EQP)	14	29-Oct-19	31-Dec-19	13-Feb-20A	16-Jun-20	-134	100%	67%					
5337	RDE_L15M_Z02b_FSI Genset Rm - MEP 2nd & Final Fix	24	02-Jan-20	06-Feb-20	06-May-20A	03-Jul-20	-123	100%	17%					
5338	RDE_L15M_Z02b_FSI Genset Rm - W_Final Paint, F_Sealer & Door & Iron.	6	07-Feb-20	13-Feb-20	04-Jul-20	10-Jul-20	-123	100%	0%					
5342	RDE_L15M_Z02c_RDE PAU Rm - MEP 1stfix (incl. EQP)	18	08-Nov-19	19-Dec-19	22-Feb-20A	20-Jun-20	-147	100%	67%					
5343	RDE_L15M_Z02c_RDE PAU Rm - MEP 2nd & Final Fix	18	15-Nov-19	27-Dec-19	25-Feb-20A	29-Jun-20	-147	100%	92%					
5344	RDE_L15M_Z02c_RDE PAU Rm - W_Final Paint, F_Sealer & Door & Ironmong	6	28-Dec-19	04-Jan-20	30-May-20A	07-Jul-20	-147	100%	50%					
BoH Rooms Balance														
5294	RDE_L15M_Z02a_Z02b_Z02c_BoH- Seal Wall Opening	6	06-Dec-19	12-Dec-19	20-Apr-20A	20-Jun-20	-153	100%	50%					
5292	RDE_L15M_Z02a_Z02b_Z02c_BoH- Misc Metal Works/Access Panels	12	13-Jan-20	03-Feb-20	21-Apr-20A	24-Jun-20	-120	100%	50%					
5330	RDE_L15M_Z02c_PD_MVAC Rm - Dry wall, ServCond & u'coat paint	12	08-Nov-19	28-Nov-19	25-Feb-20A	13-Jun-20	-159	100%	50%					
5332	RDE_L15M_Z02c_PD_MVAC Rm - MEP 1stfix	18	29-Nov-19	27-Dec-19	19-Mar-20A	29-Jun-20	-147	100%	84%					
5409	RDE_L15M_Z02c_PD_MVAC Rm - MEP 2nd & Final Fix	12	28-Dec-19	11-Jan-20	30-Jun-20	14-Jul-20	-147	100%	0%					
5333	RDE_L15M_Z02c_PD_MVAC Rm - W_Final Paint, F_Sealer & Access Panels	4	13-Jan-20	17-Jan-20	15-Jul-20	20-Jul-20	-147	100%	0%					
5327a	RDE_L15M_Z02b_Non-FSI Genset/Fuel Tank Rms - MEP 1st (incl. EQP)	21			07-Apr-20A	24-Jun-20	0%	35%						
5337a	RDE_L15M_Z02b_Non-FSI Genset/Fuel Tank Rms - MEP2nd & Final Fix	24			26-Jun-20A	24-Jul-20	0%	0%						
5338a	RDE_L15M_Z02b_Non-FSI Genset/Fuel Tank Rms - W_Final Paint, F_Sealer & Door	6			25-Jul-20	31-Jul-20	0%	0%						
5346	RDE_L15M_Z02a_RDE PW Rm - MEP 1stfix (incl. EQP)	30	22-Nov-19	04-Jan-20	28-Feb-20A	07-Jul-20	-147	100%	59%					
5407	RDE_L15M_Z02a_RDE PW Rm - Install Tanks (Glass fibre)	0	25-Oct-19	21-Nov-19	02-May-20A	08-Jun-20	-159	100%	90%					
5410	RDE_L15M_Z02a_RDE PW Rm - Dry wall, ServCond & u'coat paint	18	08-Nov-19	28-Nov-19	08-Jun-20	29-Jun-20	-171	100%	0%					
5408	RDE_L15M_Z02a_RDE PW Rm - MEP 2nd & Final Fix	24	29-Nov-19	04-Jan-20	30-Jun-20	28-Jul-20	-165	100%	0%					
5347	RDE_L15M_Z02a_RDE PW Rm - W_Final Paint, F_Sealer & Door & Ironmong	6	06-Jan-20	11-Jan-20	29-Jul-20	04-Aug-20	-165	100%	0%					
5293	RDE_L15M_Z02a_Lobbies & Corr - MEP 1stfix	14	08-Nov-19	05-Dec-19	23-Mar-20A	16-Jun-20	-155	100%	53%					
5295	RDE_L15M_Z02a_Lobbies & Corr - MEP 2nd fix	12	28-Dec-19	11-Jan-20	17-Apr-20A	23-Jun-20	-131	100%	58.44%					
5299	RDE_L15M_Z02a_Lobbies & Corr Close ceiling (board) incl. Cut-Outs	4	13-Jan-20	16-Jan-20	24-Jun-20	29-Jun-20	-131	100%	0%					
5301	RDE_L15M_Z02a_Lobbies & Corr - W_Final Paint, F_Sealer & Door & Iron.	6	13-Jan-20	18-Jan-20	24-Jun-20	02-Jul-20	-131	100%	0%					
5302	RDE_L15M_Z02a_Lobbies & Corr - MEP Final Fix	6	13-Jan-20	18-Jan-20	26-Jun-20	03-Jul-20	-132	100%	0%					
5291	RDE_L15M_Z02a_L15M_Z02b & L15M_Z02c_BoH-All Other Finishes/Make Good	12	07-Feb-20	20-Feb-20	29-Jul-20	11-Aug-20	-144	100%	0%					
Toilets - RDE_L15M_Z03														
5312	RDE_L15M_Z03_Toilet- Floor Screed	2	02-Oct-19	05-Oct-19	13-Apr-20A	02-Jun-20	-194	100%	50%					
5319	RDE_L15M_Z03_Toilet- MEP 1stfix Ceiling	7	08-Oct-19	31-Oct-19	20-Apr-20A	08-Jun-20	-178	100%	8%					
5317	RDE_L15M_Z03_Toilet- MEP 1stfix Block Wall	6	27-Sep-19	08-Oct-19	01-Jun-20	06-Jun-20	-197	100%	0%					
5308	RDE_L15M_Z03_Toilet- Seal Wall Opening	3	09-Oct-19	11-Oct-19	08-Jun-20	10-Jun-20	-197	100%	0%					
5310	RDE_L15M_Z03_Toilet- Door Frame	2	01-Nov-19	02-Nov-19	09-Jun-20	10-Jun-20	-178	100%	0%					
5303	RDE_L15M_Z03_Toilet- Wall Plastering (internal & external)	5	04-Nov-19	08-Nov-19	11-Jun-20	16-Jun-20	-178	100%	0%					
5306	RDE_L15M_Z03_Toilet- Ceiling Rods/Grids	4	09-Nov-19	13-Nov-19	17-Jun-20	20-Jun-20	-178	100%	0%					
5314	RDE_L15M_Z03_Toilet- Finishes Walls & Floor Tiling	10	10-Dec-19	20-Dec-19	17-Jun-20	29-Jun-20	-152	100%	0%					
5309	RDE_L15M_Z03_Toilet- MEP 2nd fix	12	14-Nov-19	27-Nov-19	22-Jun-20	07-Jul-20	-178	100%	0%					
5315	RDE_L15M_Z03_Toilet- Cubicle partitions & sanitary ware & fittings	6	21-Dec-19	28-Dec-19	30-Jun-20	07-Jul-20	-152	100%	0%					
5304	RDE_L15M_Z03_Toilet- Door/Ironmong	2	30-Dec-19	31-Dec-19	08-Jul-20	09-Jul-20	-152	100%	0%					
5307	RDE_L15M_Z03_Toilet- Close ceiling (board) incl. Cut-Outs	7	28-Nov-19	05-Dec-19	08-Jul-20	15-Jul-20	-178	100%	0%					
5311	RDE_L15M_Z03_Toilet- MEP final fix	6	21-Dec-19	28-Dec-19	16-Jul-20	22-Jul-20	-165	100%	0%					
5318	RDE_L15M_Z03_Toilet- Ceiling finishes final coat	3	06-Dec-19	09-Dec-19	16-Jul-20	18-Jul-20	-178	100%	0%					
5305	RDE_L15M_Z03_Toilet-All Other Finishes/Make Good & Clean	6	02-Jan-20	08-Jan-20	23-Jul-20	29-Jul-20	-163	100%	0%					
Level 15MF UF & RF														
ABWF & MEP Works (Incl. FSI PAU & Fans Rooms)														
5396	RDE_L15MF_UF_Z01 - MEP 1st, 2nd & final fix (**PAU & Fans Rooms VAC required fi	12	09-Nov-19	13-Dec-19	26-Feb-20A	13-Jun-20	-146	100%	65%					
5395	RDE_L15MF_UF_Z01 - Builder's Works (Dry wall, ceiling/wall sealer)	6	19-Oct-19	29-Nov-19	27-Mar-20A	06-Jun-20	-152	100%	70%					
5397	RDE_L15MF_UF_Z01 - Wall epoxy/emulsion paint/final coat, fir sealer	12	11-Dec-19	20-Dec-19	13-Apr-20A	20-Jun-20	-146	100%	30%					
5365	RDE_L15MF_UF_Z01_ & RF_Z01-All Other Finishes/Make Good & Clean	12	14-Dec-19	28-Dec-19	30-May-20A	14-Jul-20	-158	100%	10%					
Landscape														
5007	RDE_LAN - Install irrigation system	20	24-Mar-20	16-Apr-20	13-May-20A	06-Jul-20	-66	100%	30%					
5008	RDE_LAN - Fill top soil	18	15-Apr-20	06-May-20	23-May-2									

ID	Activity	RD	BL Start	BL Finish	Fcast / Actual Start	Fcast / Actual Finish	BL Fin Var	Sch %	Curr %	2020			
										Qtr 2		Qtr 3	
										May	Jun	Jul	Aug
ST-73													
4643	RDE_ST-73 - MEP 1st fix, 2nd fix	6	26-Aug-19	09-Oct-19	02-May-19A	06-Jun-20	-196	100%	85%				
4648	RDE_ST-73 - All Other Finishes (DOOR) / Make Good & Clean	28	16-Nov-19	29-Nov-19	24-Jun-19A	04-Jul-20	-174	100%	60%				
ST-74													
4653	RDE_ST-74 - MEP 1st fix, 2nd fix	6	26-Aug-19	09-Oct-19	02-May-19A	06-Jun-20	-196	100%	85%				
4658	RDE_ST-74 - All Other Finishes (DOOR) / Make Good & Clean	36	16-Nov-19	29-Nov-19	24-Jun-19A	14-Jul-20	-182	100%	59.99%				
Testing & Commissioning													
HVAC													
7643	RDE_MEP_Wild_Air - Hydraulic Test (CWS/CWR) & Pipes Flushing w/Water Sample Ti	32	06-Jan-20	10-Feb-20	27-Mar-20A	11-Jul-20	-127	100%	30%				
7645	RDE_MEP_Wild_Air - AHUSAT & LMCP SAT	26	20-Dec-19	21-Jan-20	17-Jun-20	18-Jul-20	-143	100%	0%				
7647	RDE_MEP_Wild_Air - Air Flow Test	24	13-Feb-20	11-Mar-20	06-Jul-20	01-Aug-20	-119	100%	0%				
7646	RDE_MEP_Wild_Air - Start Up AHU @ Each Level	12	22-Jan-20	12-Feb-20	13-Jul-20	25-Jul-20	-137	100%	0%				
7648	RDE_MEP_Wild_Air - AHU Performance Test	12	12-Mar-20	25-Mar-20	03-Aug-20	15-Aug-20	-119	100%	0%				
7651	RDE_MEP_Wild_Air - Air System Balancing	36	26-Mar-20	27-Jun-20	17-Aug-20	26-Sep-20	-77	70.51%	0%				
Electrical & Controls													
7660	RDE_POW - Power & Distribution Insulation/Polarity Checks	36	24-Dec-19	13-Feb-20	26-Mar-20A	04-Aug-20	-144	100%	38%				
7656	RDE_POW - Lighting & Control T&C	70	14-Feb-20	12-Mar-20	28-Mar-20A	22-Aug-20	-136	100%	20%				
2129	RDE_POW - Test FSD Lifts with Permanent Power	3	20-Jan-20	20-Jan-20	22-Jun-20	24-Jun-20	-126	100%	0%				
7662	RDE_POW - Power & Distribution Functional Components Test	36	09-Jan-20	27-Feb-20	08-Jul-20	18-Aug-20	-144	100%	0%				
7659	RDE_POW - BMS Systems Test	24	14-Feb-20	12-Mar-20	29-Jul-20	25-Aug-20	-138	100%	0%				
7653	RDE_POW - UPS T&C	12	28-Feb-20	12-Mar-20	12-Aug-20	25-Aug-20	-138	100%	0%				
7657	RDE_POW - IT Systems Test	12	28-Feb-20	12-Mar-20	12-Aug-20	25-Aug-20	-138	100%	0%				
7658	RDE_POW - AV Systems Test	12	28-Feb-20	12-Mar-20	12-Aug-20	25-Aug-20	-138	100%	0%				
Plumbing & Drainage													
7649	RDE_P&D - Hydraulic Tests P&D	34	15-Nov-19	11-Jan-20	30-Dec-19A	14-Jul-20	-147	100%	50.01%				
7649a	RDE_P&D - Equipment Test & Pumps Rotation Checks	24			15-Jun-20	14-Jul-20		0%	0%				
Fire Services													
7650	RDE_FS - FS Hydraulic Test Pipe Works	32	29-Nov-19	11-Jan-20	21-Nov-19A	11-Jul-20	-145	100%	70%				
7663	RDE_FS - FS Power & Controls Insulation/Continuity/Polarity Checks	30	24-Dec-19	13-Feb-20	04-Jul-20	07-Aug-20	-147	100%	0%				
7665	RDE_FS - Sprinkler System Test	24	16-Jan-20	20-Feb-20	13-Jul-20	08-Aug-20	-142	100%	0%				
7666	RDE_FS - AFA Devices Loop & Functional Test	22	23-Jan-20	27-Feb-20	23-Jul-20	17-Aug-20	-143	100%	0%				
7667	RDE_FS - Genset Test	12	07-Feb-20	20-Feb-20	01-Aug-20	14-Aug-20	-147	100%	0%				
EXTERNAL WORKS													
Construction													
IPA - Portion 1													
4275	EXT_Port1 - EVA granite bettpaving finishing (Defer start date to use as Temp Haul Rd)	18	01-Aug-19	28-Aug-19	02-May-20A	20-Jun-20	-241	100%	65%				
IPA - Portion 4													
4307	EXT_Port4 - EVA granite bettpaving	3	01-Aug-19	28-Aug-19	16-Sep-19A	03-Jun-20	-226	100%	93%				
Along Buildings boundary													
4268	EXT_ABB - Construct Drainage slot & outlet along footpath	0	22-Oct-19	02-Dec-19	24-Feb-20A	01-Jun-20	-144	100%	65%				
4269	EXT_ABB - Reinstatement of footpath w/ U channel	12	03-Dec-19	15-Jan-20	01-Jun-20*	13-Jun-20	-120	100%	0%				
5003	EXT_ABB - (M+1'11+ & A-M+6'1 Lay granite bettpaving	0	29-Aug-19	23-Nov-19	17-Oct-19A	01-Jun-20	-151	100%	80%				
5001	EXT_ABB - A-M+13+14+ Lay and compact sub-base	0	29-Mar-19	27-Jun-19	22-Nov-19A	01-Jun-20	-275	100%	82%				
5002	EXT_ABB - A-M+13+14+ Lay concrete planks	0	01-Nov-19	27-Dec-19	04-Dec-19A	11-Jun-20	-132	100%	70%				
COMPLETION STATUTORY INSPECTIONS & APPROVALS													
Basement, Podium, M+ Tower & CSF Building													
CLP/HKE; EMSD													
1756	Lifts & Esc - EMSD Inspection	9	30-Nov-19	28-Dec-19	06-Jan-20A	16-Jun-20	-136	100%	5%				
7427	Fireman's Lifts - EMSD Inspection	9	21-Sep-19	22-Oct-19	06-Jan-20A	10-Jun-20	-189	100%	85%				
DSD													
1169	Drainage - Inspection of Last Manhole	6	17-Dec-19	23-Dec-19	20-May-20A	13-Jun-20	-138	100%	10%				
WSD													
WSD	FS Water - WSD Inspection	12	09-Nov-19	06-Dec-19	03-Jun-20	16-Jun-20	-154	100%	0%				
FSD & BD													
FSD2	FSD - FSD MAIN Inspection/Re-Inspection/Remedial Works - BASEMENT & PODIUM	29	20-Dec-19	23-Mar-20	21-May-20A	24-Jul-20	-101	100%	26.53%				
FSD2b	FSD - FSD MAIN Inspection/Re-Inspection/Remedial Works - M+ TOWER	29	03-Jan-20	23-Jan-20	21-May-20A	23-Jul-20	-145	100%	26.53%				
BD	BD - Inspection/Re-Inspection	24	25-Feb-20	23-Mar-20	26-Jun-20	24-Jul-20	-102	100%	0%				
RDE Building													
CLP/HKE; EMSD													
7478a	RDE_Fireman's Lifts - Submit F5 & EMSD Inspection LT_55	6			16-Mar-20A	06-Jun-20		0%	90.02%				
7475	RDE_Lifts & Esc - EMSD Inspection	18	14-Feb-20	27-Feb-20	24-Mar-20A	14-Jul-20	-114	100%	30.81%				
7478	RDE_Fireman's Lifts - EMSD Inspection	12	23-Jan-20	13-Feb-20	26-Jun-20	10-Jul-20	-123	100%	0%				
DSD													
7466	RDE_Drainage - Last Manhole Connection	10	02-Nov-19	15-Nov-19	08-Jun-20	18-Jun-20	-174	100%	0%				
7468	RDE_Drainage - Inspection of Last Manhole	6	16-Nov-19	22-Nov-19	19-Jun-20	26-Jun-20	-174	100%	0%				
WSD													
7471	RDE_Plumbing/Potable/Flushing Water - WA. Inspection	9	20-Dec-19	27-Dec-19	03-Jul-20*	13-Jul-20	-158	100%	0%				
7491	RDE_Plumbing/Potable/Flushing Water - WSD Inspection (Same as 7471)	24	13-Jan-20	17-Feb-20	03-Jul-20	30-Jul-20	-137	100%	0%				
7473	RDE_Plumbing/Potable/Flushing Water - Water Connection & Water Meter Installation	6	06-Jan-20	11-Jan-20	24-Jul-20	30-Jul-20	-161	100%	0%				
7493	RDE_FS Water - WA Inspection	6	28-Dec-19	04-Jan-20	27-Jun-20	04-Jul-20	-145	100%	0%				
7494	RDE_FS Water - Water Connection & Water Meter Installation	6	06-Jan-20	11-Jan-20	06-Jul-20	11-Jul-20	-145	100%	0%				
7496	RDE_FS Water - WSD Inspection	14	13-Jan-20	17-Feb-20	13-Jul-20	28-Jul-20	-135	100%	0%				
FSD & BD													
7463	RDE DG - FSD Regional Office Inspection (FSI Gen_Set & Fuel Tanks)	6	02-Jan-20	08-Jan-20	22-Jun-20	29-Jun-20	-138	100%	0%				
RDE_FSD	RDE_FSD - FSD Inspection/Re-Inspection/Remedial Works (layouts & systems)	15	28-Feb-20	24-Apr-20	18-Aug-20	03-Sep-20	-110	100%	0%				
RDE_BD	RDE_BD - Inspection/Re-Inspection	10	25-Apr-20	23-May-20	26-Aug-20	05-Sep-20	-88	100%	0%				

L1

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Cost Centre B - Excavation and Lateral Support (ELS) Stage 2							
Temporary Steel Platform							
CB140300	Demolish Steel Platform (South Portion) in Phase 1 for G/F Construction	20-May-20 A	31-Jul-20				
CB140320	Demolish Steel Platform (South Portion) in Phase 2 for G/F Construction	24-Sep-20	31-Oct-20				
CB162200	Demolish Steel Platform (North Portion) in Phases for G/F Construction	22-Jun-20 A	22-Aug-20				
Cost Centre C - Basement							
Cost Centre C1 - Essential Basement Structure (Excl. AET Protection & Box Culvert)							
South Basement - Central Area (GL. M1-X1 / 62-70.1)							
CC100510	[South] B1/F Construct B1-B1M Central Columns & Structural Walls	24-Feb-20 A	11-Jul-20				
CC100520	[South] B1M/F Construct B1M Central Beam & Slab	22-Jun-20 A	25-Jul-20				
CC100560	[South] B1M/F Construct B1M- G/F Central Columns & Structural Walls	13-Jul-20	29-Aug-20				
CC100570	[South] G/F Construct G/F Central Beam & Slab	31-Aug-20	20-Oct-20				
CC100580	[South] B1/F Construct Remaining B1 Beam & Slab (GL. Q1-M1/70.1-64.1)	05-Aug-20	01-Sep-20				
CC100605	[South] B1M/F Construct Remaining B1M Beam & Slab (GL. Q1-M1/70.1-64.1)	02-Sep-20	29-Sep-20				
CC100615	[South] G/F Construct Remaining G/F Beam & Slab (GL. Q1-M1/70.1-64.1)	30-Sep-20	30-Oct-20				
South Basement - South / West Area (GL. W1-AA1 / 62-71 & M1-AA1 / 68.1-71)							
CC100406	[South] B2/F Remove Strut Layer S5 South	14-Mar-20 A	02-Jul-20				
CC100410d	[South] B2/F Remove Strut Layer S3 South / West	03-Jun-20 A	04-Jul-20				
CC100410e	[South] B2/F Construct B2-B1 South / West Internal Walls / Columns	28-May-20 A	10-Jul-20				
CC100412	[South] B2/F Construct B2 Upper South / West Beam & Slab	30-May-20 A	18-Jul-20				
CC100485a	[South] B1/F Construct B1 South / West Beam & Slab	02-Jul-20	25-Jul-20				
CC100505	[South] B1/F Remove Strut Layer S2 South / West	09-Jul-20	03-Aug-20				
CC100515	[South] B1/F Construct B1-B1M South / West Columns	17-Jul-20	06-Aug-20				
CC100536	[South] B1/F Construct B1-B1M South / West Internal Walls	17-Jul-20	06-Aug-20				

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				Jun 30	Jul 31	Aug 32	Sep 33
CC100545	[South] B1/F Construct B1-B1M South / West Perimeter Walls / Columns	17-Jul-20	06-Aug-20				
CC100545a	[South] B1M/F Remove Strut Layer S1 South / West	07-Aug-20	22-Aug-20				
CC100555	[South] B1M/F Construct B1M South / West Beam & Slab	24-Aug-20	18-Sep-20				
CC100565	[South] B1M/F Construct B1M-G/F South / West Columns	10-Sep-20	30-Sep-20				
CC100582	[South] B1M/F Construct B1M-G/F South / West Internal Walls	10-Sep-20	30-Sep-20				
CC100588	[South] B1M/F Construct B1M-G/F South / West Perimeter Walls & Columns	10-Sep-20	30-Sep-20				
CC100598	[South] G/F Construct G/F South / West Beam & Slab	24-Sep-20	23-Oct-20				
South Basement - East Area (GL M1-Z1 / 60-62)							
CC100400a	[South] B2/F Construct B2-B1 East Internal Walls & Columns	25-Apr-20 A	04-Jul-20				
CC100400a1	[South] B2/F Construct B2 Upper East Beam & Slab	04-May-20 A	13-Jul-20				
CC100400c	[South] B2/F Install Re-prop to East Basement Wall	29-May-20 A	15-Jun-20 A				
CC100400d	[South] B2/F Remove Strut Layer S4 East	17-Jun-20 A	11-Jul-20				
CC100400e	[South] B2/F Construct B2-B1 Basement Wall to Soffit of B1	08-Jun-20 A	18-Jul-20				
CC100400f	[South] B1/F Construct B1 East Beam & Slab	15-Jun-20 A	29-Jul-20				
CC100400g	[South] B1/F Remove Strut Layer S2 East	30-Jul-20	14-Aug-20				
CC100400h	[South] B1/F Remove Strut Layer S5 & S3 East	10-Jun-20 A	02-Sep-20				
CC100400i	[South] B1/F Construct B1-B1M East Columns & Walls to bottom of S1	30-Jul-20	19-Aug-20				
CC100400j	[South] B1M/F Remove Strut Layer S1 East	22-Aug-20	05-Sep-20				
CC100400k	[South] B1M/F Construct B1M East Beam & Slab	19-Aug-20	15-Sep-20				
CC100400l	[South] B1M/F Construct B1M-G/F East Columns & Walls	07-Sep-20	29-Sep-20				
CC100400m	[South] G/F Construct G/F East Beam & Slab	14-Sep-20	13-Oct-20				
CC100710	[South] G/F Construct East Structures Above G/F	28-Sep-20	23-Oct-20				
North Basement - North Area (GL B1-M1 / 59.1 - 69)							
CC101600	[North] B2/F Remove Strut Layer S4 (Phase 2, affected by IC18)	23-Dec-19 A	08-Jul-20				
CC101800	[North] B1/F Remove Strut Layer S3 & S2	20-Apr-20 A	08-Jul-20				

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CC101835	[North] B1/F Construct B1-G/F Columns	14-Apr-20 A	11-Jul-20				
CC101845	[North] B1/F Construct B1-G/F Internal Wall	28-May-20 A	16-Jul-20				
CC101855	[North] B1/F Construct B1-G/F Perimeter Walls / Mega Columns (GL K1-G1/68-65.1)	09-May-20 A	21-Jul-20				
CC101865	[North] B1/F Construct B1-G/F Perimeter Walls / Mega Columns (GL G1-C1/65.1-63.1)	04-May-20 A	28-Jul-20				
CC101870	[North] B1/F Construct B1-G/F Perimeter Walls & Columns (GL C1/63.1-59.1)	04-May-20 A	04-Aug-20				
CC101900	[North] G/F Construct G/F Beam & Slab	12-Jun-20 A	25-Aug-20				
CC102000	[North] G/F Remove Strut Layer S1	01-Jun-20 A	11-Sep-20				
North Basement - Area 6							
CC102520	[Area 6] G/F Construct G/F Beam & Slab (South & Northeast)	16-May-20 A	28-Aug-20				
CC102600	[Area 6] Modify Pile Wall for Connection M+ Basement	29-Aug-20	27-Oct-20				
Cost Centre C2 - Sundries							
Cost Centre 2.1 Concrete Works							
CC201110	[South Basement] Non-Structural Concrete Works at B2/F	11-May-20 A	26-Aug-20				
CC201120	[South Basement] Non-Structural Concrete Works at B1/F	05-Sep-20	05-Oct-20				
CC201130	[South Basement] Non-Structural Concrete Works at B1M/F	24-Sep-20	23-Oct-20				
CC201150	[North Basement] Non-Structural Concrete Works at B2/F	18-May-20 A	02-Sep-20				
CC201160	[North Basement] Non-Structural Concrete Works at B1/F	03-Sep-20	30-Sep-20				
Cost Centre 2.2 Drainage Works							
CC202160	[North Basement] Internal Drainage Works at B1M/F	03-Sep-20	30-Sep-20				
CC202170	[North Basement] External Drainage Works at G/F	17-Sep-20	16-Oct-20				
Cost Centre 2.3 Steel and Metal Works							
CC203110	[South Basement] Steel & Metal Works at B2/F	13-Aug-20	09-Sep-20				
CC203120	[South Basement] Steel & Metal Works at B1/F	17-Sep-20	16-Oct-20				
CC203130	[South Basement] Steel & Metal Works at G/F	29-Sep-20	29-Oct-20				
CC203150	[North Basement] Steel & Metal Works at B2/F	03-Sep-20	30-Sep-20				

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				Jun	Jul	Aug	Sep
				30	31	32	33
CC203160	[North Basement] Steel & Metal Works at B1/F	17-Sep-20	16-Oct-20				
Cost Centre 2.4 DCS Installation							
CC204110	[South Basement] DCS Works at B2/F GL W1-AA1/71-60	13-Aug-20	09-Sep-20				
CC204120	[South Basement] DCS Works at B2/F GL L1-W1/65-62	27-Aug-20	23-Sep-20				
CC204130	[South Basement] DCS Works at B2/F GL K1-L1/66-62	10-Sep-20	09-Oct-20				
CC204150	[North Basement] DCS Works at B2/F GL C1-K1/67-63.1	03-Sep-20	30-Sep-20				
CC204160	[North Basement] DCS Works at B2/F GL B1-C1/63.1-59.1	17-Sep-20	16-Oct-20				
Cost Centre C3 - AET Protection							
Wall Beam WF							
CC300190c	WF: Stage 1.3 - Cast Extended Base Slab	13-Apr-20 A	06-Jun-20 A				
CC300190d	WF: Stage 1.4 - Cast Wall Stem	16-Apr-20 A	04-Jul-20				
CC300200	WF: Stage 1.5 - Apply Pre-stress	06-Jul-20	09-Jul-20				
CC300205a	WF: Stage 2.1 - Washout Sand Layer	10-Jul-20	13-Jul-20				
CC300205b	WF: Stage 2.2 - Cast Side Section against ECM	14-Jul-20	24-Jul-20				
CC300210	WF: Stage 2.3 - Apply Pre-stress	25-Jul-20	29-Jul-20				
CC300215	WF: Stage 3.1 - Cast Remaining Side Section	30-Jul-20	12-Aug-20				
CC300220	WF: Stage 3.2 - Apply Pre-stress	13-Aug-20	17-Aug-20				
CC300225a	WF: Stage 4.1 - Cast Topping	18-Aug-20	21-Aug-20				
CC300225b	WF: Stage 4.2 - Apply Pre-stress	22-Aug-20	26-Aug-20				
CC300225d	WF: Stage 5.1 - Cast Column Monolithic Connection	27-Aug-20	29-Aug-20				
CC300225e	WF: Stage 5.2 - Pressure Grout at Temporary Bearing	31-Aug-20	31-Aug-20				
CC300230	WF: Stage 6.1 Remove Temporary Infill & Extend Base Slab	01-Sep-20	02-Sep-20				
Wall Beam WE							
CC300295a	WE: Stage 1.1 - Install Sand Layer & Soffit Formwork	08-Jun-20 A	13-Jun-20 A				
CC300295b	WE: Stage 1.2 - Cast Extended Base Slab	13-Aug-20	17-Aug-20				

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				Jun	Jul	Aug	Sep
				30	31	32	33
CC300295c	WE: Stage 1.3 - Cast Wall Stem	18-Aug-20	21-Aug-20			■	
CC300295d	WE: Stage 1.4 - Apply Temporary Stress	22-Aug-20	24-Aug-20			■	
CC300295e	WE: Stage 2.1 - Wash Out Sand Layer	25-Aug-20	25-Aug-20				
CC300295f	WE: Stage 2.2 - Cast Side Section	26-Aug-20	02-Sep-20			■	
CC300295g	WE: Stage 2.3 - De-stress Temporary Tendons	03-Sep-20	04-Sep-20				■
CC300295h	WE: Stage 3.1 - Cast Back Span	05-Sep-20	11-Sep-20				■
CC300300	WE: Stage 4.1 - Remove Temporary Infill & Base Outstand	12-Sep-20	14-Sep-20				■
Wall Beam W2							
CC300795a	W2: Stage 1.1 - Install Temporary Bearing	27-Jun-20 A	27-Jun-20 A				
CC300795c	W2: Stage 1.3 - Cast Extended Base Slab	07-May-20 A	26-Jun-20 A	■			
CC300795d	W2: Stage 1.4 - Cast Wall Stem	18-May-20 A	04-Jul-20	■			
CC300800	W2: Stage 1.5 - Apply Pre-stress	06-Jul-20	09-Jul-20		■		
CC300805a	W2: Stage 2.1 - Washout Sand Layer	10-Jul-20	13-Jul-20		■		
CC300805b	W2: Stage 2.2 - Cast Side Section against ECM	14-Jul-20	24-Jul-20		■		
CC300810	W2: Stage 2.3 - Apply Pre-stress	25-Jul-20	29-Jul-20		■		
CC300815	W2: Stage 3.1 - Cast Remaining Side Section	30-Jul-20	12-Aug-20		■		
CC300820	W2: Stage 3.2 - Apply Pre-stress	13-Aug-20	17-Aug-20			■	
CC300825a	W2: Stage 4.1 - Cast Topping	18-Aug-20	21-Aug-20			■	
CC300825b	W2: Stage 4.2 - Apply Pre-stress	22-Aug-20	26-Aug-20			■	
CC300825d	W2: Stage 5.1 - Cast Column Monolithic Connection	27-Aug-20	29-Aug-20			■	
CC300825e	W2: Stage 5.2 - Pressure Grout at Temporary Bearing	31-Aug-20	31-Aug-20				
CC300830	W2: Stage 6.1 Remove Temporary Infill & Extend Base Slab	01-Sep-20	02-Sep-20				■
Wall Beam W1							
CC300695c	W1: Stage 1.3 - Cast Extended Base Slab	29-Apr-20 A	17-Jun-20 A	■			
CC300695d	W1: Stage 1.4 - Cast Wall Stem	06-May-20 A	04-Jul-20	■			

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				Jun	Jul	Aug	Sep
				30	31	32	33
CC300700	W1: Stage 1.5 - Apply Pre-stress	06-Jul-20	09-Jul-20		■		
CC300705a	W1: Stage 2.1 - Washout Sand Layer	10-Jul-20	13-Jul-20		■		
CC300705b	W1: Stage 2.2 - Cast Side Section against ECM	14-Jul-20	24-Jul-20		■		
CC300710	W1: Stage 2.3 - Apply Pre-stress	25-Jul-20	29-Jul-20		■		
CC300715	W1: Stage 3.1 - Cast Remaining Side Section	30-Jul-20	12-Aug-20		■		
CC300720	W1: Stage 3.2 - Apply Pre-stress	13-Aug-20	17-Aug-20			■	
CC300725a	W1: Stage 4.1 - Cast Topping	18-Aug-20	21-Aug-20			■	
CC300725b	W1: Stage 4.2 - Apply Pre-stress	22-Aug-20	26-Aug-20			■	
CC300725d	W1: Stage 5.1 - Cast Column Monolithic Connection	27-Aug-20	29-Aug-20				■
CC300725e	W1: Stage 5.2 - Pressure Grout at Temporary Bearing	31-Aug-20	31-Aug-20				■
CC300730	W1: Stage 6.1 Remove Temporary Infill & Extend Base Slab	01-Sep-20	02-Sep-20				■
Wall Beam WB							
CC300595a	WB: Stage 1.1 - Install Temporary Bracing	02-Jul-20	06-Jul-20		■		
CC300595b	WB: Stage 1.2 - Install Temporary Corbel & Bearing	07-Jul-20	10-Jul-20		■		
CC300605a	W2: Stage 2.1 - Cast Extended Base Slab	08-Jun-20 A	11-Jul-20	■	■		
CC300605b	W2: Stage 2.2 - Cast Wall Stem	13-Jul-20	20-Jul-20		■		
CC300610	W2: Stage 2.3 - Apply Pre-stress	21-Jul-20	24-Jul-20		■		
CC300615a	WB: Stage 3.1 - Washout Sand Layer	25-Jul-20	27-Jul-20		■		
CC300615b	WB: Stage 3.2 - Cast Side Section above ECM	28-Jul-20	05-Aug-20		■		
CC300620	WB: Stage 3.3 - Apply Pre-stress	06-Aug-20	10-Aug-20			■	
CC300625a	WB: Stage 4.1 - Cast Remaining Side Section	11-Aug-20	26-Aug-20			■	
CC300625b	WB: Stage 4.2 - Apply Pre-stress	27-Aug-20	31-Aug-20			■	
CC300625d	WB: Stage 5.1 - Cast Topping	01-Sep-20	07-Sep-20				■
CC300625e	WB: Stage 5.2 - Apply Pre-stress	08-Sep-20	10-Sep-20				■
CC300625f	WB: Stage 6.1 - Cast Back Span	11-Sep-20	15-Sep-20				■

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				Jun	Jul	Aug	Sep
				30	31	32	33
CC300630	WB: Stage 7.1 - Remove Temp Infill, Bracing & Extended Base Slab	16-Sep-20	17-Sep-20				■
Wall Beam WC							
CC300495a	WC: Stage 1.1 - Install Temporary Bracing	07-Jul-20	10-Jul-20		■		
CC300495b	WC: Stage 1.2 - Install Temporary Corbel & Bearing	11-Jul-20	15-Jul-20		■		
CC300505a	WC: Stage 2.1 - Cast Extended Base Slab	06-Jun-20 A	18-Jul-20	■	■		
CC300505b	WC: Stage 2.2 - Cast Wall Stem	20-Jul-20	27-Jul-20		■		
CC300510	WC: Stage 2.3 - Apply Pre-stress	28-Jul-20	31-Jul-20		■		
CC300515a	WC: Stage 3.1 - Washout Sand Layer	01-Aug-20	03-Aug-20			■	
CC300515b	WC: Stage 3.2 - Cast Side Section above ECM	04-Aug-20	12-Aug-20			■	
CC300520	WC: Stage 3.3 - Apply Pre-stress	13-Aug-20	17-Aug-20			■	
CC300525a	WC: Stage 4.1 - Cast Remaining Side Section	18-Aug-20	02-Sep-20			■	
CC300525b	WC: Stage 4.2 - Apply Pre-stress	03-Sep-20	07-Sep-20				■
CC300525d	WC: Stage 5.1 - Cast Topping	08-Sep-20	14-Sep-20				■
CC300525e	WC: Stage 5.2 - Apply Pre-stress	15-Sep-20	17-Sep-20				■
CC300525f	WC: Stage 6.1 - Cast Back Span	18-Sep-20	22-Sep-20				■
CC300530	WC: Stage 7.1 - Remove Temp Infill, Bracing & Extended Base Slab	23-Sep-20	24-Sep-20				■
Wall Beam WD							
CC300395a	WD: Stage 1.1 - Install Temporary Bracing	11-Jul-20	15-Jul-20		■		
CC300395b	WD: Stage 1.2 - Install Temporary Corbel & Bearing	16-Jul-20	20-Jul-20		■		
CC300405a	WD: Stage 2.1 - Cast Extended Base Slab	21-Jul-20	28-Jul-20		■		
CC300405b	WD: Stage 2.2 - Cast Wall Stem	29-Jul-20	05-Aug-20		■		
CC300410	WD: Stage 2.3 - Apply Pre-stress	06-Aug-20	10-Aug-20			■	
CC300415a	WD: Stage 3.1 - Washout Sand Layer	11-Aug-20	12-Aug-20			■	
CC300415b	WD: Stage 3.2 - Cast Side Section above ECM	13-Aug-20	21-Aug-20			■	
CC300420	WD: Stage 3.3 - Apply Pre-stress	22-Aug-20	26-Aug-20			■	

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				Jun	Jul	Aug	Sep
				30	31	32	33
CC300425a	WD: Stage 4.1 - Cast Remaining Side Section	27-Aug-20	11-Sep-20				
CC300425b	WD: Stage 4.2 - Apply Pre-stress	12-Sep-20	16-Sep-20				
CC300425d	WD: Stage 5.1 - Cast Topping	17-Sep-20	23-Sep-20				
CC300425e	WD: Stage 5.2 - Apply Pre-stress	24-Sep-20	26-Sep-20				
CC300425f	WD: Stage 6.1 - Cast Back Span	28-Sep-20	03-Oct-20				
Structure between Wall Beam							
CC301000	Construct Structure Between Wall Beam WF & WE	15-Sep-20	30-Sep-20				
CC301400	Construct Structure Between Wall Beam WB & W1	26-Sep-20	03-Nov-20				
CC301500	Construct Structure Between Wall Beam W1 & W2	03-Sep-20	09-Oct-20				
Cost Centre C4 - Box Culvert							
South Section							
CC400100	South: Construct Box Culvert CH 144 to CH 156	04-Aug-20	31-Aug-20				
CC400105	South: Construct Box Culvert CH 156 to CH 168	01-Sep-20	28-Sep-20				
CC400110	South: Construct Box Culvert CH 168 to CH 180	29-Sep-20	29-Oct-20				
CC400115	South: Construct Box Culvert CH 180 to CH 192	04-Aug-20	31-Aug-20				
CC400120	South: Construct Box Culvert CH 192 to CH 204	01-Sep-20	28-Sep-20				
CC400125	South: Construct Box Culvert CH 204 to CH 216	29-Sep-20	29-Oct-20				
CC400130	South: Construct Box Culvert CH 216 to CH 228	04-Aug-20	31-Aug-20				
CC400135	South: Construct Box Culvert CH 228 to CH 240	01-Sep-20	28-Sep-20				
CC400140	South: Construct Box Culvert CH 240 to CH 252	29-Sep-20	29-Oct-20				
CC400145	South: Construct Box Culvert CH 252 to CH 264	04-Aug-20	31-Aug-20				
CC400150	South: Construct Box Culvert CH 264 to CH 276	01-Sep-20	28-Sep-20				
CC400155	South: Construct Box Culvert CH 276 to CH 288	29-Sep-20	29-Oct-20				
CC400160	South: Construct Box Culvert CH 288 to CH 300	04-Aug-20	31-Aug-20				
CC400165	South: Construct Box Culvert CH 300 to CH 312	01-Sep-20	28-Sep-20				

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Activity ID	Activity Name	Start Date	Finish Date	2020			
				Jun 30	Jul 31	Aug 32	Sep 33
CC400170	South: Construct Box Culvert CH 312 to CH 324	29-Sep-20	29-Oct-20				
CC400175	South: Construct Box Culvert CH 324 to CH 336	04-Aug-20	31-Aug-20			█	
CC400180	South: Construct Box Culvert CH 336 to CH 348	01-Sep-20	28-Sep-20				█
CC400185	South: Construct Box Culvert CH 348 to CH 366	29-Sep-20	29-Oct-20				█
North Section							
CC400200	North: Construct Box Culvert CH 144 to CH 132	22-Jun-20 A	24-Aug-20	█	█	█	
CC400205	North: Construct Box Culvert CH 132 to CH 120	18-Aug-20	14-Sep-20			█	
CC400210	North: Construct Box Culvert CH 120 to CH 108	04-Sep-20	03-Oct-20				█
CC400215	North: Construct Box Culvert CH 108 to CH 96	08-Aug-20	04-Sep-20			█	
CC400220	North: Construct Box Culvert CH 96 to CH 84	26-Aug-20	22-Sep-20				█
CC400225	North: Construct Box Culvert CH 84 to CH 72	08-Aug-20	04-Sep-20			█	
CC400230	North: Construct Box Culvert CH 72 to CH 60	26-Aug-20	22-Sep-20				█
CC400235	North: Construct Box Culvert CH 60 to CH 48	08-Aug-20	04-Sep-20			█	
CC400240	North: Construct Box Culvert CH 48 to CH 36	26-Aug-20	22-Sep-20				█
CC400245	North: Construct Box Culvert CH 36 to CH 24	12-Sep-20	12-Oct-20				█
Austin Road							
CC410500	[Austin Road] Install Temporary Pile Wall & Pumping Test	29-Jun-20 A	07-Sep-20	█	█	█	
CC410800	[Austin Road] Completion of North Basement Ground Floor Structure		11-Sep-20				◆
CC410850	[Austin Road] Preparation & Coordination Works	12-Sep-20	25-Sep-20				█
CC410900	[Austin Road] ELS Works for Box Culvert Construction	26-Sep-20	10-Nov-20				█
Cost Centre D - Public Infrastructure Works (PIW)							
Cost Centre D2 - Austin Road West Lay-by							
Cost Centre D2.1 Roadworks and Remaining							
MC30-Ch.170 to MC30-Ch.150							
CD210730	MC30-Ch170-150: Roadworks & Footpath	30-Jan-19 A	08-Jul-20	█	█		

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Activity ID	Activity Name	Start Date	Finish Date	2020			
				Jun 30	Jul 31	Aug 32	Sep 33
CD210750	MC30-Ch170-150: Install Street Furniture & Lighting	09-Jul-20	29-Jul-20				
MC30-Ch.150 to MC30-Ch.100							
CD210650	MC30-Ch150-100: Install Street Furniture & Lighting	30-Jul-20	19-Aug-20				
MC30-Ch.100 to MC30-Ch.50							
CD210535	MC30-Ch100-50: Maintenance Staircase	09-Jul-20	29-Jul-20				
CD210550	MC30-Ch100-50: Install Street Furniture & Lighting	20-Aug-20	09-Sep-20				
MC30-Ch.50 to MC30-Ch.00							
CD210430	MC30-Ch50-00: Roadworks & Footpath	17-Jan-20 A	11-Jul-20				
CD210450	MC30-Ch50-00: Install Street Furniture & Lighting	10-Sep-20	30-Sep-20				
MC20-Ch.140 to MC20-Ch.100							
CD210310	MC20-Ch140-100: Road Drainage (WL1.12 to WL1.9)	06-Jun-19 A	18-Jul-20				
CD210330	MC20-Ch140-100: Roadworks & Footpath	20-Jul-20	29-Aug-20				
MC20-Ch.100 to MC20-Ch.50							
CD210210	MC20-Ch100-50: Road Drainage (WL1.9 to WL1.4)	31-Aug-20	13-Oct-20				
Cost Centre D2.2 Drainage							
MC20-Ch.140 to MC20-Ch.00							
CD230200	MC20-Ch140-00: 1800mm dia Drainage (SF1.1 to SF1.1A) - 35m	12-Jun-20 A	29-Aug-20				
Cost Centre E - Miscellaneous Works							
Cost Centre E3.1 - DCS Intake Cofferdam A Section 1							
CE310240	Stage 1 Excavation Works	16-Apr-20 A	15-Jun-20 A				

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L2

Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	2020						
										May 8	Jun 9	Jul 10	Aug 11	Sep 12		
L2-3MRP 2020-05-29																
GENERAL																
L2 Schedule Key dates																
Section Keydates																
KD06B	KD6B Complete south & extended basement partition & BW f	0		29-Feb-20		26-Aug-20*	0%	-179	-179							◆ KD6B Compl
Site Access Dates- Section 1 General Site Portion																
SA0030	Site access START L04/L06 North Basement	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START L04/L06 North Basement
SA0050	Site access START L10 South of AISO1	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START L10 South of AISO1
SA0060	Site access FINISH L10 South of AISO1	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH L10 South of AISO1
SA0070	Site access START L11 North of AISO1/L1 Site Office	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START L11 North of AISO1/L1 Site Office
SA0090	Site access START L21 AISO1 walkway	0	01-Jan-20		29-May-20*		0%	-149	-149							◆ Site access START L21 AISO1 walkway
SA0110	Site access START L22 AISO1 office compound	0	01-Jan-20		29-May-20*		0%	-149	-149							◆ Site access START L22 AISO1 office compound
SA0130	Site access START L25 AISO1 CLP TX Rm	0	01-Jan-20		29-May-20*		0%	-149	-149							◆ Site access START L25 AISO1 CLP TX Rm
SA0150	Site access START L27 Lyric access & storage area	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START L27 Lyric access & storage area
SA0160	Site access FINISH L27 Lyric access & storage area	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH L27 Lyric access & storage area
SA0170	Site access START L29 AISO1 parking area	0	01-Jan-20		29-May-20*		0%	-149	-149							◆ Site access START L29 AISO1 parking area
SA0190	Site access START L33 haul road to south basement	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START L33 haul road to south basement
SA0200	Site access FINISH haul road to south basement	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH haul road to south basement
SA0210	Site access START M41A-1 DCS cofferdam Section 1	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START M41A-1 DCS cofferdam Section 1
SA0230	Site access START M41A-2 DCS cofferdam Section 2	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START M41A-2 DCS cofferdam Section 2
SA0250	Site access START M41A-3 Remain M+ promenade area	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START M41A-3 Remain M+ promenade area
SA0270	Site access START M41B Lyric Theatre promenade	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START M41B Lyric Theatre promenade
SA0290	Site access START M41C DCS cofferdam/DCS/culvert outfall	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START M41C DCS cofferdam/DCS/culvert outfall
SA0310	Site access START M+Day 2 area (tentative)	0	29-Nov-19		29-May-20*		0%	-182	-182							◆ Site access START M+Day 2 area (tentative)
SA0330	Site access START F06 AISO1 parking area	0	01-Jan-20		29-May-20*		0%	-149	-149							◆ Site access START F06 AISO1 parking area
SA0350	Site access START F07 West layby & AISO1 access road	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START F07 West layby & AISO1 access road
SA0360	Site access FINISH F07 West layby & AISO1 access road	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH F07 West layby & AISO1 access road
SA0370	Site access START L2-1 haul road to south basement	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START L2-1 haul road to south basement
SA0380	Site access FINISH L2-1 haul road to south basement	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH L2-1 haul road to south basement
SA0410	Site access START Z2-1 haul road to south basement & barge	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START Z2-1 haul road to south basement & barge facility
SA0420	Site access FINISH Z2-1 haul road to south basement & barge	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH Z2-1 haul road to south basement & barge facility
SA0430	Site access START ASB-4 (ASB access road to fab yard)	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START ASB-4 (ASB access road to fab yard)
SA0440	Site access FINISH ASB-4 (ASB access road to fab yard)	0		31-Mar-20		29-May-20*	0%	-59	-59							◆ Site access FINISH ASB-4 (ASB access road to fab yard)
Site Access Dates- Section 2 HOR/ASB Site Portion																
SA0450	Site access START AS-1 Artist Square	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START AS-1 Artist Square
SA0470	Site access START AS-2 Artist Square	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START AS-2 Artist Square
SA0490	Site access START AS-EVA Artist Square EVA	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START AS-EVA Artist Square EVA
SA0530	Site access START ASB-2 Artist Square bridge/M+ access corr	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START ASB-2 Artist Square bridge/M+ access corridor
SA0600	Site access START LTC north basement portion	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START LTC north basement portion
SA0620	Site access START LTC-EVA1 Artist Square EVA	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START LTC-EVA1 Artist Square EVA
SA0640	Site access START LTC-EVA2 Artist Square EVA south	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START LTC-EVA2 Artist Square EVA south
SA0650	Site access START LTC-EVA2 Artist Square EVA north	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START LTC-EVA2 Artist Square EVA north
SA0670	Site access START HOR P29 development/ P31 storage (if P4)	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START HOR P29 development/ P31 storage (if P4 not exercised)
SA0690	Site 1st access START HOR P29 development/ P31 storage (if	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site 1st access START HOR P29 development/ P31 storage (if P4 exercised)
SA0730	Site access START P31-1 HOR P31 development	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START P31-1 HOR P31 development
SA0760	Site access START P31-EVA Artist Square EVA	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START P31-EVA Artist Square EVA
SA0780	Site access START P31-2 Austin Rd West footpath	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START P31-2 Austin Rd West footpath
SA0810	Site access START P32-1 HOR P32 development	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START P32-1 HOR P32 development
SA0840	Site access FINISH P32-1 HOR P32 development if P6B exercis	0		29-Feb-20		26-Aug-20	0%	-179	1473							◆ Site access I
SA0850	Site access START P32-3 Artist Square/P32 storage if P6A& 6B	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START P32-3 Artist Square/P32 storage if P6A& 6B not exercised
SA0870	Site access START P32-3 Artist Square/P32 storage if P6A exei	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site access START P32-3 Artist Square/P32 storage if P6A exercised
SA0890	Site 1st access START P32-3 Artist Square/P32 storage if P6B	0	30-Sep-19		29-May-20*		0%	-242	-242							◆ Site 1st access START P32-3 Artist Square/P32 storage if P6B exercised
SA0900	Site 1st access FINISH P32-3 Artist Square/P32 storage if P6B	0		29-Feb-20		26-Aug-20	0%	-179	1473							◆ Site 1st acce
SA0930	Site access START P34-1 HOR P34 development	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START P34-1 HOR P34 development
SA0960	Site access START P34-2 Austin Rd West footpath	0	27-Apr-20		29-May-20*		0%	-32	-32							◆ Site access START P34-2 Austin Rd West footpath
Appointment of Subcontractor																
Appointment of Key Domestic Subcontractor																
Audio Electronics Installation																
S4200220	Award fo Audio Electronics Subcontract	0	02-Jul-19		29-May-20		0%	-332	-104							◆ Award fo Audio Electronics Subcontract
S4200230-1	Design & Coordination	70	02-Jul-19	09-Sep-19	29-May-20	06-Aug-20	0%	-332	-104							◆ Design & Coordination
S4200230-2	Submission for comment	36	10-Sep-19	17-Oct-19	07-Aug-20	13-Sep-20	0%	-332	-104							◆ Submission for comment
Broadcast Reception Installation																
S4200270	Award for Broadcast Reception Subcontract	0	02-Jul-19		29-May-20		0%	-332	-104							◆ Award for Broadcast Reception Subcontract
S4200280-1	Design & Coordination	70	02-Jul-19	09-Sep-19	29-May-20	06-Aug-20	0%	-332	-104							◆ Design & Coordination

SUBJECT TO REVIEW DUE TO LIMITED SITE ACCESS (OCTOBER-SEPTEMBER 2019)



- Actual Level of Effort
- Summary LOE
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- Remaining Work
- Critical Remaining Work
- ◆ Critical MS
- ◆ Milestone

L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 1 of 7)

Date	Revision	Checked	Approved
29-May-20	3MRP Update	BC / JL / EC	AY

Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	2020					
										May 8	Jun 9	Jul 10	Aug 11	Sep 12	
S4200280-2	Submission for comment	38	10-Sep-19	17-Oct-19	07-Aug-20	13-Sep-20	0%	-332	-104						
Burglar Alarm & Security Installation															
S4200320	Award for Burglar Alarm & Security Subcontract	0	02-Jul-19		29-May-20		0%	-332	-88						
S4200330-1	Design & Coordination	70	02-Jul-19	09-Sep-19	29-May-20	06-Aug-20	0%	-332	-88						
S4200330-2	Submission for comment	38	10-Sep-19	17-Oct-19	07-Aug-20	13-Sep-20	0%	-332	-88						
Radio Electronics Installation															
S4200370	Award for Radio Electronics Subcontract	0	02-Jul-19		29-May-20		0%	-332	-104						
S4200380-1	Design & Coordination	70	02-Jul-19	09-Sep-19	29-May-20	06-Aug-20	0%	-332	-104						
S4200380-2	Submission for comment	38	10-Sep-19	17-Oct-19	07-Aug-20	13-Sep-20	0%	-332	-104						
UPS Installation															
S4200460	Award for UPS Subcontract	0	02-Jul-19		29-May-20		0%	-332	-88						
S4200470-1	Design & Coordination	70	02-Jul-19	09-Sep-19	29-May-20	06-Aug-20	0%	-332	-88						
S4200470-2	Submission for comment	38	10-Sep-19	17-Oct-19	07-Aug-20	13-Sep-20	0%	-332	-88						
Optional Works															
Option 6A - GMP for P32 Artist Hostel / Residence															
S3600100	Confirm GMP for P32 Artist Hostel / Residence (450 days from	0		15-Feb-20		29-May-20	0%	-103	60						
Nominated Subcontracts															
H V Chiller for District Cooling System															
G00110	Submissions & approvals	101	07-Jan-19	17-May-19	20-Feb-19 A	30-May-20	99%	-304	12						
G00120	Order, manufacture & delivery of chillers for DCS	268	18-May-19	15-Apr-20	30-May-20	26-Jan-21	0%	-234	12						
Jointly Selected Subcontracts															
Lifts & Escalators to Lyric theatre Complex															
S4200200	JSSC- Lifts & Escalators LTC: submission & approval	173	22-Mar-19	22-Oct-19	05-Sep-19 A	29-Sep-20	40%	-277	-38						
Freight Lifts to Lyric Theatre Complex															
S4200180	JSSC- Freight Lifts LTC: submission & approval	173	22-Mar-19	22-Oct-19	05-Sep-19 A	09-Oct-20	35.84%	-284	64						
Pumps for District Cooling System															
G00700	Submissions & approvals	72	22-Mar-19	21-Jun-19	05-Sep-19 A	16-Jun-20	79%	-289	30						
G00710	Order, manufacture & deliver pump sets	213	29-Jul-19	20-Apr-20	07-Jul-20	26-Mar-21	0%	-276	14						
Visual Mock Ups															
MU0005	VISUAL MOCK UPS	200	23-Nov-18	10-Jun-19	23-Nov-18 A	14-Aug-20	61.11%	-431	-431						
MU0030	Material submission/order/delivery	74	10-Dec-18	15-Mar-19	10-Dec-18 A	23-Jun-20	70.27%	-373	-349						
MU0040	Install visual mock ups	91	26-Jan-19	25-May-19	12-Oct-19 A	31-Jul-20	38%	-349	-349						
MU0050	Inspection / approval by CA	12	27-May-19	10-Jun-19	31-Jul-20	14-Aug-20*	0%	-349	-349						
COST CENTRE A - Preliminaries and General Requirements															
Schedule of Milestones															
Pre-Construction Preliminaries															
A1-09(b)	(A1-09b) Obtn NNO fr CA for compl/coord CSD & CBWD	0		22-Oct-19		21-Jul-20*	0%	-273	-273						
Preliminaries and General Requirements															
A2-03	(A2-03) Success pass Compl Rev CA's satisf- PTMD & CPMD	0		30-Jun-20		30-Jun-20*	0%	0	0						
Major Drawing submissions															
CCA1220	Submission of CSD and CBWD - LTC (Milestone A1-9b)	101	23-Mar-19	27-Jul-19	23-Mar-19 A	12-Jun-20	94%	-257	-354						
CCA1230	Review and approval of CSD and CBWD - LTC (Milestone A1-9)	71	29-Jul-19	22-Oct-19	22-Apr-19 A	21-Jul-20	87%	-217	-217						
CCA1235	CSD & CBWD- NNO received (Milestone A1-9b)	0		22-Oct-19		21-Jul-20	0%	-217	-217						
CCA1237	Coordination and clash analysis of CA BIM model (Milestone	87	24-Dec-18	15-Apr-19	24-Dec-18 A	28-Aug-20	83.4%	-403	-329						
CCA1240	Submission of BIM & 4-D BIM (Milestone A1-9a)	89	16-Apr-19	05-Aug-19	25-Jan-19 A	03-Dec-20	38.19%	-394	-354						
CCA1250	Review, resubmission and approval of BIM & 4-D BIM (Milesto	64	06-Aug-19	22-Oct-19	26-Apr-19 A	04-Jan-21	0%	-354	-354						
CCA1570	PTMD & CPMD Compliance review (Milestone A2-03)	25	01-Jun-20	30-Jun-20	01-Jun-20*	30-Jun-20	0%	0	0						
CCA1580	PTMD & CPMD Compliance review (Milestone A2-03)- Pass rec	0		30-Jun-20		30-Jun-20	0%	0	0						
Major Material submissions															
CCA1280	Submission of Ductworks	38	23-Mar-19	11-May-19	23-Mar-19 A	30-May-20	97%	-308	-18						
CCA1290	Review and approval of Ductworks	25	14-May-19	12-Jun-19	30-May-20	30-Jun-20	0%	-308	-18						
CCA1300	Submission of Pipeworks	38	23-Mar-19	11-May-19	23-Mar-19 A	30-May-20	97%	-308	-18						
CCA1310	Review and approval of Pipeworks	25	14-May-19	12-Jun-19	30-May-20	30-Jun-20	0%	-308	-18						
CCA1330	Review and approval of Cable Containment	25	14-May-19	12-Jun-19	17-Jun-19 A	30-May-20	93%	-284	7						
CCA1340	Submission of Cable	38	13-Jun-19	27-Jul-19	01-Aug-19 A	10-Jun-20	59%	-255	-32						
CCA1350	Review and approval of Cable	27	29-Jul-19	28-Aug-19	10-Jun-20	14-Jul-20	0%	-255	-32						
CCA1370	Review and approval of LVSB & HVSB	25	12-Sep-19	14-Oct-19	19-Jun-19 A	16-Jun-20	80%	-196	-21						
CCA1380	Submission of Fans	38	14-May-19	27-Jun-19	14-May-19 A	08-Jun-20	81%	-277	4						
CCA1390	Review and approval of Fans	25	28-Jun-19	27-Jul-19	04-Jul-19 A	27-Jun-20	37%	-268	4						
CCA1400	Submission of Pump sets	38	14-May-19	27-Jun-19	14-May-19 A	05-Jun-20	85%	-276	-8						
CCA1410	Review and approval of Pump sets	25	28-Jun-19	27-Jul-19	05-Jun-20	07-Jul-20	0%	-276	14						
CCA1420	Submission of LMCP	39	14-May-19	28-Jun-19	14-May-19 A	04-Jun-20	88%	-274	-8						
CCA1430	Review and approval of LMCP	25	29-Jun-19	29-Jul-19	04-Jun-20	06-Jul-20	0%	-274	-8						
CCA1450	Review and approval of Genset	25	30-Oct-19	27-Nov-19	25-Dec-19 A	16-Jun-20	37%	-158	-5						

SUBJECT TO LIMITED SITE ACCESS GIVEN ON 30SEP2019



- █ Actual Level of Effort
- █ Remaining Work
- █ Critical Remaining Work
- ▬ Project Baseline
- ◆ Critical MS
- ◆ Milestone
- ▬ Actual Work

L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 2 of 7)

Date	Revision	Checked	Approved
29-May-20	3MRP Update	BC / JL / EC	AY

Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	2020				
										May 8	Jun 9	Jul 10	Aug 11	Sep 12
CCA1500	Submission of Theatre Seat	38	15-Jan-20	05-Mar-20	29-May-20*	14-Jul-20	0%	-104	321	Submission of Theatre Seat				
CCA1510	Review and approval of Theatre Seat	50	06-Mar-20	09-May-20	15-Jul-20	10-Sep-20	0%	-104	321	Submission of Acoustics wall panel				
CCA1610	Submission of Acoustics wall panel	38	15-Jan-20	05-Mar-20	29-May-20*	14-Jul-20	0%	-104	382	Submission of Acoustics wall panel				
CCA1710	Review and approval of Acoustics wall panel	50	06-Mar-20	09-May-20	15-Jul-20	10-Sep-20	0%	-104	382					
DfMA development														
X100100	DfMA development for LB2	60	16-Apr-19	02-Jul-19	31-May-19 A	09-Jun-20	96%	-275	-11	DfMA development for LB2				
X100160	DfMA development for LB1	48	03-Jul-19	27-Aug-19	01-Jun-20	28-Jul-20	0%	-268	-36	DfMA development for LB1				
X100170	DfMA development for LB1M	42	28-Aug-19	18-Oct-19	01-Jun-20	25-Aug-20	0%	-250	-36	DfMA develop				
X100180	DfMA development for LTC	122	23-Oct-19	23-Mar-20	12-Jun-20	16-Sep-20	0%	-144	-39					
Procurement, manufacturing and delivery of long lead items														
X100500	Place order for Ductworks	13	13-Jun-19	27-Jun-19	30-Jun-20	16-Jul-20	0%	-308	-18	Place order for Ductworks				
X100510	Manufacturing and delivery for Ductworks	95	28-Jun-19	21-Oct-19	16-Jul-20	07-Nov-20	0%	-308	-18					
X100520	Place order for Pipeworks	13	13-Jun-19	27-Jun-19	30-Jun-20	16-Jul-20	0%	-308	-18	Place order for Pipeworks				
X100530	Manufacturing and delivery for Pipeworks	95	28-Jun-19	21-Oct-19	16-Jul-20	07-Nov-20	0%	-308	-18					
X100540	Place order for Cable Containment	13	13-Jun-19	27-Jun-19	30-May-20	15-Jun-20	0%	-284	7	Place order for Cable Containment				
X100550	Manufacturing and delivery for Cable Containment	95	28-Jun-19	21-Oct-19	15-Jun-20	08-Oct-20	0%	-284	7					
X100560	Place order for LVSB & HVSB	19	15-Oct-19	05-Nov-19	17-Jun-20	10-Jul-20	0%	-196	-21	Place order for LVSB & HVSB				
X100570	Manufacturing and delivery for LVSB & HVSB	143	06-Nov-19	07-May-20	11-Jul-20	30-Dec-20	0%	-196	-21					
X100600	Place order for Genset	19	28-Nov-19	19-Dec-19	16-Jun-20	10-Jul-20	0%	-158	-5	Place order for Genset				
X100610	Manufacturing and delivery for Genset	150	20-Dec-19	30-Jun-20	10-Jul-20	08-Jan-21	0%	-158	-5					
X100620	Place order for Fans	17	29-Jul-19	16-Aug-19	27-Jun-20	18-Jul-20	0%	-268	4	Place order for Fans				
X100630	Manufacturing and delivery for Fans	98	19-Aug-19	13-Dec-19	20-Jul-20	14-Nov-20	0%	-268	4					
X100640	Place order for Pump sets	20	29-Jul-19	20-Aug-19	07-Jul-20	30-Jul-20	0%	-276	14	Place order for Pump sets				
X100650	Manufacturing and delivery for Pump sets	193	21-Aug-19	20-Apr-20	30-Jul-20	26-Mar-21	0%	-276	14					
X100660	Place order for chillers	18	18-May-19	08-Jun-19	30-May-20	20-Jun-20	0%	-304	12	Place order for chillers				
X100670	Manufacture & delivery of chillers	250	10-Jun-19	15-Apr-20	20-Jun-20	26-Jan-21	0%	-234	12					
X100680	Place order for LMCP	19	30-Jul-19	20-Aug-19	06-Jul-20	28-Jul-20	0%	-274	-8	Place order for LMCP				
X100690	Manufacturing and delivery for LMCP	91	21-Aug-19	07-Dec-19	28-Jul-20	14-Nov-20	0%	-274	-8					
X100700	Place order for DfMA items in LB2	18	03-Jul-19	23-Jul-19	09-Jun-20	02-Jul-20	0%	-275	-11	Place order for DfMA items in LB2				
X100710	Manufacturing and delivery for DfMA items in LB2 @ 25%	100	24-Jul-19	20-Nov-19	02-Jul-20	30-Oct-20	0%	-275	-11					
X100720	Place order for DfMA items in LB1	18	28-Aug-19	18-Sep-19	29-Jul-20	18-Aug-20	0%	-268	-18	Place order for DfMA ite				
X100730	Manufacturing and delivery for DfMA items in LB1 @ 25%	99	19-Sep-19	17-Jan-20	19-Aug-20	15-Dec-20	0%	-268	-18					
X100740	Place order for DfMA items in LB1M	18	19-Oct-19	08-Nov-19	26-Aug-20	15-Sep-20	0%	-250	-22					
X100820	Place order for DfMA items for DCS	19	24-Jul-19	14-Aug-19	29-May-20	19-Jun-20	0%	-248	-11	Place order for DfMA items for DCS				
X100830	Manufacturing and delivery for DfMA items for DCS @ 25%	106	15-Aug-19	19-Dec-19	20-Jun-20	27-Oct-20	0%	-248	-11					
Main contractor's design item														
Facade/ Skylight/ Roof feature														
EF100000	Facade shop drgs- Prepare & submit to CA	77	30-Nov-18	09-Mar-19	30-Nov-18 A	10-Jun-20	85.71%	-367	-425	Facade shop drgs- Prepare & submit to CA				
EF100002	Facade shop drgs- Review & Comment by CA	25	25-Feb-19	25-Mar-19	10-Jan-19 A	24-Jun-20	69.33%	-366	-426	Facade shop drgs- Review & Comment by CA				
EF100004	Facade shop drgs- Incorporate comments & resubmit to CA	46	12-Mar-19	09-May-19	26-Jan-19 A	12-Aug-20	45%	-372	-426	Facade shop drgs- Incorporate				
EF100008-05	Facade shop drgs- Review & approval of resubmission by CA	22	25-Apr-19	22-May-19	28-Mar-19 A	29-Oct-20	5%	-426	-426					
EF100008-35	Facade BD drgs- submit to CA for review & comments	12	25-Jun-19	09-Jul-19	30-Mar-19 A	22-Jun-20	78.72%	-281	-301	Facade BD drgs- submit to CA for review & comments				
EF100008-45	Facade BD drgs- incorporate CA comments & resubmit	12	10-Jul-19	23-Jul-19	12-Jun-19 A	17-Jul-20	77.04%	-289	-301	Facade BD drgs- incorporate CA comments & resubmit				
EF100008-55	Facade BD drgs- Submit to BD for approval	61	24-Jul-19	22-Sep-19	17-Jul-19 A	30-Sep-20	76.9%	-374	-374					
EF100010	Prepare & Submit Sample/ Material	90	30-Jan-19	29-Apr-19	21-Jan-19 A	31-May-20	96.67%	-398	-78	Prepare & Submit Sample/ Material				
EF100020	Review & Comment by CA/Consultants	90	31-Mar-19	28-Jun-19	26-Jan-19 A	21-Jun-20	73.33%	-359	-105	Review & Comment by CA/Consultants				
EF100030	Re-submit Sample/ Material	90	30-May-19	27-Aug-19	14-Feb-19 A	27-Jul-20	33.33%	-335	-111	Re-submit Sample/ Material				
EF100040	Approval by CA/Consultants	90	29-Jul-19	26-Oct-19	16-Apr-19 A	23-Sep-20	2.22%	-333	-111					
COST CENTRE B - Lyric Theatre Complex														
Schedule of Milestones														
B01	(B01) Obtain Superstructure consent (B2/F - G/F)	0		30-May-20		30-May-20*	0%	0	0	◆ (B01) Obtain Superstructure consent (B2/F - G/F)				
Site Setup/ Mobilization														
B100100	Prepare Site Condition Survey & Report	32	30-Sep-19	09-Nov-19	21-Feb-20 A	07-Jul-20	10%	-181	-181	Prepare Site Condition Survey & Report				
B100500	Install Tower Crane TC3 anchor (by L1 contractor)	6	15-Jul-19	22-Jul-19	29-May-20	05-Jun-20	0%	-239	-137	Install Tower Crane TC3 anchor (by L1 contractor)				
B100510	Erect Tower Crane TC3	12	30-Sep-19	16-Oct-19	06-Jun-20	22-Jun-20	0%	-190	-137	Erect Tower Crane TC3				
B100600	Install Tower Crane TC4 anchor (by L1 contractor)	6	23-Jul-19	30-Jul-19	06-Jun-20	13-Jun-20	0%	-239	-131	Install Tower Crane TC4 anchor (by L1 contractor)				
B100610	Erect Tower Crane TC4	12	17-Oct-19	31-Oct-19	23-Jun-20	09-Jul-20	0%	-190	-137	Erect Tower Crane TC4				
B100700	Install Tower Crane TC1 anchor (by L1 contractor)	6	31-Jul-19	06-Aug-19	15-Jun-20	22-Jun-20	0%	-239	-125	Install Tower Crane TC1 anchor (by L1 contractor)				
B100710	Erect Tower Crane TC1	12	01-Nov-19	14-Nov-19	10-Jul-20	25-Jul-20	0%	-190	-137	Erect Tower Crane TC1				
Structural Steel Fabrication														
Mega Truss for MT														
B300590	Prepare & Submit Sample/Material/Shop Drawing	60	29-Jul-19	26-Sep-19	29-Jul-19 A	01-Jun-20	93.33%	-249	-151	Prepare & Submit Sample/Material/Shop Drawing				
B300600	Review & Comment by CA/Consultants	60	28-Aug-19	26-Oct-19	28-Aug-19 A	17-Jun-20	66.67%	-235	-177	Review & Comment by CA/Consultants				
B300610	Revise & Re-submit Sample/Material/Shop Drawing	60	27-Sep-19	25-Nov-19	27-Sep-19 A	17-Jul-20	16.67%	-235	-187	Revise & Re-submit Sample/Material/Shop Drawing				
B300620	Approval by CA/Consultants	60	27-Oct-19	25-Dec-19	18-Jun-20	16-Aug-20	0%	-235	-187	Approval by CA/Consultan				



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L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 3 of 7)

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Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	2020					
										May 8	Jun 9	Jul 10	Aug 11	Sep 12	
B300630	Procurement, Fabrication and Delivery	330	26-Dec-19	19-Nov-20	17-Aug-20	12-Jul-21	0%	-235	-187						
Structure															
B200132	Apply waterproofing to RC structure @-9.23mPD for 1st bay	11	30-Sep-19	15-Oct-19	29-May-20	30-May-20	0%	-175	-163						
B200134	Apply remaining W/P	50	16-Oct-19	13-Dec-19	01-Jun-20	08-Aug-20	0%	-175	-163						
B200135	Works related to isolation spring (refer Cost Centre H)	108	30-Sep-19	17-Feb-20	30-Sep-19 A	08-Aug-20	52.76%	-127	-125						
B200180	Formwork to Isolation Pad	60	17-Dec-19	14-Feb-20	04-May-20 A	19-Sep-20	10%	-218	-221						
B200200	Construct B2 Zone 1	53	17-Jan-20	25-Mar-20	13-May-20 A	29-Oct-20	25%	-154	-157						
B200210	Construct B2 Zone 2	25	16-Jan-20	20-Feb-20	06-Jun-20	10-Jul-20	0%	-104	-104						
B200220	Construct B2 Zone 3	24	16-Jan-20	19-Feb-20	15-May-20 A	06-Jul-20	10%	-102	-99						
B200230	Construct B2 Zone 4	53	16-Jan-20	24-Mar-20	15-May-20 A	06-Oct-20	5%	-137	-137						
B200250	Construct B2U/F Zone 2	20	10-Feb-20	03-Mar-20	27-Jun-20	24-Jul-20	0%	-104	-104						
B200260	Construct B2U/F Zone 3	43	20-Feb-20	14-Apr-20	11-Aug-20	12-Oct-20	0%	-127	-125						
B200290	Construct B1L/F Zone 2	32	24-Feb-20	31-Mar-20	14-Jul-20	26-Aug-20	0%	-104	-104						
B200310	Construct B1/F Zone 2	22	24-Mar-20	24-Apr-20	18-Aug-20	16-Sep-20	0%	-104	-104						
Precast Elements Submission, Approval & Manufacture															
B200620	Prepare & submit shop drawings	36	01-Apr-19	18-May-19	29-May-20	11-Jul-20	0%	-338	-130						
B200630	Comments shop drawings	24	20-May-19	17-Jun-19	13-Jul-20	08-Aug-20	0%	-338	-130						
B200640	Prepare resubmission & approval	24	18-Jun-19	16-Jul-19	10-Aug-20	05-Sep-20	0%	-338	-130						
Building Services Installation															
LB02															
LB02 LTC LV Switch Room 2 - South Basement															
BLB02-1060	Access to LTC LV Switch Room 2 - South Basement LB02	0	28-Mar-20		29-May-20*		0%	-47	15						
BLB02-1070	LTC LV Switch Room 2 BS 1st fix Installation - South Baseme	25	28-Mar-20	02-May-20	29-May-20	27-Jun-20	0%	-47	18						
BLB02-1080	LTC LV Switch Room 2 Equipment and 1st fix connection wor	12	04-May-20	16-May-20	29-Jun-20	13-Jul-20	0%	-47	18						
BLB02-1090	LTC LV Switch Room 2 2nd fix - South Basement LB02	19	18-May-20	08-Jun-20	14-Jul-20	04-Aug-20	0%	-47	18						
BLB02-1100	LTC LV Switch Room 2 final fix - South Basement LB02	6	09-Jun-20	15-Jun-20	05-Aug-20	11-Aug-20	0%	-47	18						
BLB02-1110	LV Switchboard installation - South Basement LB02	16	16-Jun-20	06-Jul-20	12-Aug-20	29-Aug-20	0%	-47	18						
LB02 Irrigation water tank & pump room - South Basement															
BLB02-1200	Access to Irrigation water tank & pump room - South Baseme	0	28-Mar-20		29-May-20		0%	-47	15						
BLB02-1210	Irrigation water tank & pump room BS 1st fix Installation - Sou	25	28-Mar-20	02-May-20	29-May-20	27-Jun-20	0%	-47	15						
BLB02-1220	Irrigation water tank & pump room Equipment and 1st fix con	25	04-May-20	01-Jun-20	29-Jun-20	28-Jul-20	0%	-47	15						
BLB02-1230	Irrigation water tank & pump room 2nd fix - South Basement I	25	02-Jun-20	02-Jul-20	29-Jul-20	26-Aug-20	0%	-47	15						
BLB02-1240	Irrigation water tank & pump room final fix - South Basement	6	03-Jul-20	09-Jul-20	27-Aug-20	02-Sep-20	0%	-47	15						
COST CENTRE C - ASDA and Lyric Theatre Promenade															
Site Portion Access															
C100200	Northern Basement Access	0	27-Apr-20		29-May-20*		0%	-32	-32						
P29 (access options)															
C102005	Site access P29 (HOR P29 development/P31 construction stor	0	27-Apr-20		29-May-20*		0%	-26	-26						
C102010	Structural Works	60	27-Apr-20	18-Jul-20	29-May-20	20-Aug-20	0%	-23	203						
P31-2															
C201105	Site access P31-2 (Austin Rd West Public Footpath)	0	27-Apr-20		29-May-20*		0%	-26	-26						
P34-2															
C201225	Site access P34-2 (Austin Rd West Public Footpath)	0	27-Apr-20		29-May-20*		0%	-26	-26						
ASB-2															
C201285	Site access to ASB-2 Artist Square Bridge/M+ Access Corridor	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201287	Structural Works (raise slab)	48	27-Apr-20	02-Jul-20	29-May-20	03-Aug-20	0%	-23	32						
C201292	KD5B Preparation for protected corridor	90	18-Jun-20	15-Sep-20	18-Jun-20	15-Sep-20	0%	0	2						
C210110	KD5B Issue construction information for protected corridor	0	18-Jun-20		18-Jun-20*		0%	0	0						
P31-1															
C201345	Site access to P31-1 HOR P31 development	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201346	Issue construction information	0	30-Mar-20		29-May-20*		0%	-60	-60						
C201347	Preparation	93	30-Mar-20	30-Jun-20	29-May-20	29-Aug-20	0%	-60	-58						
ASB-1															
C201310	KD5C Issue construction information for ASB landscape area	0	02-Jul-20		02-Jul-20*		0%	0	0						
C201320	KD5C Preparation for ASB landscape area	90	02-Jul-20	29-Sep-20	02-Jul-20	29-Sep-20	0%	0	2						
C201405	Issue construction information	0	02-Jul-20		02-Jul-20*		0%	0	0						
C201407	Preparation	90	02-Jul-20	29-Sep-20	02-Jul-20	29-Sep-20	0%	0	2						
P34-1															
C201465	Site access to P34-1HOR P34 development	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201466	Issue construction information	0	30-Mar-20		29-May-20*		0%	-46	-46						
C201467	Preparation	93	30-Mar-20	30-Jun-20	29-May-20	29-Aug-20	0%	-60	-58						
P31-EVA															
C201585	Site access to P31-EVA (Artist Square EVA)	0	27-Apr-20		29-May-20*		0%	-23	-23						
C201590	Structural Works	62	27-Apr-20	21-Jul-20	29-May-20	22-Aug-20	0%	-23	107						

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- ▬ Critical Remaining Work
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- ◆ Critical MS
- ◆ Milestone
- ▬ Actual Work

L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 4 of 7)

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										May 8	Jun 9	Jul 10	Aug 11	Sep 12	
LTC-EVA1															
C201645	LTC-EVA1 (Artist Square EVA)	0	27-Apr-20		29-May-20*		0%	-23	-23						
C201650	Structural Works	62	27-Apr-20	21-Jul-20	29-May-20	22-Aug-20	0%	-23	107						
P32-1															
C201705	Site access to P32-1 HOR P32 development	0	30-Sep-19		29-May-20*		0%	-191	-191						
C201710	Minor Structural Works for P32	119	30-Sep-19	29-Feb-20	29-May-20	09-Nov-20	0%	-184	-184						
LTC-EVA2															
C201763	Site access LTC-EVA2 (Artist Square EVA) South Portion	0	30-Sep-19		29-May-20*		0%	-191	-64						
C201766	Site access LTC-EVA2 (Artist Square EVA) North Portion	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201768	Structural Works (south portion)	64	30-Sep-19	17-Dec-19	29-May-20	25-Aug-20	0%	-184	-59						
C201770	Structural Works (north portion)	32	27-Apr-20	09-Jun-20	26-Aug-20	10-Oct-20	0%	-87	-59						
AS-1															
C201825	Site access AS-1 Artist Square	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201830	Structural Works	66	27-Apr-20	27-Jul-20	29-May-20	28-Aug-20	0%	-23	178						
AS-EVA															
C201885	Site access AS-EVA (Artist Square EVA)	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201890	Structural Works	65	27-Apr-20	25-Jul-20	26-Aug-20	20-Nov-20	0%	-87	-59						
AS2															
C201945	Site access AS-2 (Artist Square)	0	27-Apr-20		29-May-20*		0%	-26	-26						
C201950	Structural Works	66	27-Apr-20	27-Jul-20	26-Aug-20	21-Nov-20	0%	-87	-59						
P32-3 (access options)															
C202005	Site access P32-3 (Artist Square/P32 construction storage & ac	0	30-Sep-19		29-May-20*		0%	-191	403						
COST CENTRE D - Remianing Works for M+ Promenade South															
Installation - Remaining Works for M+ Promenade South															
D100000	Site Clearance	22	25-Nov-19	19-Dec-19	24-Jul-20	24-Aug-20	0%	-181	-181						
D100100	Construct concrete slats deck	29	20-Dec-19	01-Feb-20	24-Aug-20	05-Oct-20	0%	-181	-181						
COST CENTRE E - DCS Cofferdam															
Section 1															
E100610	Take-over excavated Section 1 from L1 contractor	0	30-Sep-19		29-May-20*		0%	-184	-184						
E100620	Connection of DCS pipes	28	30-Sep-19	05-Nov-19	29-May-20	06-Jul-20	0%	-184	-184						
E100630	Construction of Valve Chamber, Thrust Blocks etc.	28	30-Oct-19	30-Nov-19	29-Jun-20	06-Aug-20	0%	-184	-184						
E100640	Pipe leakage tests	12	02-Dec-19	14-Dec-19	07-Aug-20	22-Aug-20	0%	-184	-184						
E100650	Back fill and removal of struts (Milestone E01)	11	16-Dec-19	30-Dec-19	24-Aug-20	07-Sep-20	0%	-184	-184						
Section 2															
E200100	Take over instrumentation points and record from L1 Contrac	6	30-Sep-19	08-Oct-19	29-May-20	05-Jun-20	0%	-184	-184						
E200110	ELS submission, approval and consent	90	09-Oct-19	06-Jan-20	06-Jun-20	03-Sep-20	0%	-241	-241						
COST CENTRE F - Modification to Existing Pump Cell															
Schedule of Milestones															
F01	(F01) Complete structl survey and structl modif works where	0		30-Dec-19		24-Aug-20*	0%	-238	-238						
Reprovision of Sea Water Pump Cell															
F300110	Hoarding to Site Boundary	32	04-Nov-19	10-Dec-19	20-Jun-20	03-Aug-20	0%	-174	-174						
F300120	Modification to Existing Ventilation Shafts, remove existing c	32	04-Nov-19	10-Dec-19	20-Jun-20	03-Aug-20	0%	-174	-174						
F300130	Extension of existing draw pits to proposed landscape level (15	11-Dec-19	30-Dec-19	04-Aug-20	24-Aug-20	0%	-174	-174						
F300140	Reprovision of Steel Plate Cover	16	31-Dec-19	18-Jan-20	25-Aug-20	15-Sep-20	0%	-174	-171						
Installation															
F100100	Site survey	19	12-Oct-19	02-Nov-19	29-May-20	19-Jun-20	0%	-182	-182						
F100200	ABWF work	96	04-Nov-19	04-Mar-20	20-Jun-20	14-Oct-20	0%	-182	286						
COST CENTRE G - Extended Basement															
Builder's Works															
G100110	Room partition & assoc BW LB02 south	31	30-Sep-19	06-Nov-19	29-May-20	06-Jul-20	0%	-191	-189						
G100120	Room partition & assoc BW LB01 south	47	07-Nov-19	03-Jan-20	07-Jul-20	29-Aug-20	0%	-191	-189						
G100133	Issue CAI for P32 southern basemnet partition & ABWF	0	02-Dec-19		29-May-20		0%	-179	-179						
G100135	Partition work & ABWF for P32 in Extended basement	90	02-Dec-19	29-Feb-20	29-May-20	26-Aug-20	0%	-179	-179						
G100140	Room partition & assoc BW LB02 north	31	27-Apr-20	03-Jun-20	29-May-20	06-Jul-20	0%	-26	-25						
G100150	Room partition & assoc BW LB01 north	48	04-Jun-20	31-Jul-20	07-Jul-20	31-Aug-20	0%	-26	-25						
G100165	BW inside DCS plant rm LB02 south (Milestone G03b)	52	07-Nov-19	09-Jan-20	07-Jul-20	04-Sep-20	0%	-191	-163						
BS Installation															
BL2															
GLB02-1000	Extended Basement BS 1st fix Installation - South Basement I	91	21-Nov-19	16-Mar-20	07-Jul-20	22-Oct-20	0%	-179	-115						
GLB02-1010	Extended Basement 1st fix connection works - South Basem	80	31-Dec-19	14-Apr-20	13-Aug-20	17-Nov-20	0%	-179	-115						
DCS Plant - South Basement															
GLB02-1090	DCS Plant High Level 1st fix Installation - South Basement BL	91	21-Nov-19	16-Mar-20	07-Jul-20	22-Oct-20	0%	-179	-63						
Car Park Fan Room - South Basement															

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GLB02-1240	Access to Car Park fan room - South Basement BL2	0	28-Nov-19	29-May-20*	29-May-20*	29-May-20*	0%	-142	-114	Access to Car Park fan room - South Basement BL2					
GLB02-1250	Car Park fan room BS 1st fix Installation - South Basement BL2	25	28-Nov-19	28-Dec-19	29-May-20	27-Jun-20	0%	-142	-114	Car Park fan room BS 1st fix Installation - South Basement BL2					
GLB02-1260	Car Park fan room Equipment and 1st fix connection works - South Basement BL2	22	30-Dec-19	24-Jan-20	29-Jun-20	24-Jul-20	0%	-142	-114	Car Park fan room Equipment and 1st fix connection works - South Basement BL2					
GLB02-1270	Car Park fan room 2nd fix - South Basement BL2	25	01-Feb-20	29-Feb-20	25-Jul-20	22-Aug-20	0%	-142	-114	Car Park fan room 2nd fix - South Basement BL2					
GLB02-1280	Car Park fan room final fix - South Basement BL2	6	02-Mar-20	07-Mar-20	24-Aug-20	29-Aug-20	0%	-142	-114	Car Park fan room final fix - South Basement BL2					
DCS HV Equipment Room - South Basement															
GLB02-1150	Access to DCS HV Equipment room - South Basement BL2	0	01-Feb-20	29-May-20*	29-May-20*	29-May-20*	0%	-95	-38	Access to DCS HV Equipment room - South Basement BL2					
GLB02-1160	DCS HV Equipment room BS 1st fix Installation - South Basement BL2	25	27-Feb-20	26-Mar-20	24-Jun-20	24-Jul-20	0%	-95	-60	DCS HV Equipment room BS 1st fix Installation - South Basement BL2					
GLB02-1170	DCS HV Equipment room Equipment and 1st fix connection works - South Basement BL2	12	27-Mar-20	14-Apr-20	25-Jul-20	07-Aug-20	0%	-95	-31	DCS HV Equipment room Equipment and 1st fix connection works - South Basement BL2					
GLB02-1180	DCS HV Equipment room 2nd fix - South Basement BL2	19	15-Apr-20	08-May-20	08-Aug-20	29-Aug-20	0%	-95	-31	DCS HV Equipment room 2nd fix - South Basement BL2					
DCS LV Switchgear Room - South Basement															
GLB02-1290	Access to DCS LV Switchgear room - South Basement BL2	0	01-Feb-20	29-May-20*	29-May-20*	29-May-20*	0%	-95	-60	Access to DCS LV Switchgear room - South Basement BL2					
GLB02-1300	DCS LV Switchgear room BS 1st fix Installation - South Basement BL2	22	01-Feb-20	26-Feb-20	29-May-20	23-Jun-20	0%	-95	-60	DCS LV Switchgear room BS 1st fix Installation - South Basement BL2					
GLB02-1310	DCS LV Switchgear room Equipment and 1st fix connection works - South Basement BL2	12	27-Feb-20	11-Mar-20	24-Jun-20	09-Jul-20	0%	-95	-40	DCS LV Switchgear room Equipment and 1st fix connection works - South Basement BL2					
GLB02-1320	DCS LV Switchgear room 2nd fix - South Basement BL2	19	12-Mar-20	02-Apr-20	10-Jul-20	31-Jul-20	0%	-95	-40	DCS LV Switchgear room 2nd fix - South Basement BL2					
GLB02-1330	DCS LV Switchgear room final fix - South Basement BL2	6	03-Apr-20	14-Apr-20	01-Aug-20	07-Aug-20	0%	-95	-40	DCS LV Switchgear room final fix - South Basement BL2					
FS / Spr Pump Room - South Basement															
GLB02-1380	Access to FS / SPR Pump room - South Basement BL2	0	28-Nov-19	29-May-20*	29-May-20*	29-May-20*	0%	-142	18	Access to FS / SPR Pump room - South Basement BL2					
GLB02-1390	FS / SPR Pump room BS 1st fix Installation - South Basement BL2	22	30-Dec-19	24-Jan-20	29-Jun-20	24-Jul-20	0%	-142	-8	FS / SPR Pump room BS 1st fix Installation - South Basement BL2					
GLB02-1400	FS / SPR Pump room Equipment and 1st fix connection works - South Basement BL2	25	01-Feb-20	29-Feb-20	25-Jul-20	22-Aug-20	0%	-142	-8	FS / SPR Pump room Equipment and 1st fix connection works - South Basement BL2					
GLB02-1410	FS / SPR Pump room 2nd fix - South Basement BL2	25	02-Mar-20	30-Mar-20	24-Aug-20	21-Sep-20	0%	-142	-8	FS / SPR Pump room 2nd fix - South Basement BL2					
MAF and SEF Room - North Basement															
GLB02-1430	Access to MAF and SEF room - North Basement BL2	0	28-May-20	15-Jun-20*	15-Jun-20*	15-Jun-20*	0%	-15	106	Access to MAF and SEF room - North Basement BL2					
GLB02-1440	MAF and SEF room BS 1st fix Installation - North Basement BL2	24	28-May-20	24-Jun-20	15-Jun-20	14-Jul-20	0%	-15	106	MAF and SEF room BS 1st fix Installation - North Basement BL2					
GLB02-1450	MAF and SEF room Equipment and 1st fix connection works - North Basement BL2	26	26-Jun-20	27-Jul-20	15-Jul-20	13-Aug-20	0%	-15	106	MAF and SEF room Equipment and 1st fix connection works - North Basement BL2					
GLB02-1460	MAF and SEF room 2nd fix - North Basement BL2	27	28-Jul-20	27-Aug-20	14-Aug-20	14-Sep-20	0%	-15	106	MAF and SEF room 2nd fix - North Basement BL2					
BL1															
DCS HV switch room - South Basement															
GLB01-1140	Access to DCS HVSW room - South Basement BL1	0	26-Feb-20	29-May-20*	29-May-20*	29-May-20*	0%	-74	-33	Access to DCS HVSW room - South Basement BL1					
GLB01-1150	DCS HVSW room BS 1st fix Installation - South Basement BL1	25	27-Mar-20	29-Apr-20	25-Jul-20	22-Aug-20	0%	-95	-60	DCS HVSW room BS 1st fix Installation - South Basement BL1					
GLB01-1160	DCS HVSW room Equipment and 1st fix connection works - South Basement BL1	12	02-May-20	15-May-20	24-Aug-20	05-Sep-20	0%	-95	-40	DCS HVSW room Equipment and 1st fix connection works - South Basement BL1					
DCS Fan room - South Basement															
GLB01-1230	Access to DCS Fan room - South Basement BL1	0	26-Feb-20	29-May-20	29-May-20	29-May-20	0%	-74	-33	Access to DCS Fan room - South Basement BL1					
GLB01-1240	DCS Fan room BS 1st fix Installation - South Basement BL1	24	26-Feb-20	24-Mar-20	29-May-20	26-Jun-20	0%	-74	-10	DCS Fan room BS 1st fix Installation - South Basement BL1					
GLB01-1250	DCS Fan room Equipment and 1st fix connection works - South Basement BL1	26	25-Mar-20	28-Apr-20	27-Jun-20	28-Jul-20	0%	-74	-10	DCS Fan room Equipment and 1st fix connection works - South Basement BL1					
GLB01-1260	DCS Fan room 2nd fix - South Basement BL1	25	29-Apr-20	29-May-20	29-Jul-20	26-Aug-20	0%	-74	-10	DCS Fan room 2nd fix - South Basement BL1					
GLB01-1270	DCS Fan room final fix - South Basement BL1	6	30-May-20	05-Jun-20	27-Aug-20	02-Sep-20	0%	-74	-10	DCS Fan room final fix - South Basement BL1					
MAF and SEF Room - North Basement															
GLB01-1280	Access to MAF and SEF room - North Basement BL1	0	26-Feb-20	29-May-20	29-May-20	29-May-20	0%	-74	-10	Access to MAF and SEF room - North Basement BL1					
GLB01-1290	MAF and SEF room DfMA Module Installation - North Basement BL1	24	26-Feb-20	24-Mar-20	29-May-20	26-Jun-20	0%	-74	-10	MAF and SEF room DfMA Module Installation - North Basement BL1					
GLB01-1300	MAF and SEF room Equipment and 1st fix connection works - North Basement BL1	26	25-Mar-20	28-Apr-20	27-Jun-20	28-Jul-20	0%	-74	-10	MAF and SEF room Equipment and 1st fix connection works - North Basement BL1					
GLB01-1310	MAF and SEF room 2nd fix - North Basement BL1	25	29-Apr-20	29-May-20	29-Jul-20	26-Aug-20	0%	-74	-10	MAF and SEF room 2nd fix - North Basement BL1					
GLB01-1320	MAF and SEF room final fix - North Basement BL1	6	30-May-20	05-Jun-20	27-Aug-20	02-Sep-20	0%	-74	-10	MAF and SEF room final fix - North Basement BL1					
EL Riser - North Basement															
GLB01-1330	Access to EL Riser room - North Basement BL1	0	26-Feb-20	29-May-20	29-May-20	29-May-20	0%	-74	-8	Access to EL Riser room - North Basement BL1					
GLB01-1340	EL Riser room DfMA Module Installation - North Basement BL1	6	26-Feb-20	03-Mar-20	29-May-20	04-Jun-20	0%	-74	-8	EL Riser room DfMA Module Installation - North Basement BL1					
GLB01-1350	EL Riser room Equipment and 1st fix connection works - North Basement BL1	6	04-Mar-20	10-Mar-20	05-Jun-20	11-Jun-20	0%	-74	-8	EL Riser room Equipment and 1st fix connection works - North Basement BL1					
GLB01-1360	EL Riser room 2nd fix - North Basement BL1	6	11-Mar-20	17-Mar-20	12-Jun-20	18-Jun-20	0%	-74	-8	EL Riser room 2nd fix - North Basement BL1					
GLB01-1370	EL Riser room final fix - North Basement BL1	4	18-Mar-20	21-Mar-20	19-Jun-20	23-Jun-20	0%	-74	-8	EL Riser room final fix - North Basement BL1					
U/G utilities lead-in															
Utilities lead-in (North)															
G213100	Carry out on-site survey and measurement	14	27-Apr-20	10-May-20	29-May-20	11-Jun-20	0%	-32	-14	Carry out on-site survey and measurement					
G213110	Liaison with utilities companies for any query and constraint	60	11-May-20	09-Jul-20	12-Jun-20	10-Aug-20	0%	-32	-14	Liaison with utilities companies for any query and constraint					
G213120	Carry out drawing submission for approval	60	10-Jun-20	08-Aug-20	12-Jul-20	09-Sep-20	0%	-32	-14	Carry out drawing submission for approval					
Utilities lead-in (South)															
G213300	Carry out on-site survey and measurement	14	30-Sep-19	13-Oct-19	29-May-20	11-Jun-20	0%	-242	94	Carry out on-site survey and measurement					
G213310	Liaison with utilities companies for any query and constraint	60	14-Oct-19	12-Dec-19	12-Jun-20	10-Aug-20	0%	-242	94	Liaison with utilities companies for any query and constraint					
G213320	Carry out drawing submission for approval	60	13-Dec-19	10-Feb-20	11-Aug-20	09-Oct-20	0%	-242	94	Carry out drawing submission for approval					
COST CENTRE H - Vibration Isolation Spring System															
Schedule of Milestones															
H06	(H06) Complete the installation of all isolation springs on B2	0		29-Feb-20		22-Jun-20*	0%	-113	-113	(H06) Complete the installation of all isolation springs on B2					
H07	(H07) Complete the installation of isolation spring units at all	0		30-Jul-20		08-Aug-20*	0%	-8	-8	(H07) Complete the installation of isolation spring units at all					
Installation															
H1080	Install Isolation Spring on B2 (Milestone H06)	74	30-Sep-19	31-Dec-19	30-Sep-19 A	22-Jun-20	77%	-127	-125	Install Isolation Spring on B2 (Milestone H06)					




- Actual Level of Effort
- Summary LOE
- Project Baseline
- Critical LOE
- Actual Work
- Remaining Work
- Critical Remaining Work
- Critical MS
- Milestone

L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 6 of 7)

Date	Revision	Checked	Approved
29-May-20	3MRP Update	BC / JL / EC	AY

Activity ID	Activity Name	Planned Dur	Planned Start	Planned Finish	Forecast / Actual Start	Forecast / Actual Finish	Activity % Complete	Finish Variance	Total Float	2020				
										May 8	Jun 9	Jul 10	Aug 11	Sep 12
H1090	Install Remaining Spring (Milestone H07)	34	02-Jan-20	17-Feb-20	22-Jun-20	08-Aug-20	0%	-127	-125	Install Remaining Spring (Milestone H07)				
H1120	Calibration of Vibr isolation spring sytm to acceptable frequel	52	18-Feb-20	24-Apr-20	08-Aug-20	21-Oct-20	0%	-127	788	Calibration of Vibr isolation spring sytm to acceptable frequel				
COST CENTRE I - Under Pass and Associated Area														
Builder's Works														
I105010	Rm partition & assoc BW LB02 south	46	30-Sep-19	23-Nov-19	29-May-20*	23-Jul-20	0%	-191	-187	Rm partition & assoc BW LB02 south				
I105020	Rm partition & assoc BW LB01 south	47	13-Nov-19	09-Jan-20	13-Jul-20	04-Sep-20	0%	-191	-187	Rm partition & assoc BW LB01 south				
I105030	Rm partition & assoc BW LB01M south (Milestone I01)	44	28-Dec-19	25-Feb-20	25-Aug-20	16-Oct-20	0%	-191	-187	Rm partition & assoc BW LB01M south (Milestone I01)				
I105040	Rm partition & assoc BW LB02 north	46	27-Apr-20	20-Jun-20	29-May-20	23-Jul-20	0%	-26	-26	Rm partition & assoc BW LB02 north				
I105050	Rm partition & assoc BW LB01 north	48	10-Jun-20	06-Aug-20	13-Jul-20	05-Sep-20	0%	-26	-26	Rm partition & assoc BW LB01 north				
I105060	Rm partition & assoc BW LB01M north (Milestone I03)	48	25-Jul-20	18-Sep-20	25-Aug-20	21-Oct-20	0%	-26	-26	Rm partition & assoc BW LB01M north (Milestone I03)				
BS Installation														
BL2														
ILB02-1000	Underpass Road BS 1st fix Installation - South Basement BL2	91	25-Nov-19	19-Mar-20	24-Jul-20*	10-Nov-20	0%	-191	-132	Underpass Road BS 1st fix Installation - South Basement BL2				
Carriageway fan room - South Basement														
ILB02-1080	Access to Carriageway fan room	0	28-Nov-19		24-Jul-20*		0%	-188	-112	Access to Carriageway fan room				
ILB02-1090	Carriageway fan room DfMA Module Installation - South Base	25	28-Nov-19	28-Dec-19	24-Jul-20	21-Aug-20	0%	-188	-112	Carriageway fan room DfMA Module Installation - South Base				
ILB02-1100	Carriageway fan room Equipment and 1st fix connection wor	12	30-Dec-19	13-Jan-20	22-Aug-20	04-Sep-20	0%	-188	-78	Carriageway fan room Equipment and 1st fix connection wor				
Tunnel Hydrant, FS & Spr pump Room - South Basement														
ILB02-1130	Access to Tunnel Hydrant, FS & Spr pump room	0	28-Nov-19		24-Jul-20*		0%	-188	-87	Access to Tunnel Hydrant, FS & Spr pump room				
ILB02-1140	Tunnel Hydrant, FS & Spr pump room BS 1st fix Installation -	22	30-Dec-19	24-Jan-20	22-Aug-20	16-Sep-20	0%	-188	-112	Tunnel Hydrant, FS & Spr pump room BS 1st fix Installation -				
Deluge pump room - North Basement														
ILB02-1180	Access to Deluge pump room	0	22-Jun-20		24-Jul-20*		0%	-26	36	Access to Deluge pump room				
ILB02-1190	Deluge pump room BS 1st fix Installation - North Basement B	24	22-Jun-20	21-Jul-20	24-Jul-20	20-Aug-20	0%	-26	36	Deluge pump room BS 1st fix Installation - North Basement B				
ILB02-1200	Deluge pump room Equipment and 1st fix connection works	26	22-Jul-20	20-Aug-20	21-Aug-20	19-Sep-20	0%	-26	36	Deluge pump room Equipment and 1st fix connection works				
COST CENTRE J - M+ Day 2 Works														
Major Submission														
J100810	Prepare hoarding plan submission to BD	25	29-Nov-19	30-Dec-19	11-May-20 A	06-Aug-20	1%	-174	-174	Prepare hoarding plan submission to BD				
J100820	BD approval on hoarding plan	22	31-Dec-19	01-Feb-20	07-Aug-20	01-Sep-20	0%	-174	-174	BD approval on hoarding plan				
Installation														
J100790	Tentative Site Access to M+ area	0	29-Nov-19		29-May-20		0%	-141	-174	Tentative Site Access to M+ area				
J100800	Site survey and statutory consent in M+ Day 2 Works	25	29-Nov-19	30-Dec-19	29-May-20*	27-Jun-20	0%	-141	-174	Site survey and statutory consent in M+ Day 2 Works				
J100900-05	A & A works BD consent received	0	31-Dec-19		29-Jun-20		0%	-141	34	A & A works BD consent received,				
J100900-15	Conc duct - preparation work	12	31-Dec-19	14-Jan-20	29-Jun-20	13-Jul-20	0%	-141	34	Conc duct - preparation work				
J100900-50	Conc duct ELS consent received	0	31-Dec-19		29-Jun-20		0%	-141	56	Conc duct ELS consent received,				
J100900-60	Demolish ex carriageway	10	15-Jan-20	01-Feb-20	14-Jul-20	24-Jul-20	0%	-141	34	Demolish ex carriageway				
J100900-65	Conc duct- Excavate to formation level	19	03-Feb-20	24-Feb-20	25-Jul-20	15-Aug-20	0%	-141	34	Conc duct- Excavate to formation level				
J100900-70	Conc duct - form openings in ex structure	18	25-Feb-20	16-Mar-20	17-Aug-20	05-Sep-20	0%	-141	34	Conc duct - form openings in ex structure				
SEF room & MAF Room														
J101100	Modification work in Fan Room (subject to M+)	59	31-Dec-19	16-Mar-20	29-Jun-20	05-Sep-20	0%	-141	522	Modification work in Fan Room (subject to M+)				
Carriageway LV Switch Room														
J101200	Modification work in LV Switch Room (subject to M+)	22	31-Dec-19	01-Feb-20	29-Jun-20	24-Jul-20	0%	-141	534	Modification work in LV Switch Room (subject to M+)				
J101300	Modification work in LV Switch Board (subject to M+)	25	03-Feb-20	02-Mar-20	25-Jul-20	22-Aug-20	0%	-141	534	Modification work in LV Switch Board (subject to M+)				
COST CENTRE K - Water Main at Promenade														
Installation														
K100400	Water main Moudule installation (50%) (Milestone K01)	119	30-Sep-19	29-Feb-20	29-May-20	09-Nov-20	0%	-184	-184	Water main Moudule installation (50%) (Milestone K01)				
COST CENTRE O- PROVISIONAL SUMS														
Authority / CA Site Office														
OPF0010	Issue design for Authority / CA Site Office (tentative)	0	01-Mar-19		01-Jun-20*		0%	-366	1110	Issue design for Authority / CA Site Office (tentative),				
OPF0020	Submissions & approvals (tentative)	40	01-Mar-19	17-Apr-19	01-Jun-20	18-Jul-20	0%	-366	1110	Submissions & approvals (tentative)				
OPF0030	Material order & delivery (tentative)	45	18-Apr-19	01-Jun-19	19-Jul-20	01-Sep-20	0%	-458	1379	Material order & delivery (tentative)				
Artist Square Bridge interface works														
OPH0010	ISSUE DESIGN & PREPARATION (KD5A & 5C)	90	02-Jul-20	29-Sep-20	02-Jul-20	29-Sep-20	0%	0	2	ISSUE DESIGN & PREPARATION (KD5A & 5C)				
COST CENTRE P6A1 - Preliminaries and General Requirement														
Schedule of Milestones														
P6A1-01	(P6A1-01) Subm of CPMD, Insu & Bnds, Mobil Progr, Pre-Cons	0		14-Mar-20		25-Jun-20*	0%	-103	-103	(P6A1-01) Subm of CPMD, Insu & Bnds, Mobil Progr, Pre-Cons Doc, CWP, Compl CP				
P6A1-02	(P6A1-02) Obt NNO fr CA for CPMD, Insu & Bnds, Mobil Progr	0		14-Apr-20		29-May-20*	0%	-44	-44	(P6A1-02) Obt NNO fr CA for CPMD, Insu & Bnds, Mobil Progr, Pre-Cons Doc, CWP, Compl CP				
P6A1-03(a)	(P6A1-03a) Success pass the Compl Rev CA's satisf on PTMD	0		14-Jul-20		14-Jul-20*	0%	0	0	(P6A1-03a) Success pass the Compl Rev CA's satisf on PTMD & CPMD				
P6A1-03(b)	(P6A1-03b) Obt NNO fr CA for Struct, all necessary BWD, MS,	0		14-Jul-20		14-Jul-20*	0%	0	0	(P6A1-03b) Obt NNO fr CA for Struct, all necessary BWD, MS, trial par				
P6A1-04	(P6A1-04) Obt NNO fr CA- facade/ curtain wall works	0		14-Aug-20		14-Aug-20*	0%	0	0	(P6A1-04) Obt NNO fr CA- fa				
COST CENTRE P6A2 - Artist Hostel/ Residence														
Key Events														
P300020	Latest Date for Exercising P6A Option	0		15-Feb-20		29-May-20	0%	-103	-103	Latest Date for Exercising P6A Option				



Actual Level of Effort	Remaining Work
Summary LOE	Critical Remaining Work
Project Baseline	Critical MS
Critical LOE	Milestone
Actual Work	

L2 CONTRACT FOR LYRIC THEATRE COMPLEX AND EXTENDED BASEMENT PROJECT FOR THE WEST KOWLOON CULTURAL DISTRICT
PROGRAMME UPDATE OF 3MRP - AS OF 29-May-20 (Page 7 of 7)

Date	Revision	Checked	Approved
29-May-20	3MRP Update	BC / JL / EC	AY

C. Action and Limit Levels for Construction Phase

Air Quality

The Action and Limit Levels for 1-hour and 24-hour TSP for the monitoring station are presented in following tables:

Table C-1: Action and Limit Levels for 1-hour TSP

Monitoring Station	Action Level (mg/m ³)	Limit Level (mg/m ³)
AM1	273.7	500
AM2B	274.2	500

Table C-2: Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level (µg/m ³)	Limit Level (µg/m ³)
AM1	143.6	260
AM2B	151.1	260

Noise

The Action and Limit Levels for Noise for the monitoring stations are presented in following table:

Table C-3: Action and Limit Levels for Construction Noise

Time Period & Monitoring Locations	Action Level	Limit Level
NM1A 0700-1900 hours on normal weekdays	When one valid documented complaint is received.	75 dB(A)

D. Event and Action Plan for Air Quality, Noise, Landscape and Visual Impact

Air Quality

In case the Action and Limit Levels are not complied during construction stage, the following Event and Action Plan should be followed:

Table D-1: Event and Action Plan for Air Quality

Event	Action			
	ET	IEC	WKCD A	Contractor
Action Level				
1. Exceedance for one sample	<ol style="list-style-type: none"> 1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and WKCD A; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily. 	<ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method. 	<ol style="list-style-type: none"> 1. Notify Contractor 	<ol style="list-style-type: none"> 1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
2. Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> 1. Identify source; 2. Inform IEC and WKCD A; 3. Advise the WKCD A on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and WKCD A; 8. If exceedance stops, cease additional monitoring. 	<ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Monitor the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. 	<ol style="list-style-type: none"> 1. Submit proposals for remedial to WKCD A within three working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.
Limit Level				
1. Exceedance for one sample	<ol style="list-style-type: none"> 1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform WKCD A, Contractor and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCD A informed of the results. 	<ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the WKCD A on the effectiveness of the proposed remedial measures; 5. Monitor the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. 	<ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.

Event**Action**

2. Exceedance for two or more consecutive samples	<ol style="list-style-type: none">1. Notify IEC, WKCDA, Contractor and EPD;2. Identify source;3. Repeat measurement to confirm findings;4. Increase monitoring frequency to daily;5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;6. Arrange meeting with IEC and WKCDA to discuss the remedial actions to be taken;7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA informed of the results;8. If exceedance stops, cease additional monitoring.	<ol style="list-style-type: none">1. Check monitoring data submitted by ET;2. Check Contractor's working method;3. Discuss amongst WKCDA, ET, and Contractor on the potential remedial actions;4. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCDA accordingly;5. Monitor the implementation of remedial measures.	<ol style="list-style-type: none">1. Confirm receipt of notification of failure in writing;2. Notify Contractor;3. In consolidation with the IEC, agree on the remedial measures to be implemented;4. Ensure remedial measures properly implemented;5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	<ol style="list-style-type: none">1. Take immediate action to avoid further exceedance;2. Submit proposals for remedial actions to IEC within three working days of notification;3. Implement the agreed proposals;4. Resubmit proposals if problem still not under control;5. Stop the relevant portion of works as determined by the WKCDA until the exceedance is abated.
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Construction Noise

In case the Action and Limit Levels are not complied during construction stage, the following Event and Action Plan should be followed:

Table D-2: Event and Action Plan for Construction Noise

Event	Action			
	ET	IEC	WKCD	Contractor
Action Level	<ol style="list-style-type: none"> 1. Notify WKCD, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, WKCD and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness. 	<ol style="list-style-type: none"> 1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the WKCD accordingly; 3. Advise the WKCD on the effectiveness of the proposed remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Submit noise mitigation proposals to IEC and WKCD; 2. Implement noise mitigation proposals.
Limit Level	<ol style="list-style-type: none"> 1. Inform IEC, WKCD, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and WKCD on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCD informed of the results; 8. If exceedance stops, cease additional monitoring. 	<ol style="list-style-type: none"> 1. Discuss amongst WKCD, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCD accordingly. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. 	<ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and WKCD within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the WKCD until the exceedance is abated.

Landscape and Visual Impact

In case of non-compliance of landscape and visual impacts, procedures in accordance with the Event and Action Plan should be followed:

Table D-3: Event and Action Plan for Landscape and Visual Impact

Event	Action			
	ET	IEC	WKCDA	Contractor
Design Check	<ol style="list-style-type: none"> 1. Design check to make sure the design complies with all the proposed mitigation measures in the EIA report; 2. Prepare and submit report. 	<ol style="list-style-type: none"> 1. Check report submitted by ET; 2. Recommend remedial design if necessary. 	<ol style="list-style-type: none"> 1. Undertake remedial design if necessary. 	-
Non-conformity on one occasion	<ol style="list-style-type: none"> 1. Identify source of non-conformity; 2. Report to IEC and WKCDA; 3. Discuss remedial actions with IEC, WKCDA and Contractor; 4. Monitor remedial actions until rectification has been completed. 	<ol style="list-style-type: none"> 1. Check and verify source of non-conformity; 2. Discuss remedial actions with ET and Contractor; 3. Advise WKCDA on effectiveness of proposed remedial actions; 4. Check implementation of remedial actions. 	<ol style="list-style-type: none"> 1. Notify Contractor; 2. Ensure remedial actions are properly implemented. 	<ol style="list-style-type: none"> 1. Amend working method as necessary; 2. Rectify damage and undertake necessary replacement and remedial actions.
Repeated conformity	<ol style="list-style-type: none"> 1. Identify source of non-conformity; 2. Report to IEC and WKCDA; 3. Increase monitoring frequency; 4. Discuss remedial actions with IEC, WKCDA and Contractor; 5. Monitor remedial actions until rectification has been completed; 6. If non-conformity rectified, reduce monitoring frequency back to normal. 	<ol style="list-style-type: none"> 1. Check and verify source of non-conformity; 2. Check Contractor's working method; 3. Discuss remedial actions with ET and Contractor; 4. Advise WKCDA on effectiveness of proposed remedial actions; 5. Supervise implementation of remedial actions. 	<ol style="list-style-type: none"> 1. Notify Contractor; 2. Ensure remedial actions are properly implemented. 	<ol style="list-style-type: none"> 1. Amend working method as necessary; 2. Rectify damage and undertake necessary replacement and remedial actions.

E. Monitoring Schedule

JUNE 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	3 Lyric Landscape & Visual Inspection	4	5	6
7	8 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	9 M+ Landscape & Visual Inspection	10	11	12 AM1, AM2B - 24hrTSP, 1hr TSP x3	13
14	15	16	17 Lyric Landscape & Visual Inspection	18 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	19	20
21	22	23 M+ Landscape & Visual Inspection	24 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	25	26	27
28	29	30 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring				
		Notes: AM1 - International Commerce Centre (ICC) AM2B - 1st Floor of Gammon's Site Office NM1A - International Commerce Centre (ICC)				

JULY 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	7	8	9	10	11 AM1, AM2B - 24hrTSP, 1hr TSP x3
12	13	14	15	16	17 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	18
19	20	21	22	23 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	24	25
26	27	28	29 AM1, AM2B - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	30	31	
		Notes: AM1 - International Commerce Centre (ICC) AM2B - 1st Floor of Gammon's Site Office NM1A - International Commerce Centre (ICC)				

F. Calibration Certifications

High-Volume TSP Sampler
5-Point Calibration Record

Location : AM1 (ICC)
 Calibrated by : K.T.Ho
 Date : 20/05/2020

Sampler

Model : TE-5170
 Serial Number : S/N 0767

Calibration Orifice and Standard Calibration Relationship

Serial Number : 2454
 Service Date : 18 February 2020
 Slope (m) : 2.07134
 Intercept (b) : -0.04091
 Correlation Coefficient(r) : 0.99999

Standard Condition

Pstd (hpa) : 1013
 Tstd (K) : 298.18

Calibration Condition


Pa (hpa) : 1005
 Ta(K) : 301

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (chart)	Y (corrected)
1	18 holes	10.2	3.165	1.548	60	59.46
2	13 holes	8.2	2.838	1.390	52	51.54
3	10 holes	6.2	2.468	1.211	42	41.62
4	7 holes	3.8	1.932	0.952	32	31.71
5	5 holes	2.2	1.470	0.729	20	19.82

Notes: $Z = \sqrt{dH(Pa/Pstd)(Tstd/Ta)}$, $X = Z/m - b$, $Y(\text{Corrected Flow}) = IC * \{\sqrt{Pa/Pstd}(Tstd/Ta)\}$

Sampler Calibration Relationship

Slope(m): 47.601 Intercept(b): -14.678 Correlation Coefficient(r): 0.9984

Checked by: 

 Magnum Fan

Date: 23/05/2020

High-Volume TSP Sampler
5-Point Calibration Record

Location : AM2B (Gammon Office)
 Calibrated by : K.T.Ho
 Date : 20/05/2020

Sampler

Model : TE-5170
 Serial Number : S/N 8919

Calibration Orifice and Standard Calibration Relationship

Serial Number : 2454
 Service Date : 18 February 2020
 Slope (m) : 2.07134
 Intercept (b) : -0.04091
 Correlation Coefficient(r) : 0.99999

Standard Condition

Pstd (hpa) : 1013
 Tstd (K) : 298.18

Calibration Condition

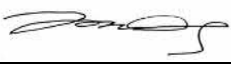
Pa (hpa) : 1005
 Ta(K) : 301

Resistance Plate	dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (chart)	Y (corrected)
1 18 holes	12.0	3.433	1.677	60	59.46
2 13 holes	8.2	2.838	1.390	52	51.54
3 10 holes	6.2	2.468	1.211	42	41.62
4 7 holes	3.8	1.932	0.952	32	31.71
5 5 holes	2.2	1.470	0.729	20	19.82

Notes: $Z = \sqrt{dH(Pa/Pstd)(Tstd/Ta)}$, $X = Z/m - b$, $Y(\text{Corrected Flow}) = IC * \{\sqrt{Pa/Pstd}(Tstd/Ta)\}$

Sampler Calibration Relationship

Slope(m): 42.242 Intercept(b): -9.521 Correlation Coefficient(r): 0.9938

Checked by: 

 Magnum Fan

Date: 23/05/2020



RECALIBRATION
DUE DATE:
February 18, 2021

Certificate of Calibration

Calibration Certification Information			
Cal. Date:	February 18, 2020	Rootsmeter S/N:	438320
Operator:	Jim Tisch	Ta:	29.4 °K
Calibration Model #:	TE-5025A	Pa:	753.1 mm Hg
		Calibrator S/N:	2454

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4190	3.2	2.00
2	3	4	1	1.0300	6.4	4.00
3	5	6	1	0.9020	7.8	5.00
4	7	8	1	0.8600	8.8	5.50
5	9	10	1	0.7210	12.7	8.00

Data Tabulation					
Vol _{std} (m3)	Q _{std} (x axis)	$\sqrt{\Delta H \left(\frac{Pa}{P_{std}} \right) \left(\frac{T_{std}}{T_a} \right)}$ (y axis)	V _a	Q _a (x axis)	$\sqrt{\Delta H (Ta/Pa)}$ (y axis)
1.0001	0.7048	1.4173	0.9958	0.7017	0.8835
0.9959	0.9860	2.0044	0.9915	0.9817	1.2496
0.9939	1.3019	2.2410	0.9895	1.0970	1.3971
0.9927	1.1543	2.3504	0.9883	1.1492	1.4653
0.9875	1.3889	2.8347	0.9831	1.3828	1.7871
QSTD		m= 2.07134	QA		m= 1.29704
		b= -0.04091			b= -0.02551
		r= 0.99999			r= 0.99999

Calculations	
Vol _{std} = ΔVol (Pa ΔP) / (P _{std} (T _{std} / T _a))	V _a = ΔVol (Pa ΔP) / Pa
Q _{std} = Vol _{std} / ΔTime	Q _a = V _a / ΔTime
For subsequent flow rate calculations:	
Q _{std} = 1/m $\left(\sqrt{\Delta H \left(\frac{Pa}{P_{std}} \right) \left(\frac{T_{std}}{T_a} \right)} \right) - b$	Q _a = 1/m $\left(\sqrt{\Delta H (Ta/Pa)} \right) - b$

Standard Conditions	
T _{std}	298.15 °K
P _{std}	760 mm Hg
Key	
ΔH	calibrator manometer reading (in H2O)
ΔP	rootsmeter manometer reading (mm Hg)
T _a	actual absolute temperature (°K)
P _a	actual barometric pressure (mm Hg)
m	slope
b	intercept
r	corr

RECALIBRATION

US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

Tisch Environmental, Inc.
145 South Miami Avenue
Wilage of Clives, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7630
FAX: (513)467-8009



ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

SUB-CONTRACTING REPORT

CONTACT	: MR K.W. FAN	WORK ORDER	: HK1950885
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM113, 1/F, MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T. HONG KONG	SUB-BATCH	: 1
		DATE RECEIVED	: 3-DEC-2019
		DATE OF ISSUE	: 13-DEC-2019
PROJECT	: ----	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ----

General Comments

- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition. The result(s) related only to the item(s) tested.
- Sample information (Project name, Sample ID, Sampling date/time, etc., if any) is provided by client.
- Calibration was subcontracted to and analysed by Action United Enviro Services.

Signatories

This document has been signed by those names that appear on this report and are the authorised signatories

Signatories

Position

Richard Fung

Managing Director

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

ALS Technichem (HK) Pty Ltd
Part of the ALS Laboratory Group

11/F, Chung Shun Knitting Centre 1 - 3 Wing Yip Street Kwai Chung N.T. Hong Kong
Tel. +852 2610 1044 Fax. +852 2610 2021 www.alsglobal.com

WORK ORDER : HK1950885
SUB-BATCH : 1
CLIENT : ENVIROTECH SERVICES CO.
PROJECT : ----



ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK1950885-001	S/N: 235780	Equipments	03-Dec-2019	235780

Equipment Verification Report (TSP)

Equipment Calibrated:

Type: Laser Dust monitor
 Manufacturer: Sibata LD-3B
 Serial No. 235780
 Equipment Ref: Nil
 Job Order HK1950885

Standard Equipment:

Standard Equipment: Higher Volume Sampler (TSP)
 Location & Location ID: AUES office (calibration room)
 Equipment Ref: HVS 018
 Last Calibration Date: 3 December 2019

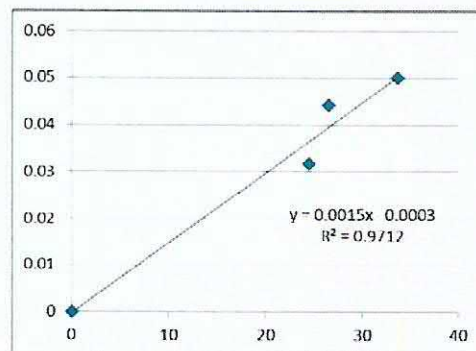
Equipment Verification Results:

Verification Date: 10 December 2019

Hour	Time	Mean Temp °C	Mean Pressure (hPa)	Concentration in mg/m ³ (Standard Equipment)	Total Count (Calibrated Equipment)	Count/Minute (Total Count/min)
2hr02min	09:08 ~ 11:10	18.4	1018.6	0.032	2989	24.5
2hr01min	11:15 ~ 13:16	18.4	1018.6	0.044	3203	26.6
2hr01min	13:22 ~ 15:23	18.4	1018.6	0.050	4060	33.7

Linear Regression of Y or X

Slope (K-factor): 0.0015
 Correlation Coefficient 0.9855
 Date of Issue 13 December 2019



Remarks:

1. **Strong Correlation (R>0.8)**
2. Factor 0.0015 should be applied for TSP monitoring

*If R<0.5, repair or re-verification is required for the equipment

Operator : Fai So Signature : [Signature] Date : 13 December 2019

QC Reviewer : Ben Tam Signature : [Signature] Date : 13 December 2019



SUB-CONTRACTING REPORT

CONTACT	: MR K.W. FAN	WORK ORDER	: HK1950891
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM113, 1/F, MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T. HONG KONG	SUB-BATCH	: 1
		DATE RECEIVED	: 3-DEC-2019
		DATE OF ISSUE	: 13-DEC-2019
PROJECT	: ----	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ----

General Comments

- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition. The result(s) related only to the item(s) tested.
- Sample information (Project name, Sample ID, Sampling date/time, etc., if any) is provided by client.
- Calibration was subcontracted to and analysed by Action United Enviro Services.

Signatories

This document has been signed by those names that appear on this report and are the authorised signatories

Signatories

Position

Richard Fung

Managing Director

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

ALS Technichem (HK) Pty Ltd
Part of the ALS Laboratory Group

11/F, Chung Shun Knitting Centre 1 - 3 Wing Yip Street Kwai Chung N.T. Hong Kong
Tel. +852 2610 1044 Fax. +852 2610 2021 www.alsglobal.com

WORK ORDER : HK1950891
SUB-BATCH : 1
CLIENT : ENVIROTECH SERVICES CO.
PROJECT : ---



ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK1950891-001	S/N: 627784	Equipments	03-Dec-2019	627784

Equipment Verification Report (TSP)

Equipment Calibrated:

Type: Laser Dust monitor
 Manufacturer: Sibata LD-3B
 Serial No. 6Z7784
 Equipment Ref: Nil
 Job Order HK1950891

Standard Equipment:

Standard Equipment: Higher Volume Sampler (TSP)
 Location & Location ID: AUES office (calibration room)
 Equipment Ref: HVS 018
 Last Calibration Date: 3 December 2019

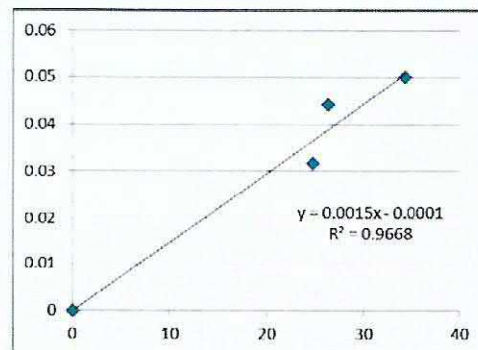
Equipment Verification Results:

Verification Date: 10 December 2019

Hour	Time	Mean Temp °C	Mean Pressure (hPa)	Concentration in mg/m ³ (Standard Equipment)	Total Count (Calibrated Equipment)	Count/Minute (Total Count/min)
2hr02min	09:08 ~ 11:10	18.4	1018.6	0.032	3020	24.8
2hr01min	11:15 ~ 13:16	18.4	1018.6	0.044	3185	26.4
2hr01min	13:22 ~ 15:23	18.4	1018.6	0.050	4141	34.3

Linear Regression of Y or X

Slope (K-factor): 0.0015
 Correlation Coefficient 0.9833
 Date of Issue 13 December 2019



Remarks:

- Strong Correlation (R>0.8)**
- Factor 0.0015 should be applied for TSP monitoring

*If R<0.5, repair or re-verification is required for the equipment

Operator : Fai So Signature : [Signature] Date : 13 December 2019

QC Reviewer : Ben Tam Signature : [Signature] Date : 13 December 2019

Certificate of Calibration

for

Description: *Sound Level Meter*
Manufacturer: *RION*
Type No.: *NL-52 (Serial No.: 00175561)*
Microphone: *UC-53A (Serial No.: 99995)*
Preamplifier: *NH-25 (Serial No.:65663)*

Submitted by:

Customer: *Envirotech Services Co.*
Address: *Rm.113, 1/F., My Loft, 9 Hoi Wing Road,*
Tuen Mun, N.T., Hong Kong.

Upon receipt for calibration, the instrument was found to be:

- Within**
 Outside

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 24 September 2019

Date of calibration: 26 September 2019

Calibrated by: _____
Calibration Technician

Certified by: _____
Mr. Ng Yan Wa
Laboratory Manager

Date of issue: 26 September 2019



Certificate No.: APJ19-095-CC001

Page 1 of 4

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

Air Temperature: 24.1 °C
 Air Pressure: 1006 hPa
 Relative Humidity: 54.2 %

3. Calibration Equipment:

	Type	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV180064	HOKLAS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.0	Ref
			104		104.0	±0.3
			114		114.1	±0.3

Time Weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.0	Ref
		Slow			94.0	±0.3

Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB	
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz			
30-130	dB	SPL	Fast	94	31.5	94.3	±2.0
					63	94.2	±1.5
					125	94.1	±1.5
					250	94.0	±1.4
					500	94.0	±1.4
					1000	94.0	Ref
					2000	93.9	±1.6
					4000	93.7	±1.6
					8000	91.9	+2.1; -3.1

A-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB	
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz			
30-130	dBA	SPL	Fast	94	31.5	55.2	-39.4±2.0
					63	68.0	-26.2±1.5
					125	78.0	-16.1±1.5
					250	85.4	-8.6±1.4
					500	90.8	-3.2±1.4
					1000	94.0	Ref
					2000	95.1	+1.2±1.6
					4000	94.7	+1.0±1.6
					8000	90.9	-1.1±2.1; -3.1

C-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB	
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz			
30-130	dBC	SPL	Fast	94	31.5	91.3	-3.0±2.0
					63	93.4	-0.8±1.5
					125	93.9	-0.2±1.5
					250	94.0	-0.0±1.4
					500	94.0	-0.0±1.4
					1000	94.0	Ref
					2000	93.8	-0.2±1.6
					4000	92.9	-0.8±1.6
					8000	89.0	-3.0 +2.1: -3.1

5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

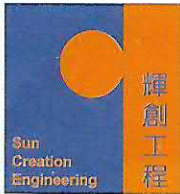
94 dB	31.5 Hz	± 0.15
	63 Hz	± 0.10
	125 Hz	± 0.10
	250 Hz	± 0.05
	500 Hz	± 0.10
	1000 Hz	± 0.05
	2000 Hz	± 0.05
	4000 Hz	± 0.10
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.





Certificate of Calibration

校正證書

Certificate No. : C196453
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC19-2418) Date of Receipt / 收件日期 : 18 November 2019

Description / 儀器名稱 : Precision Acoustic Calibrator
Manufacturer / 製造商 : LARSON DAVIS
Model No. / 型號 : CAL200
Serial No. / 編號 : 11334
Supplied By / 委託者 : Envirotech Services Co.
Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,
New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : $(23 \pm 2)^{\circ}\text{C}$ Relative Humidity / 相對濕度 : $(50 \pm 25)\%$
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

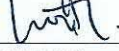
DATE OF TEST / 測試日期 : 30 November 2019

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification & user's specified acceptance criteria.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By : 
測試 : _____
H T Wong
Technical Officer

Certified By : 
核證 : _____
K C Lee
Engineer

Date of Issue : 3 December 2019
簽發日期

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。



Certificate of Calibration

校正證書

Certificate No. : C196453
證書編號

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL130	Universal Counter	C193756
CL281	Multifunction Acoustic Calibrator	CDK1806821
TST150A	Measuring Amplifier	C181288

- Test procedure : MA100N.

- Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	User's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.8	± 0.5	± 0.2
114 dB, 1 kHz	113.7		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	1.000	1 kHz ± 1 %	± 1

Remarks : - The user's specified acceptance criteria (user's spec.) is a customer pre-defined operating tolerance of the UUT, suitable for one's own intended use.

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

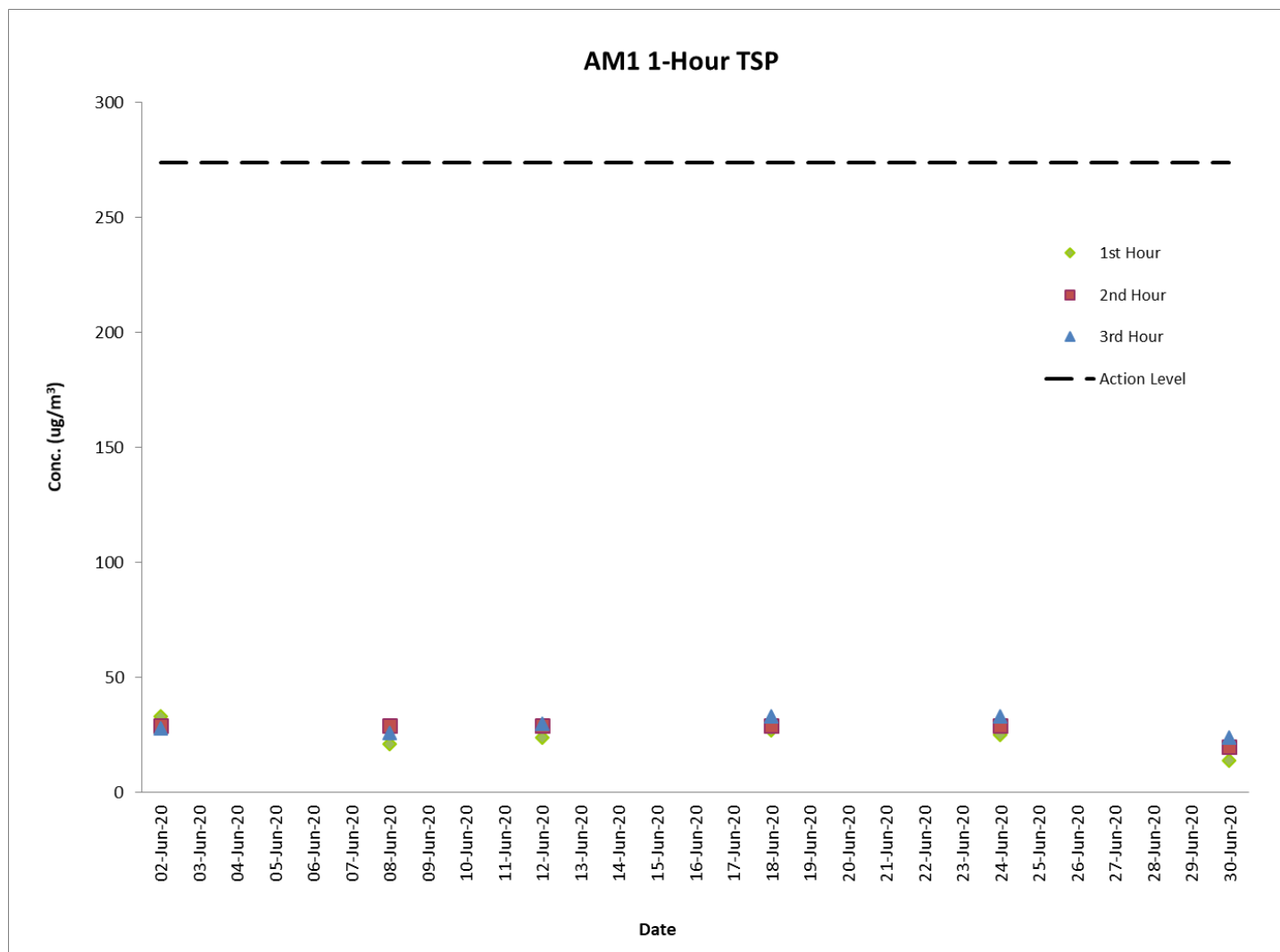
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗室書面批准。

G. Graphical Plots of the Monitoring Results

Air Quality Monitoring Result at Station AM1 (1-hour TSP)

Date	Weather Condition	Time	Conc. ($\mu\text{g}/\text{m}^3$)			Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
			1 st Hour	2 nd Hour	3 rd Hour		
02-Jun-20	Fine	8:12 - 11:12	33	29	28	273.7	500
08-Jun-20	Rainy	13:22 - 16:22	21	29	26	273.7	500
12-Jun-20	Sunny	13:27 - 16:27	24	29	30	273.7	500
18-Jun-20	Fine	13:15 - 16:15	27	29	33	273.7	500
24-Jun-20	Cloudy	8:14 - 11:14	25	29	33	273.7	500
30-Jun-20	Fine	8:17 - 11:17	14	20	24	273.7	500

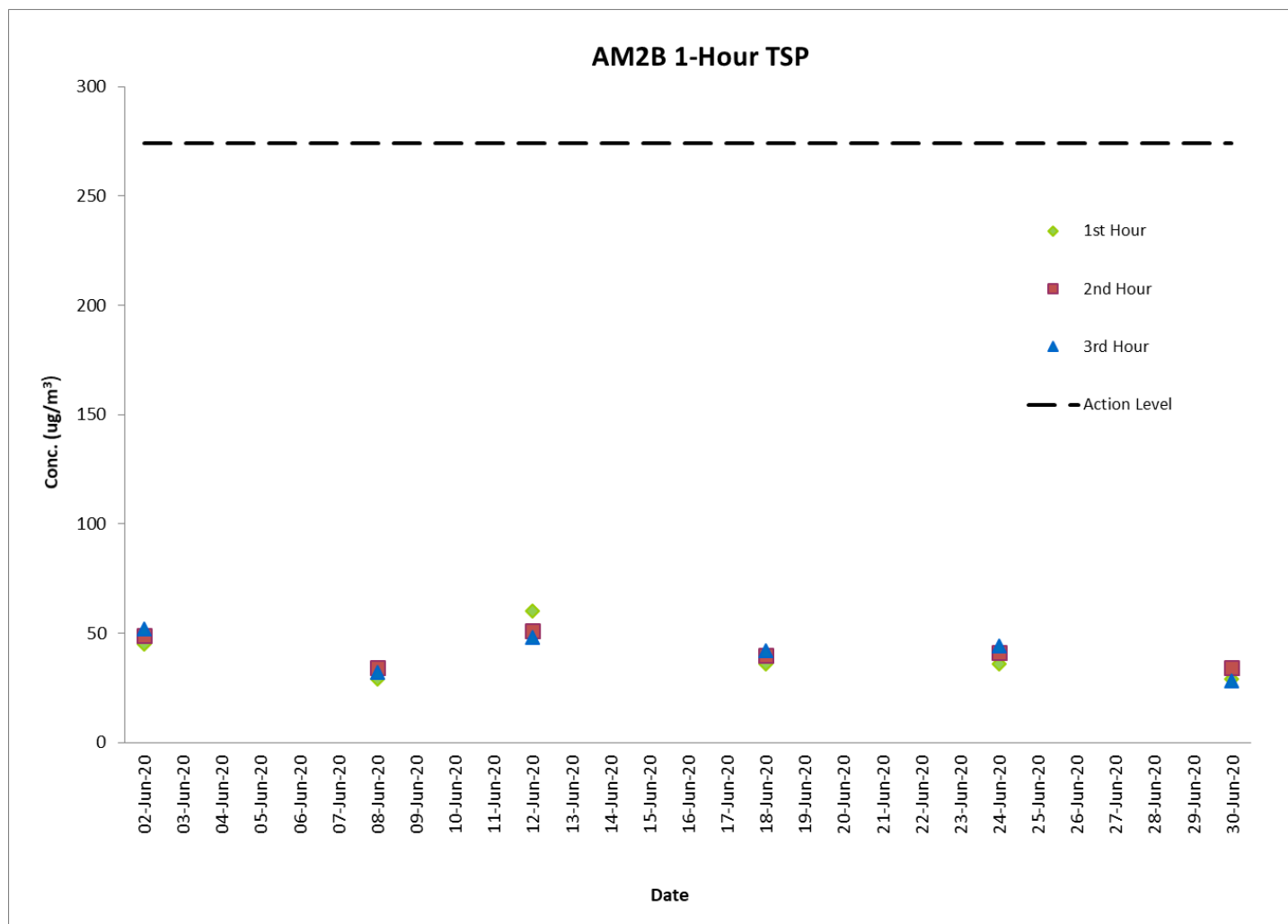
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



Air Quality Monitoring Result at Station AM2B (1-hour TSP)

Date	Weather Condition	Time	Conc. ($\mu\text{g}/\text{m}^3$)			Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
			1 st Hour	2 nd Hour	3 rd Hour		
02-Jun-20	Fine	8:26 - 11:26	45	49	52	274.2	500
08-Jun-20	Rainy	13:37 - 16:37	29	34	32	274.2	500
12-Jun-20	Sunny	13:42 - 16:42	60	51	48	274.2	500
18-Jun-20	Fine	13:30 - 16:30	36	40	42	274.2	500
24-Jun-20	Cloudy	8:30 - 11:30	36	41	44	274.2	500
30-Jun-20	Fine	8:32 - 11:32	29	34	28	274.2	500

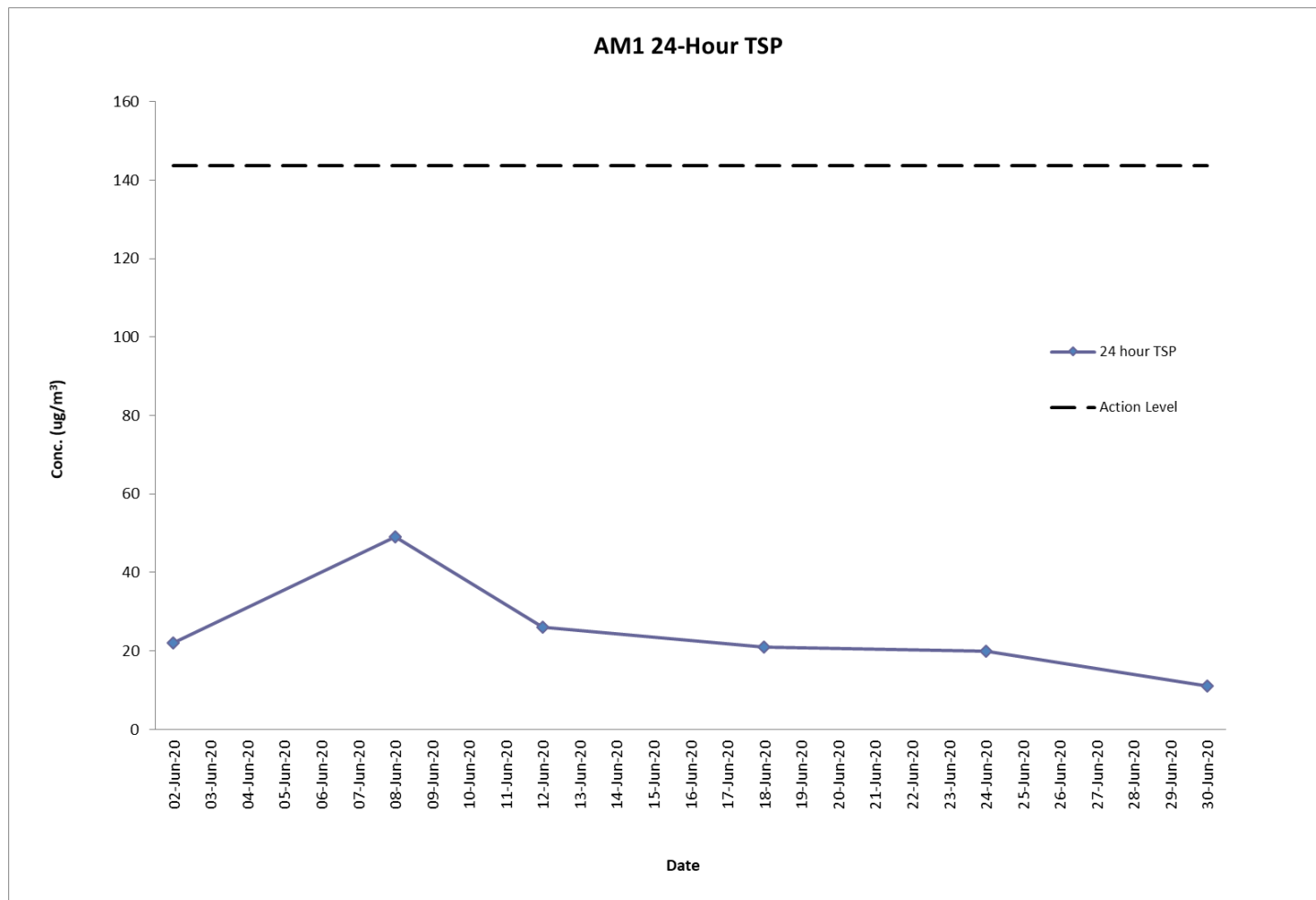
Graphical Presentation of Air Quality Monitoring Result at Station AM2B (1-hour TSP)



Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m ³ /min)			Conc. (µg/m ³)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
02-Jun-20	8:10	03-Jun-20	8:10	2.713	2.7508	21872.38	21896.38	24	1.19	1.19	1.19	22	Fine	143.6	260
08-Jun-20	8:20	09-Jun-20	8:20	2.7022	2.7857	21451.05	21475.05	24	1.19	1.19	1.19	49	Rainy	143.6	260
12-Jun-20	8:25	13-Jun-20	8:25	2.7049	2.7497	21920.38	21944.38	24	1.19	1.19	1.19	26	Sunny	143.6	260
18-Jun-20	8:12	19-Jun-20	8:12	2.7807	2.8167	21944.38	21968.38	24	1.19	1.19	1.19	21	Fine	143.6	260
24-Jun-20	8:12	25-Jun-20	8:12	2.7764	2.8101	21968.38	21992.38	24	1.19	1.19	1.19	20	Cloudy	143.6	260
30-Jun-20	8:15	01-Jul-20	8:15	2.7052	2.7233	21992.38	22016.38	24	1.19	1.19	1.19	11	Fine	143.6	260

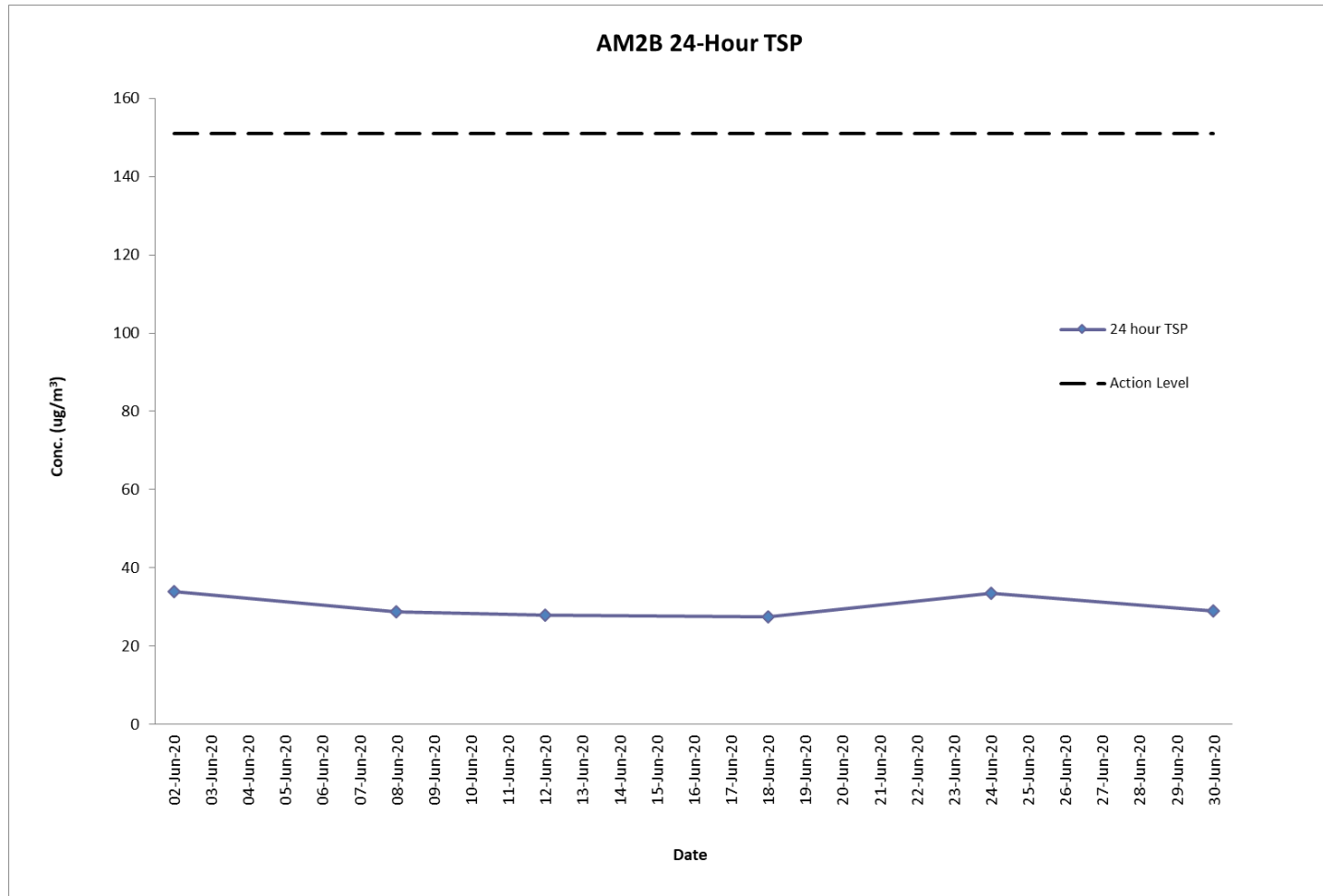
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



Air Quality Monitoring Result at Station AM2B (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m ³ /min)			Conc. (µg/m ³)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
02-Jun-20	8:24	03-Jun-20	8:24	2.7092	2.7687	21427.05	21451.05	24	1.22	1.22	1.22	34	Fine	151.1	260
08-Jun-20	8:35	09-Jun-20	8:35	2.6862	2.7367	21896.38	21920.38	24	1.22	1.22	1.22	29	Rainy	151.1	260
12-Jun-20	8:40	13-Jun-20	8:40	2.7068	2.7558	21475.05	21499.05	24	1.22	1.22	1.22	28	Sunny	151.1	260
18-Jun-20	8:27	19-Jun-20	8:27	2.8027	2.8511	21499.05	21523.05	24	1.22	1.22	1.22	28	Fine	151.1	260
24-Jun-20	8:27	25-Jun-20	8:27	2.7260	2.7849	21523.05	21547.05	24	1.22	1.22	1.22	34	Cloudy	151.1	260
30-Jun-20	8:30	01-Jul-20	8:30	2.6983	2.7486	21547.05	21571.05	24	1.22	1.22	1.22	29	Fine	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2B (24-hour TSP)



Noise Monitoring Result at Station NM1A

Date	Time	Measured L ₁₀ , dB(A)	Measured L ₉₀ , dB(A)	L _{eq} (30 min.)*, dB(A)
02-Jun-20	10:30	67.0	63.4	68
02-Jun-20	10:35	68.6	64.1	
02-Jun-20	10:40	66.3	62.1	
02-Jun-20	10:45	67.1	63.6	
02-Jun-20	10:50	67.5	63.7	
02-Jun-20	10:55	66.7	62.9	
08-Jun-20	10:02	66.0	62.3	68
08-Jun-20	10:07	68.3	64.2	
08-Jun-20	10:12	67.3	63.6	
08-Jun-20	10:17	68.7	64.8	
08-Jun-20	10:22	66.8	62.1	
08-Jun-20	10:27	67.5	63.4	
18-Jun-20	10:35	67.4	63.1	69
18-Jun-20	10:40	66.8	62.7	
18-Jun-20	10:45	68.6	64.5	
18-Jun-20	10:50	67.5	63.1	
18-Jun-20	10:55	68.3	64.2	
18-Jun-20	11:00	67.1	63.4	
24-Jun-20	10:35	66.0	62.3	69
24-Jun-20	10:40	67.3	63.1	
24-Jun-20	10:45	68.4	64.2	
24-Jun-20	10:50	66.2	62.6	
24-Jun-20	10:55	67.5	63.1	
24-Jun-20	11:00	67.6	63.4	
30-Jun-20	10:38	66.3	62.0	69
30-Jun-20	10:43	67.4	63.1	
30-Jun-20	10:48	68.3	64.1	
30-Jun-20	10:53	68.2	64.9	
30-Jun-20	10:58	66.1	62.7	
30-Jun-20	11:03	67.5	63.1	

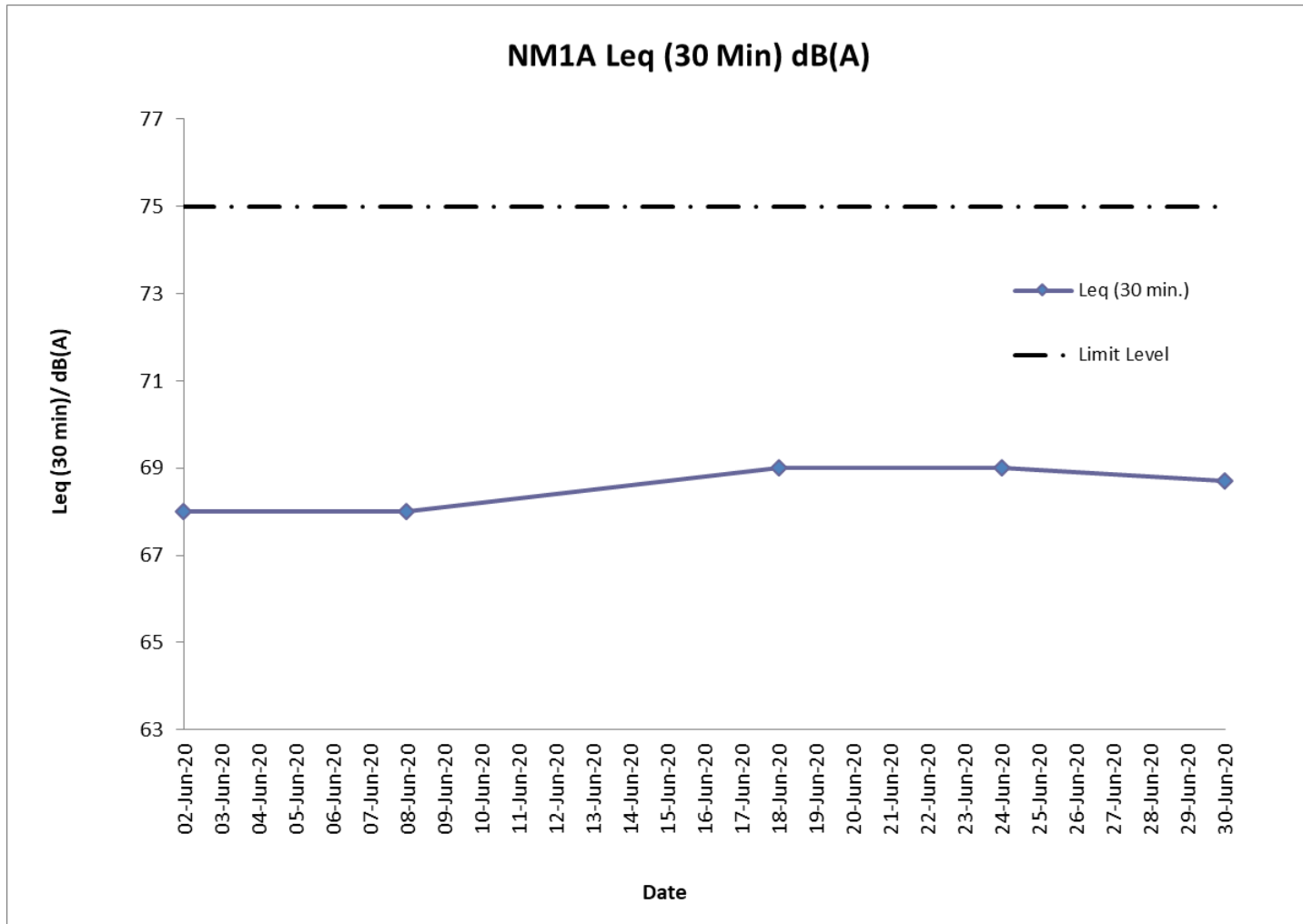
Remarks:

* +3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

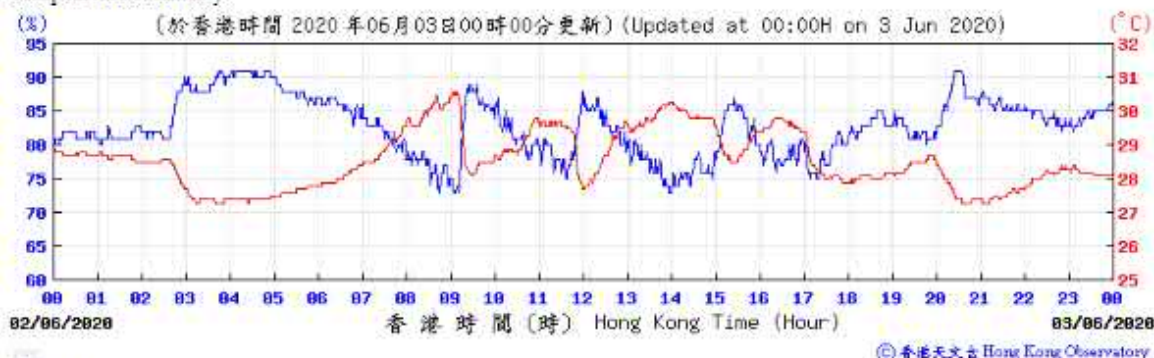
Graphical Presentation Noise Monitoring Result at Station NM1A



H. Meteorological Data Extracted from Hong Kong Observatory

Extract of Meteorological Observations for King's Park Automatic Weather Station, June 2020

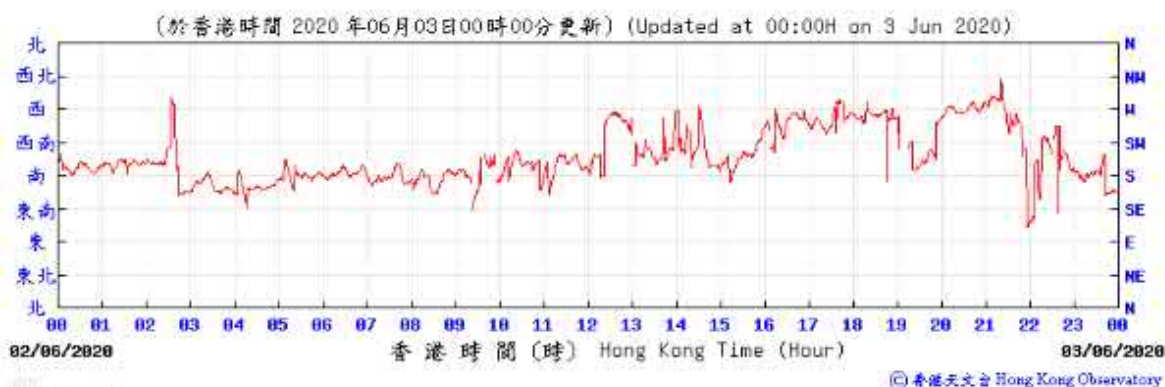
Temperature/Humidity:



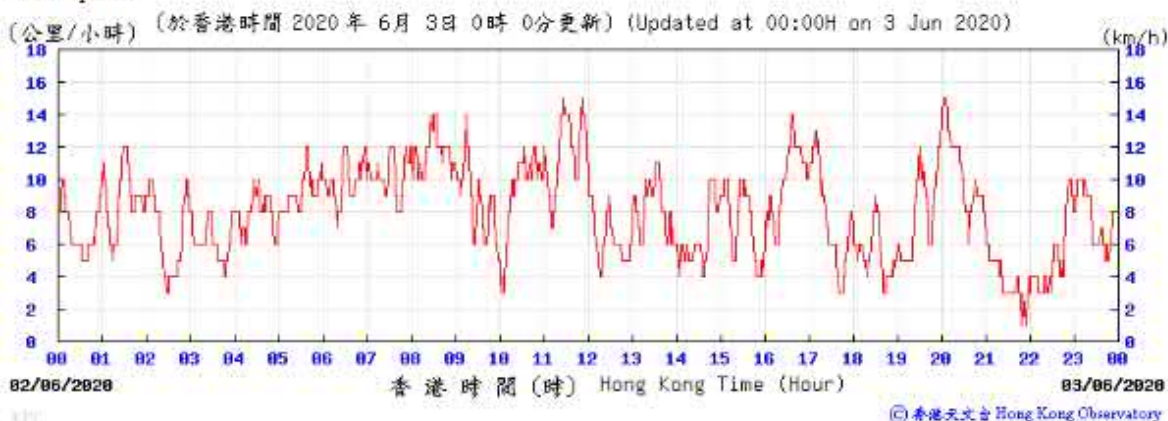
Pressure:



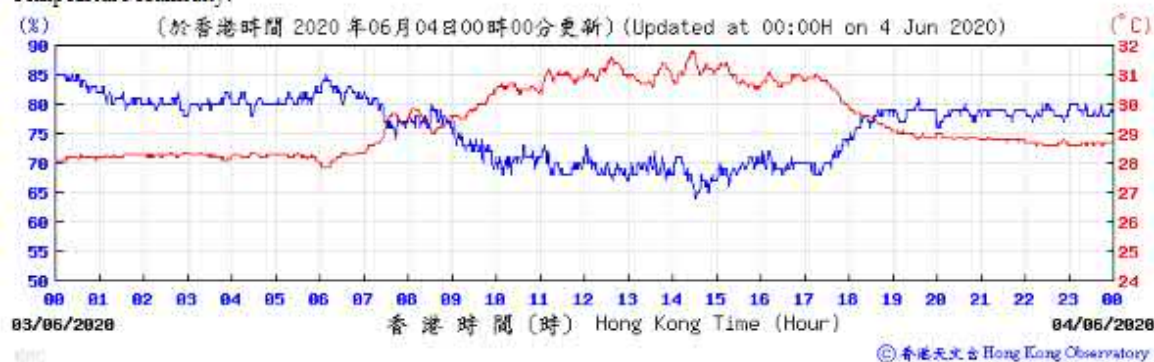
Wind Direction:



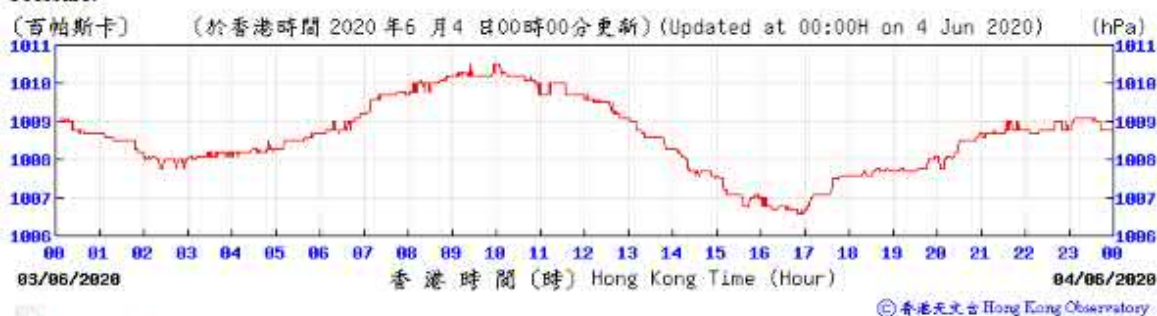
Wind Speed:



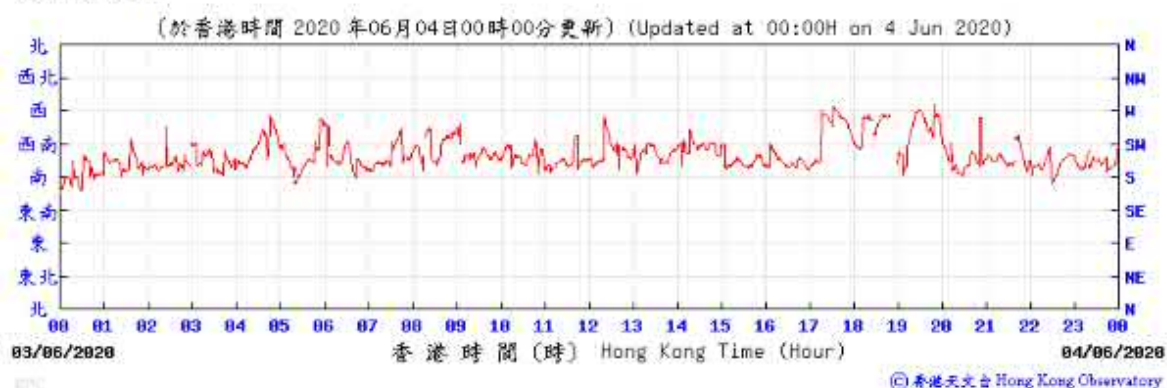
Temperature Humidity:



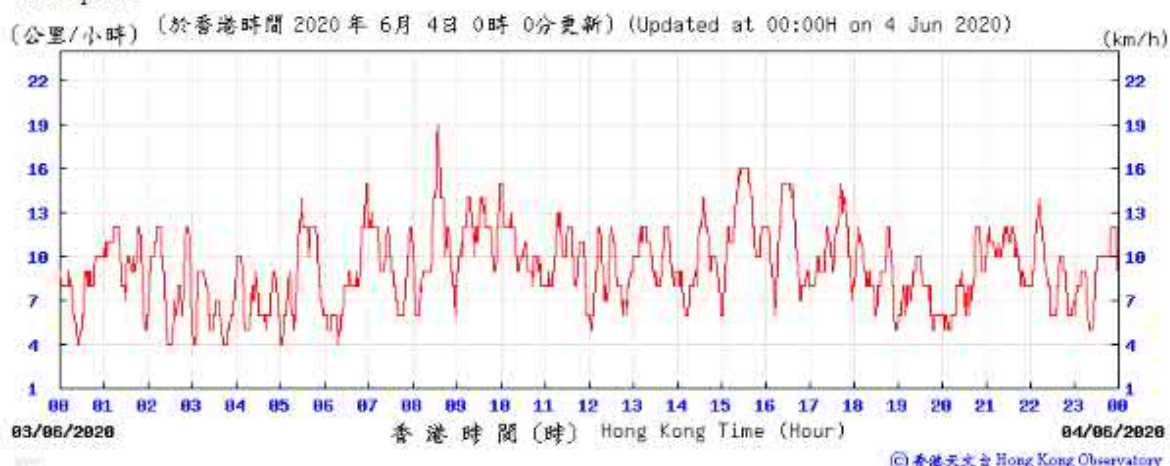
Pressure:



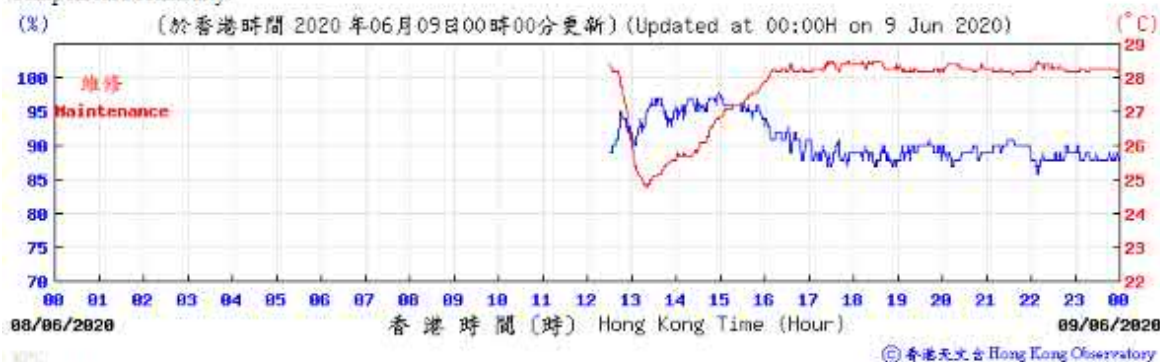
Wind Direction:



Wind Speed:



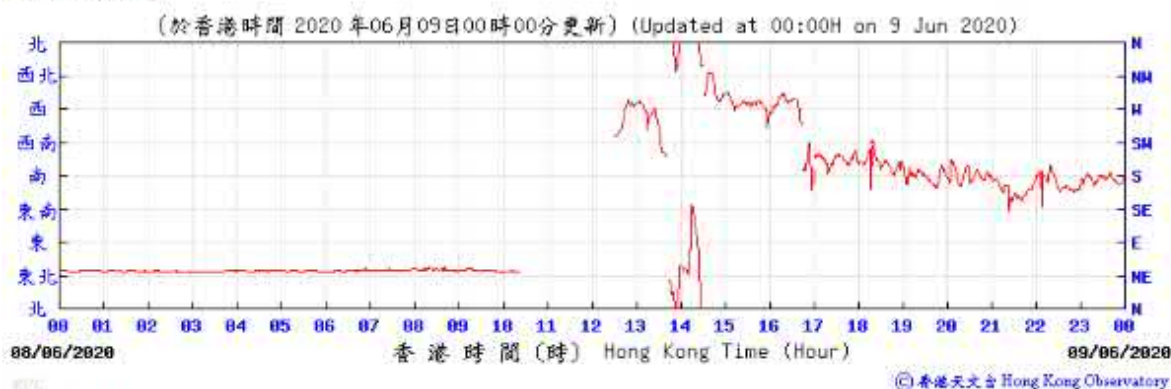
Temperature/Humidity:



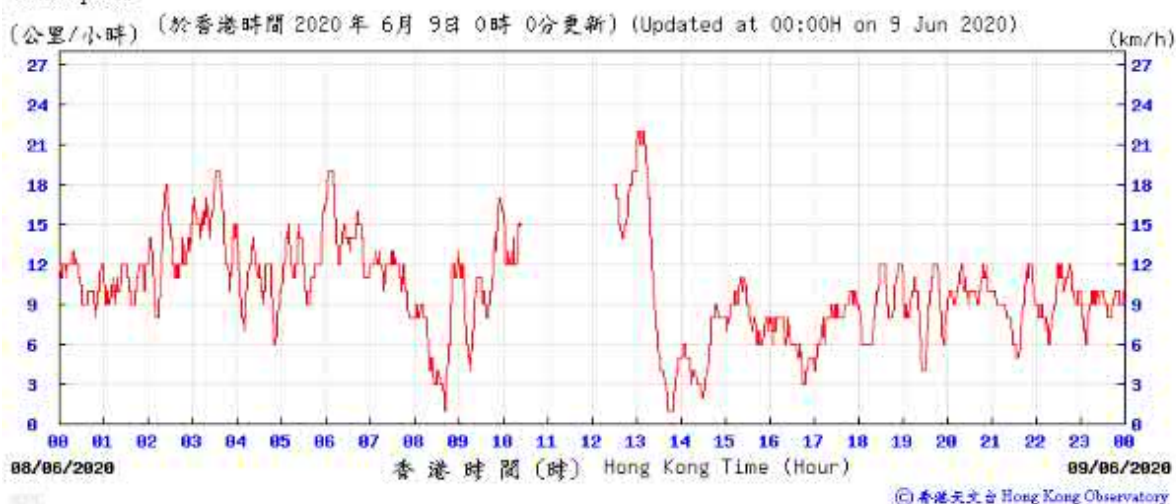
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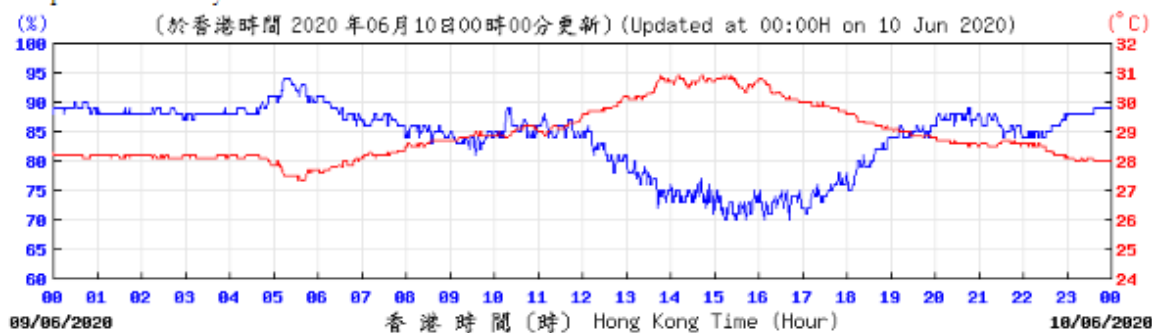
Wind Direction:



Wind Speed:

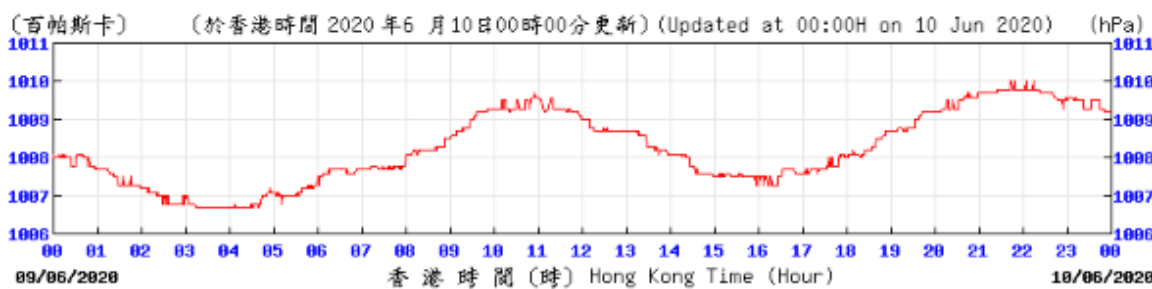


Temperature/Humidity:



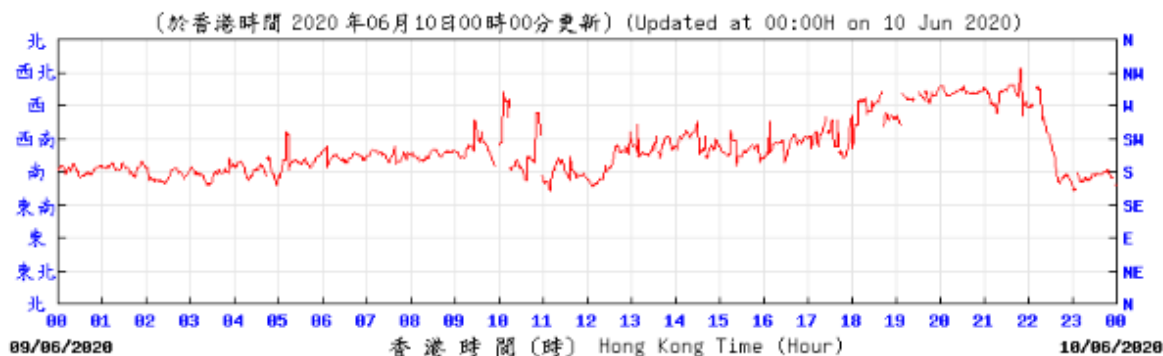
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Pressure:



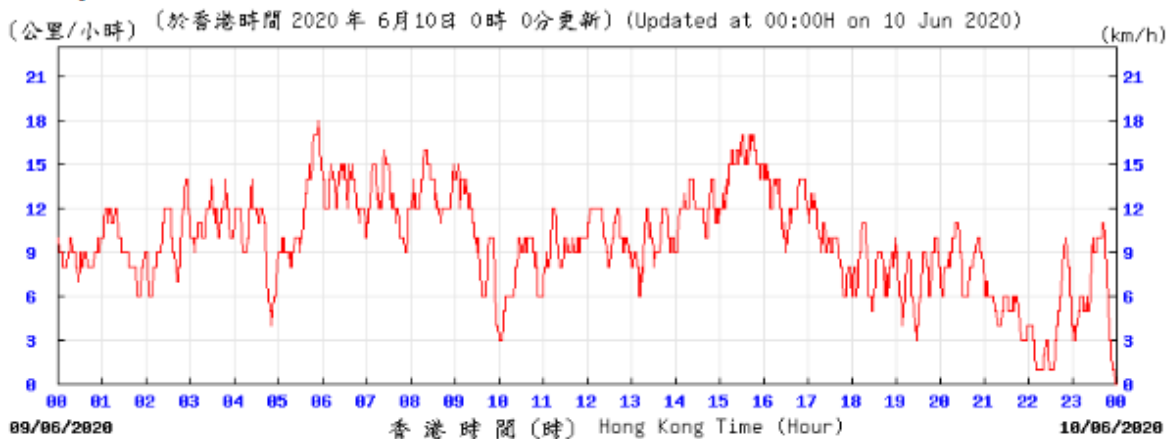
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Wind Direction:



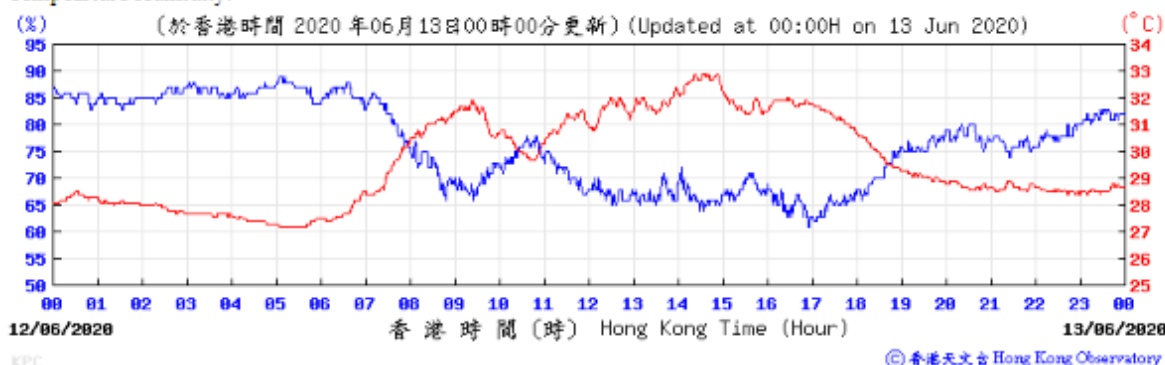
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Wind Speed:

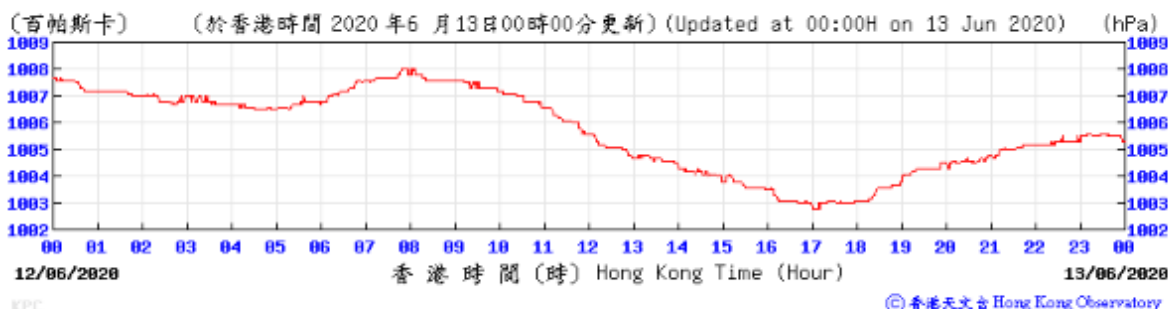


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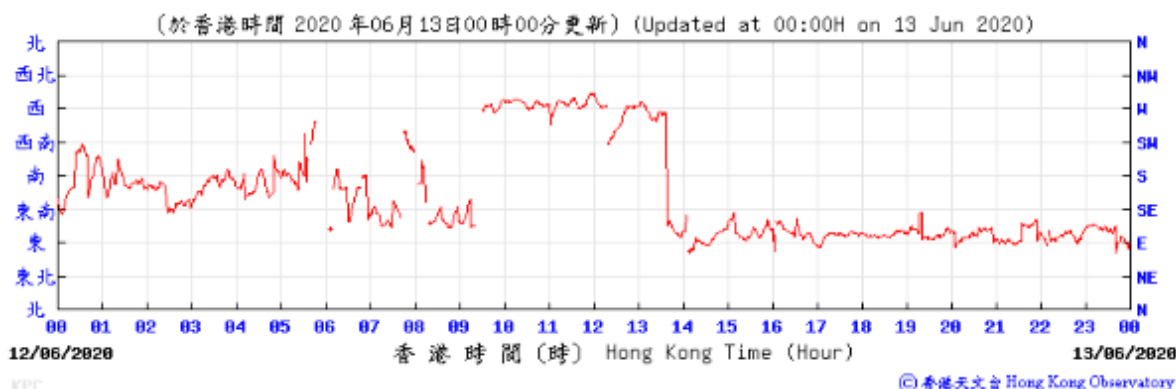
Temperature Humidity:



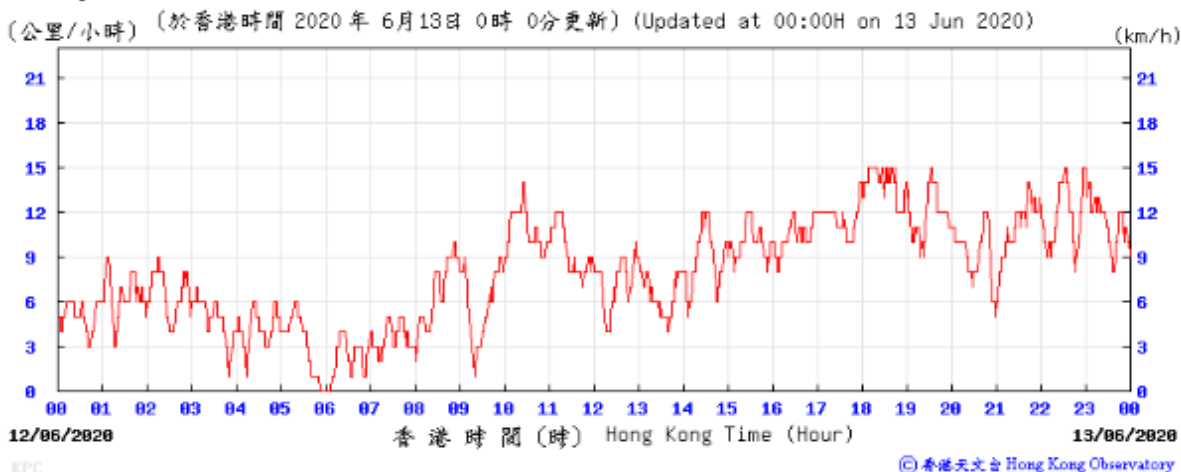
Pressure:



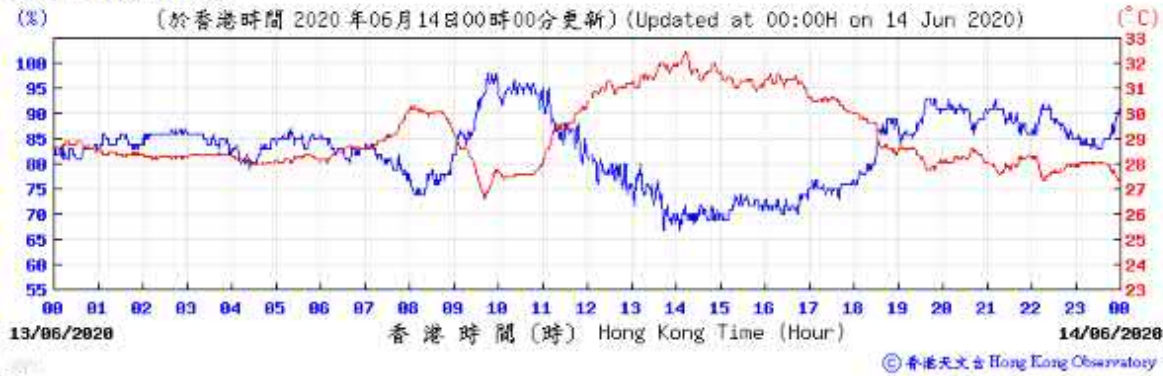
Wind Direction:



Wind Speed:



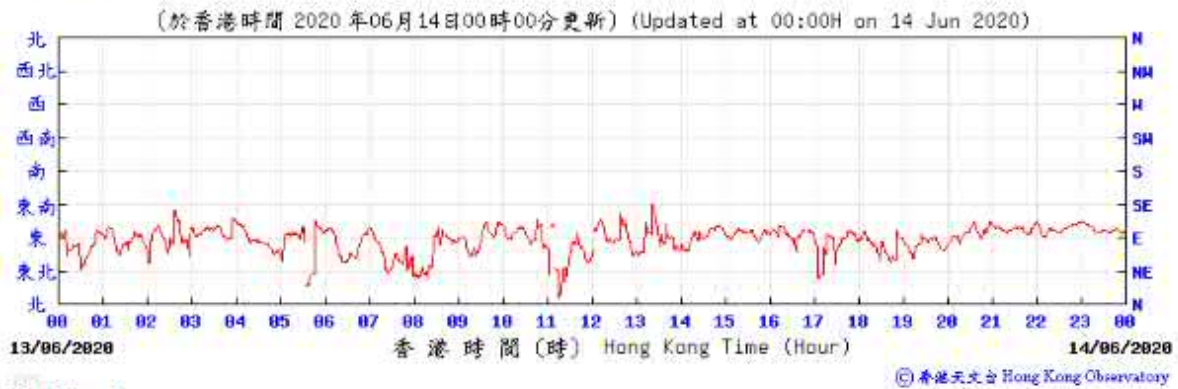
Temperature/Humidity:



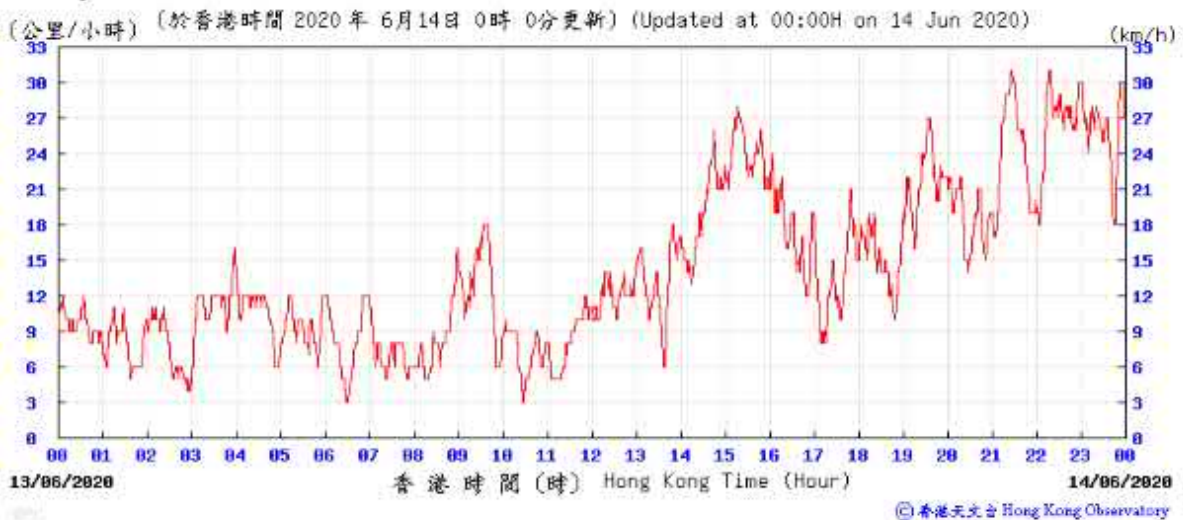
Pressure:



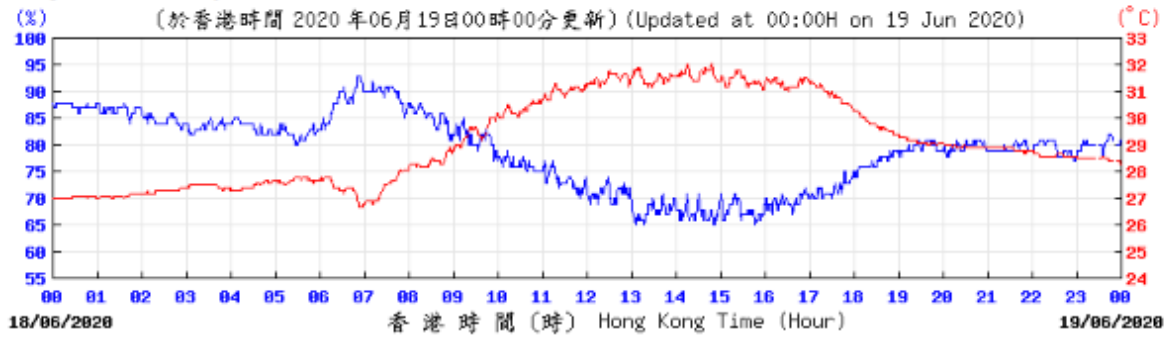
Wind Direction:



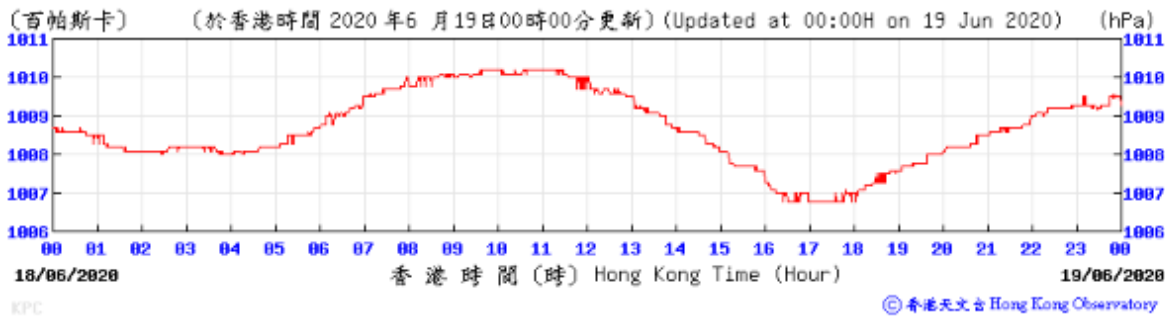
Wind Speed:



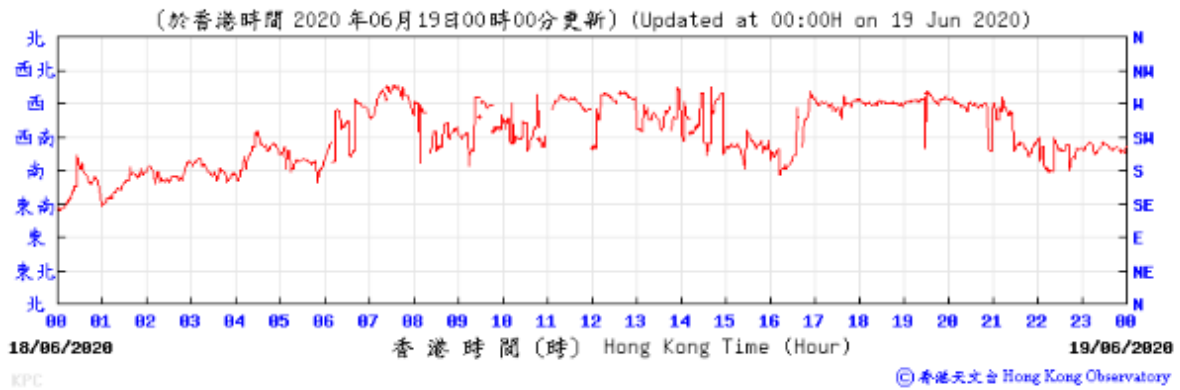
Temperature Humidity:



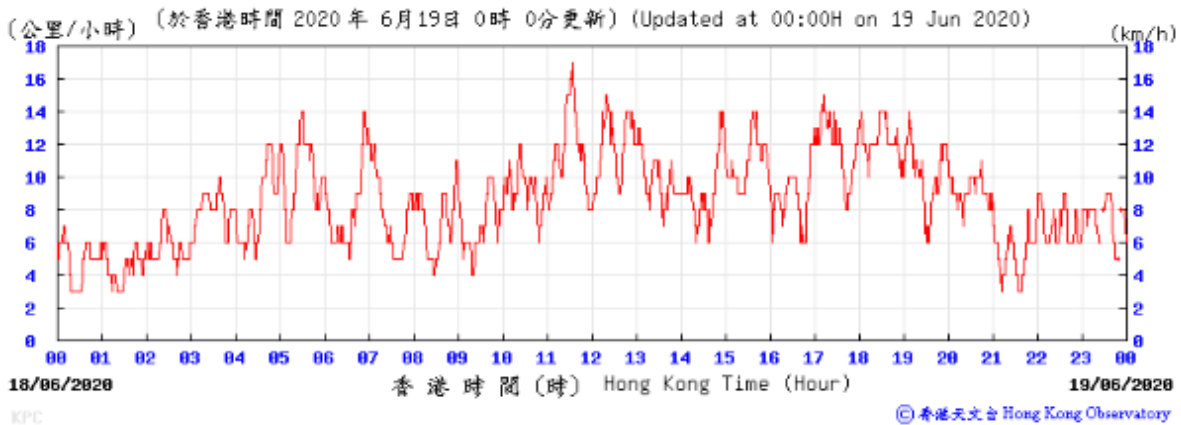
Pressure:



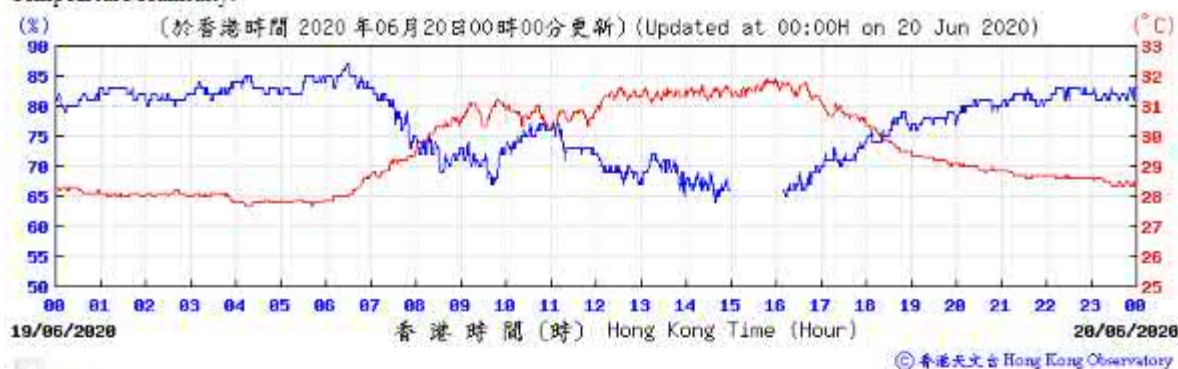
Wind Direction:



Wind Speed:



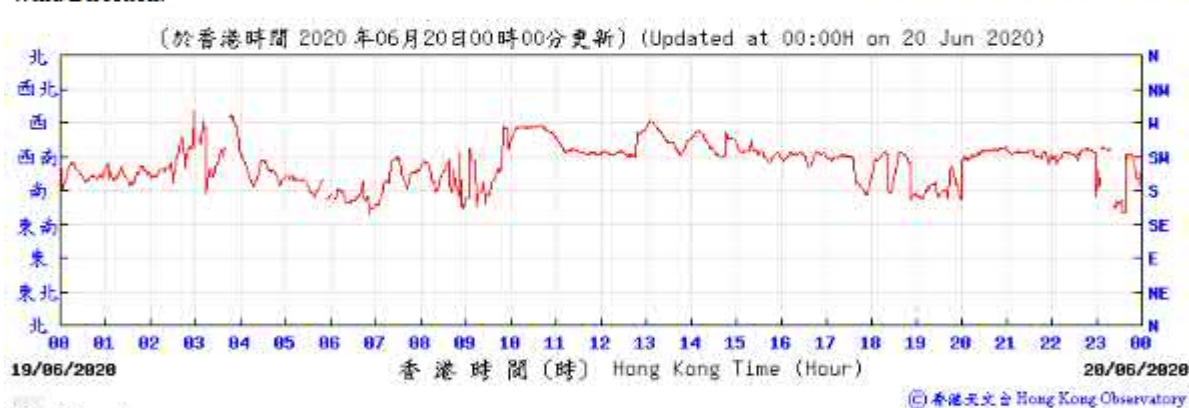
Temperature Humidity:



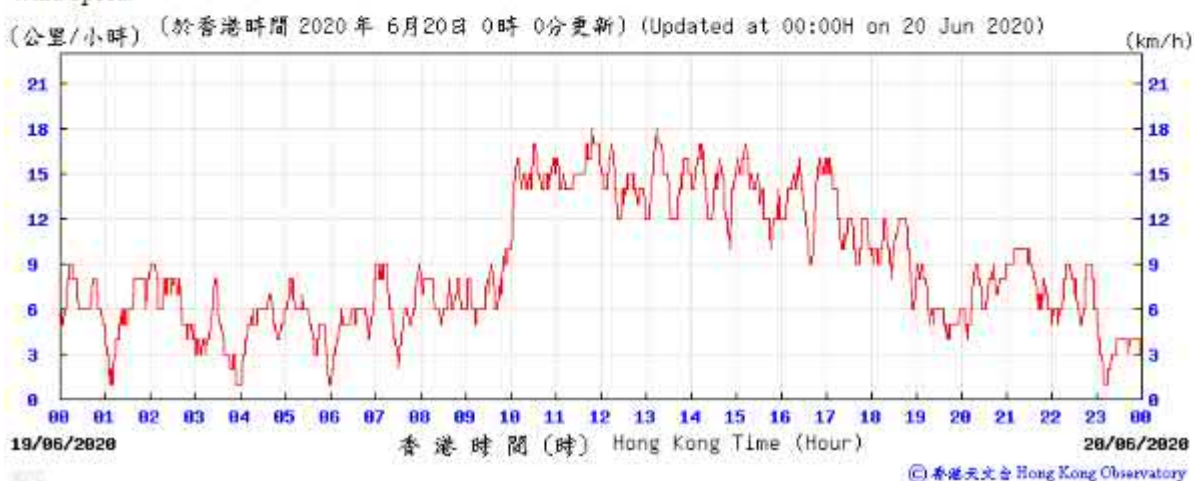
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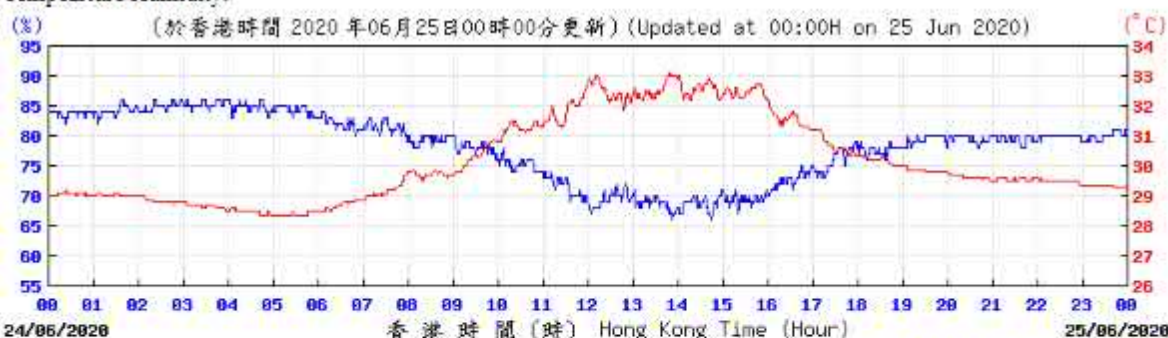
Wind Direction:



Wind Speed:

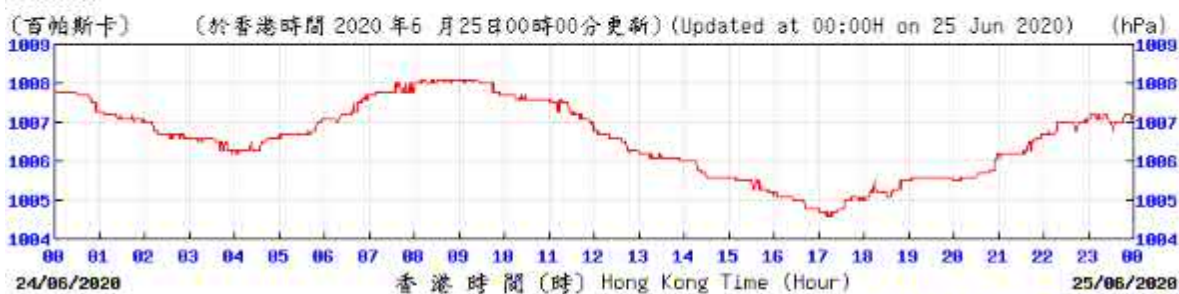


Temperature/Humidity:



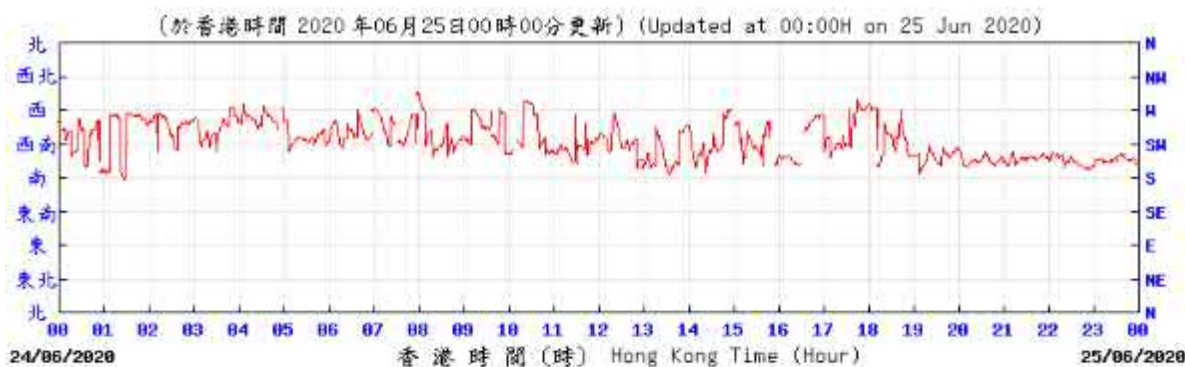
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Pressure:



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Wind Direction:



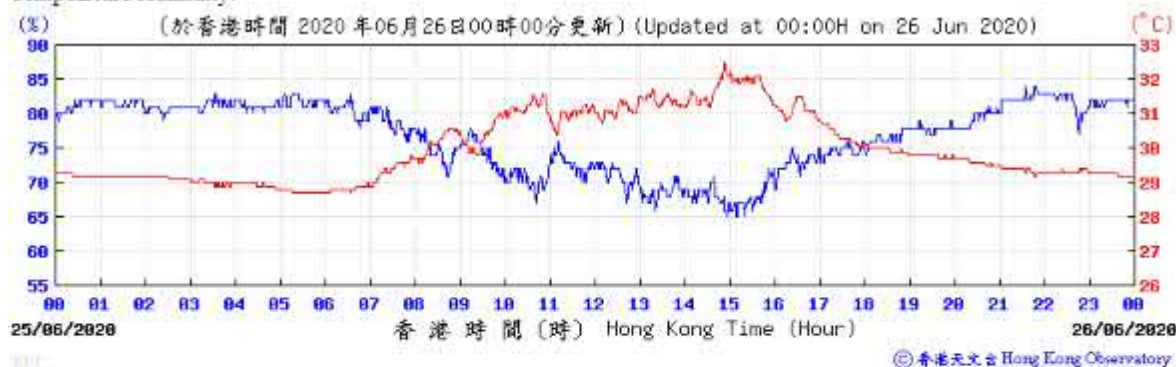
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Wind Speed:

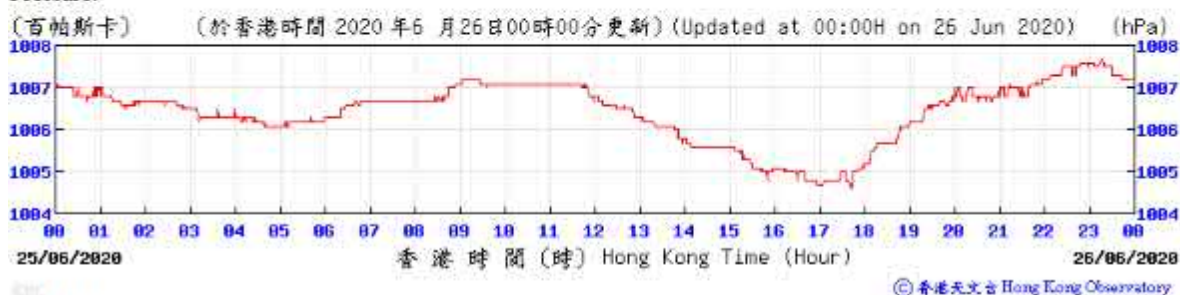


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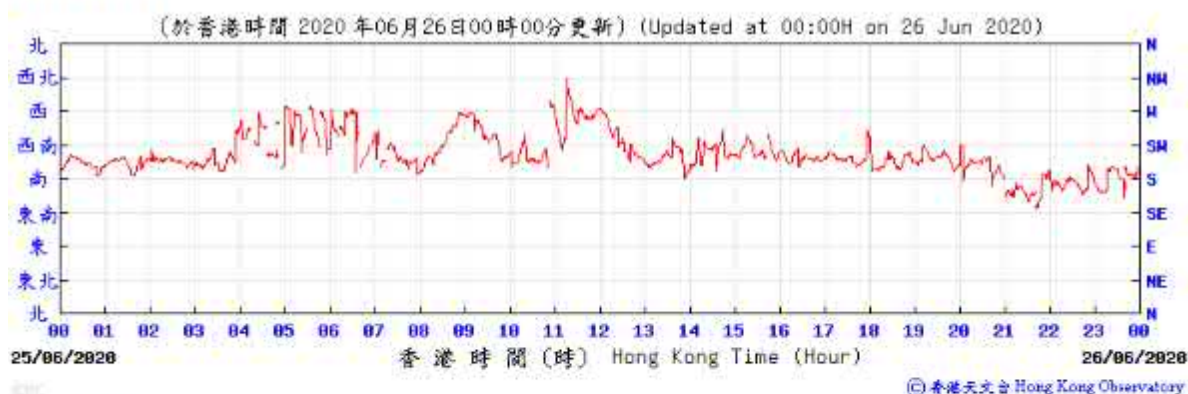
Temperature Humidity:



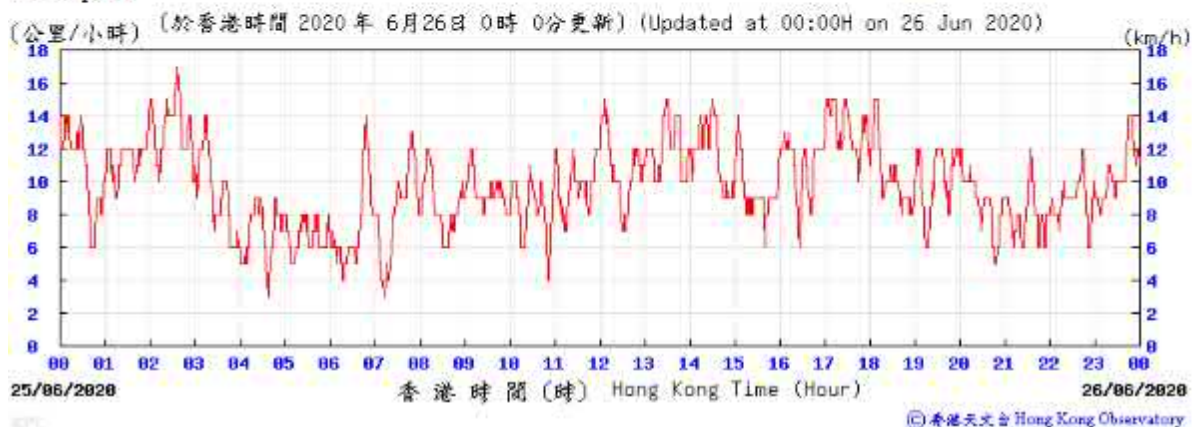
Pressure:



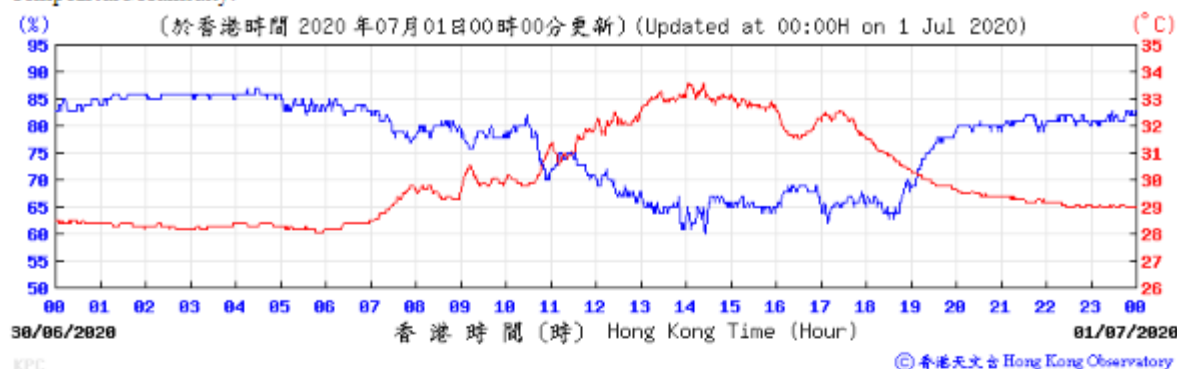
Wind Direction:



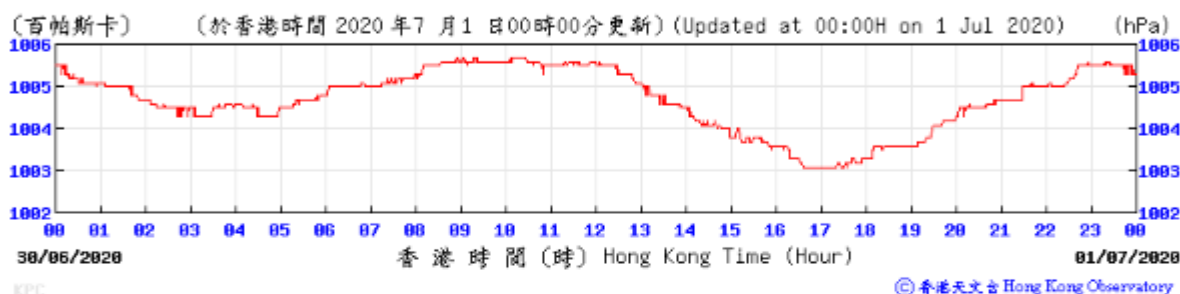
Wind Speed:



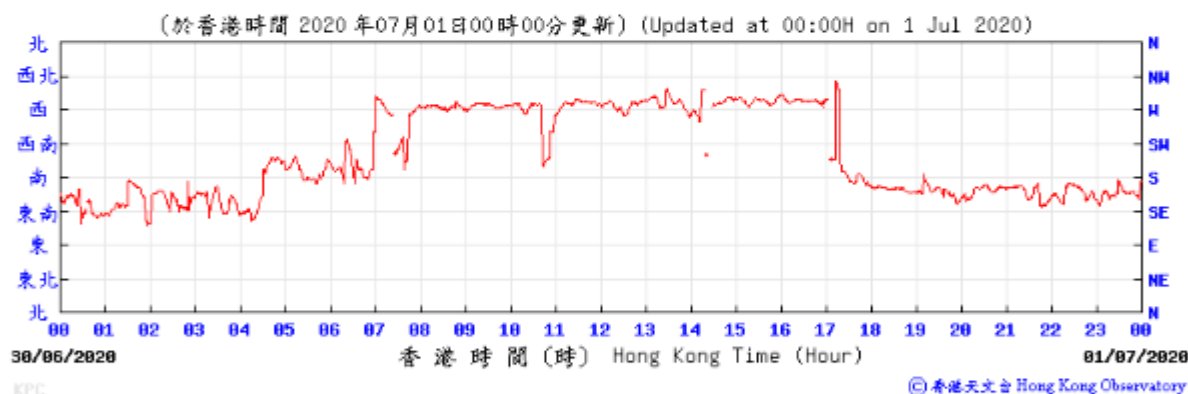
Temperature Humidity:



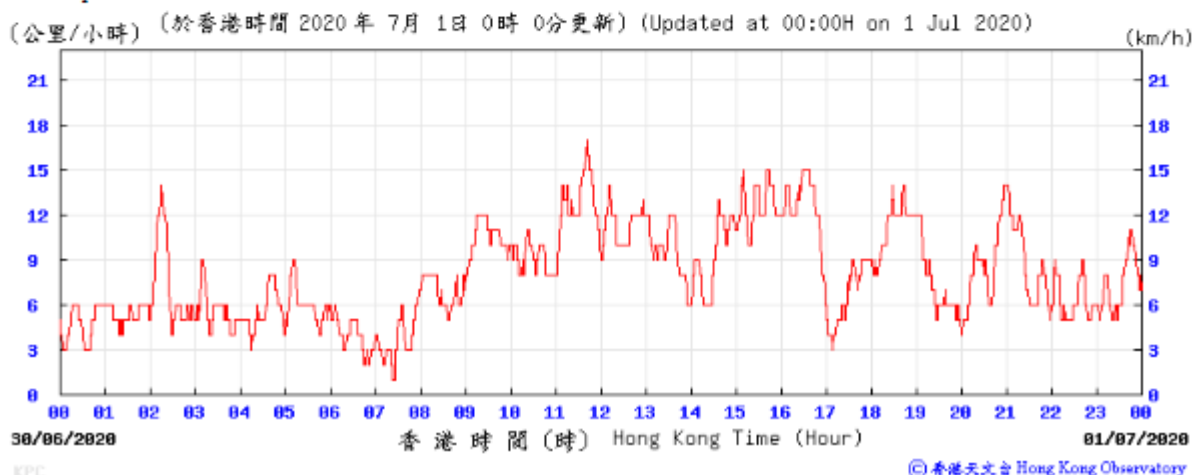
Pressure:



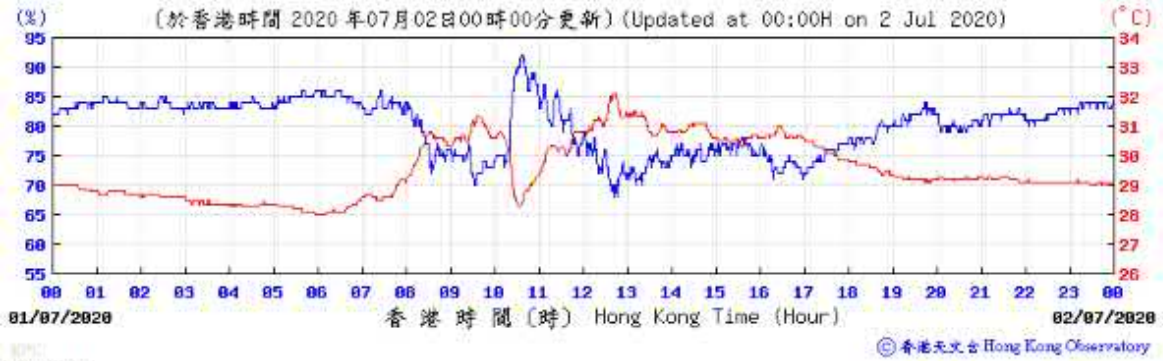
Wind Direction:



Wind Speed:



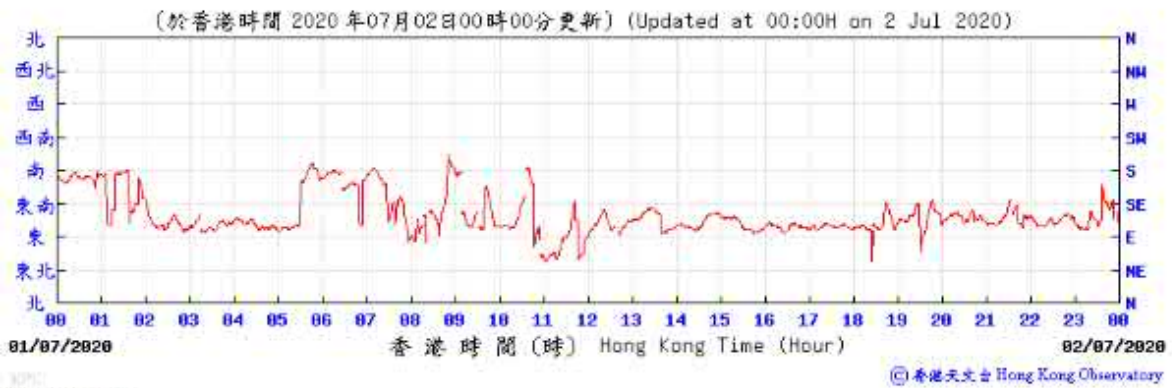
Temperature/Humidity:



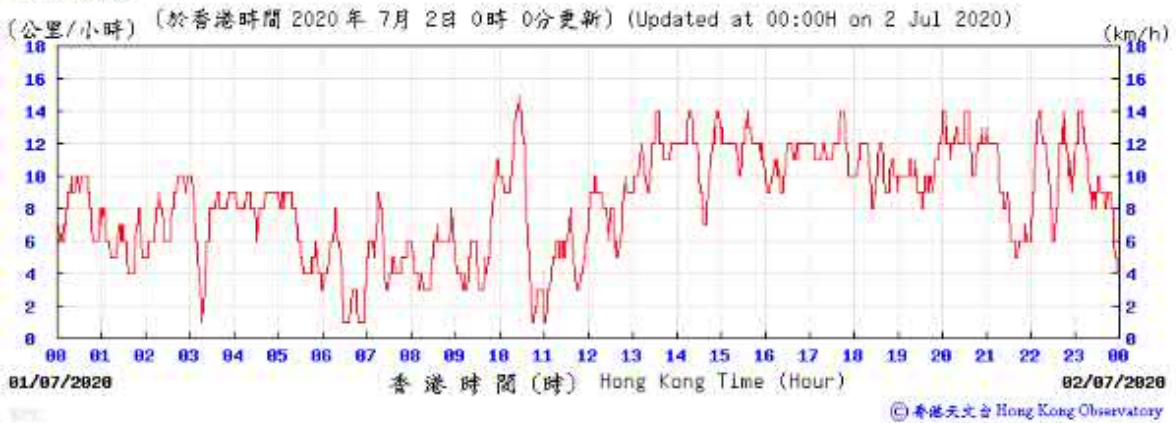
Pressure:



Wind Direction:



Wind Speed:



I. Waste Flow table

M+ Museum

Table I-1: Monthly Waste Flow Table for M+ Museum

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
2015													
Nov	46607.4	0.0	0.0	8240.0	38367.4	0.0	0.0	76.2	0.0	0.0	0.0	0.0	67.6
Dec	29652.9	0.0	0.0	29621.4	31.5	0.0	0.0	26.3	0.0	0.0	0.0	1.0	66.0
Sub-total (2015)	76260.3	0.0	0.0	37861.4	38398.9	0.0	0.0	102.5	0.0	0.0	0.0	1.0	133.6
2016													
Jan	21077.4	0.0	6352.0	14576.0	149.4	0.0	0.0	18.8	0.0	0.0	0.0	0.0	23.2
Feb	7626.2	0.0	3424.0	4048.0	154.2	0.0	0.0	59.8	0.0	0.0	0.0	0.0	20.5
Mar	10442.5	0.0	1600.0	7888.0	954.5	0.0	0.0	29.7	0.0	0.0	0.0	0.0	46.3
Apr	30413.2	0.0	6352.0	23408.0	653.2	0.0	0.0	25.8	0.1	0.0	27.8	0.0	34.5
May	24083.5	0.0	112.0	23216.0	755.5	0.0	0.0	61.5	0.4	0.0	33.6	0.0	62.3
Jun	7880.1	0.0	4736.0	2384.0	760.1	0.0	0.0	106.6	0.1	0.0	14.6	0.0	52.8
Jul	5893.1	0.0	2656.0	2240.0	997.1	0.0	0.0	77.6	0.0	0.0	33.6	0.0	83.1
Aug	13709.6	0.0	0.0	12432.0	1277.6	0.0	0.0	111.3	0.2	0.0	38.5	0.0	104.9
Sep	6702.0	0.0	0.0	5648.0	1000.1	53.9	0.0	104.2	0.0	0.0	45.5	0.2	107.9
Oct	2103.6	0.0	0.0	496.0	1595.4	12.2	0.0	83.0	0.4	0.0	73.5	0.0	108.2
Nov	3302.7	0.0	0.0	2384.0	855.5	63.2	0.0	88.4	0.6	0.0	63.0	0.0	129.1
Dec	899.8	0.0	0.0	736.0	126.8	37.0	0.0	48.3	0.6	0.0	70.0	0.0	89.0
Sub-total (2016)	134133.5	0.0	25232.0	99456.0	9279.3	166.3	0.0	814.9	2.3	0.0	400.1	0.2	861.8
2017													
Jan	675.2	0.0	0.0	432.0	237.9	5.3	0.0	79.5	1.0	0.0	70.0	0.0	79.7
Feb	927.7	0.0	0.0	768.0	125.6	34.0	0.0	70.5	0.6	0.0	84.0	0.0	81.4
Mar	1856.7	0.0	0.0	1280.0	466.9	109.8	0.0	62.8	0.4	0.0	98.0	0.0	148.5
Apr	642.4	0.0	0.0	160.0	324.9	157.5	0.0	87.5	0.7	0.0	175.0	0.0	102.5
May	1118.2	0.0	0.0	528.0	416.4	173.7	0.0	118.3	0.0	0.0	280.0	0.0	139.0
Jun	650.0	0.0	0.0	0.0	451.6	198.4	0.0	199.7	1.4	0.0	350.0	0.0	98.7
Jul	1762.0	0.0	0.0	0.0	1466.6	295.4	0.0	36.9	1.2	0.0	244.0	0.0	164.2
Aug	1231.5	0.0	0.0	0.0	867.5	364.0	0.0	82.5	0.9	0.0	59.0	0.0	186.9
Sep	1681.7	0.0	0.0	0.0	1342.0	339.7	0.0	114.3	0.7	0.0	77.0	0.0	265.3
Oct	483.6	0.0	0.0	0.0	242.5	241.1	0.0	458.1	0.6	0.0	24.1	0.0	128.5
Nov	822.8	0.0	0.0	0.0	344.5	478.3	0.0	1168.9	0.7	0.0	140.0	0.2	219.1
Dec	601.3	0.0	0.0	0.0	236.2	365.1	0.0	995.8	0.8	0.0	320.0	0.0	241.9
Sub-total (2017)	12453.0	0.0	0.0	3168.0	6522.6	2762.4	0.0	3474.8	8.9	0.0	1921.1	0.2	1855.5

Table I-1: Monthly Waste Flow Table for M+ Museum

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
2018													
Jan	1015.3	0.0	0.0	0.0	574.1	441.2	0.0	634.6	1.5	0.0	100.0	0.0	183.6
Feb	847.6	0.0	0.0	0.0	608.3	239.3	0.0	14.2	1.0	0.0	25.0	0.0	154.9
Mar	1507.0	0.0	0.0	0.0	1102.1	404.9	0.0	647.5	1.5	0.0	120.0	0.0	264.1
Apr	2942.8	0.0	0.0	0.0	2542.4	400.4	0.0	253.4	0.3	0.0	100.0	0.0	252.5
May	2109.2	0.0	0.0	0.0	1593.3	515.9	0.0	179.4	0.4	0.0	70.0	0.0	311.4
Jun	1697.6	0.0	0.0	0.0	1162.4	535.2	0.0	81.3	0.3	0.0	105.0	0.0	188.2
Jul	945.5	0.0	0.0	0.0	646.1	299.4	0.0	47.6	0.4	0.0	150.0	0.0	277.6
Aug	730.8	0.0	0.0	0.0	461.4	269.4	0.0	29.3	0.0	0.0	40.0	0.0	109.1
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	1193.1	0.0	0.0	0.0	895.7	297.5	0.0	130.8	2.7	0.0	200.0	0.0	116.6
Nov	1608.9	0.0	0.0	0.0	841.1	767.7	0.0	142.4	1.1	0.0	245.0	0.0	213.9
Dec	1313.8	0.0	0.0	170.4	341.9	801.5	0.0	361.2	0.8	0.0	180.0	0.0	198.2
Sub-total (2018)	15911.4	0.0	0.0	170.4	10768.7	4972.3	0.0	2521.7	9.9	0.0	1335.0	0.0	2270.2
2019													
Jan	1632.5	0.0	0.0	153.6	572.3	906.6	0.0	587.8	0.8	0.0	40.0	0.0	303.9
Feb	618.5	0.0	0.0	0.0	397.4	221.2	0.0	158.3	1.2	0.0	20.0	0.0	429.7
Mar	1555.1	0.0	0.0	441.6	920.2	193.2	0.0	371.3	0.0	0.0	20.0	0.0	645.2
Apr	327.4	0.0	0.0	0.0	127.3	200.2	0.0	291.4	1.3	0.0	300.0	0.9	477.4
May	712.8	0.0	0.0	361.9	116.7	234.3	0.0	197.4	0.8	0.0	320.0	0.0	531.1
Jun	219.9	0.0	0.0	0.0	95.6	124.4	0.0	199.6	0.5	0.0	350.0	0.0	448.0
Jul	445.8	0.0	0.0	0.0	171.6	274.1	0.0	137.7	1.1	0.0	300.0	0.6	553.1
Aug	692.6	0.0	0.0	55.2	354.1	283.3	0.0	139.1	0.0	0.0	0.0	0.0	596.8
Sep	549.4	0.0	0.0	72.0	218.2	259.2	0.0	367.8	0.0	0.0	420.0	0.0	560.5
Oct	373.0	0.0	0.0	0.0	204.4	168.6	0.0	161.9	0.0	1.2	450.0	0.4	657.7
Nov	681.1	0.0	0.0	192.0	263.0	226.1	0.0	143.9	0.7	0.9	380.0	0.0	659.8
Dec	727.5	0.0	0.0	240.0	341.0	146.5	0.0	476.1	0.8	0.7	345.0	0.0	682.3
Sub-total (2019)	8535.5	0.0	0.0	1516.3	3781.6	3237.7	0.0	3232.3	7.1	2.8	2945.0	1.9	6545.5

Table I-1: Monthly Waste Flow Table for M+ Museum

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
2020													
Jan	404.3	0.0	0.0	0.0	351.1	53.2	0.0	224.2	0.8	0.0	335.0	0.0	523.7
Feb	699.4	0.0	0.0	144.0	511.3	44.1	0.0	61.0	1.7	1.6	280.0	0.0	333.2
Mar	613.8	0.0	0.0	144.0	459.4	10.4	0.0	165.5	0.6	0.7	140.0	0.0	394.9
Apr	365.5	0.0	0.0	0.0	333.6	31.9	0.0	554.3	0.9	0.0	0.0	0.0	389.4
May	96.8	0.0	0.0	0.0	84.2	12.6	0.0	170.7	0.5	0.0	0.0	0.0	401.1
Jun	467.9	0.0	0.0	0.0	455.9	12.0	0.0	180.0	0.5	0.0	0.0	0.0	232.0
Jul													
Aug													
Sep													
Oct													
Nov													
Dec													
Sub-total (2020)	2647.6	0.0	0.0	288.0	2195.4	164.2	0.0	1355.8	4.9	2.4	755.0	0.0	2274.3
Total	249941.4	0.0	25232.0	142460.1	70946.4	11302.9	0.0	11501.9	33.1	5.1	7356.2	3.2	13940.9

Note:

- 0 tonnes, 29.42 tonnes, 426.47 tonnes, 11.98 tonnes of inert C&D material were disposed of as public fill to Chai Wan Public Fill Barging Point, Tuen Mun Area 38, Tseung Kwan O Area 137 Public Fill and Tseung Kwan O Area 137 Sorting Facility respectively in the reporting month.

- For inert C&D materials reused in other projects, the projects refer to (1) Green Valley; (2) Advance Works for Shek Wu Hui Sewage Treatment Works (3) Design and Construction of Kai Tak Cable Tunnel, CLP; (4) MTR Contract 1002 Whampoa Station and Overrun Tunnel; (5) CEDD Tuen Mun Area 54 Contract No. CV/2015/03; (6) Union Construction Ltd.'s site; (7) Foundation Works at Marriot Hotel at Ocean Park.(8) Ming Tai warehouses (9) No.1 Plantation Road; (10) L1 lyric theater (11) sales to Ho Jet Plant

Lyric Theatre Complex

Table I-2: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
Nov	5095.4	0.0	0.0	4352.0	725.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	38.8
Dec	3856.2	0.0	0.0	3076.0	780.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	8.4
Sub-total (2017)	63093.1	0.0	0.0	19051.0	44018.7	23.4	0.0	187.1	0.7	0.0	0.0	3.8	137.3
2018													
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Mar	6120.2	0.0	0.0	5782.0	338.2	0.0	0.0	0.0	0.0	1.0	0.0	0.5	17.6
Apr	14460.3	0.0	0.0	12484.1	1976.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.6
May	59783.7	0.0	0.0	46989.0	12794.7	0.0	0.0	59.6	0.0	0.0	0.0	0.0	9.4
Jun	53117.5	0.0	0.0	37642.8	15474.7	0.0	0.0	51.5	0.2	0.0	0.0	0.0	12.8
Jul	89901.5	0.0	0.0	85317.1	4584.4	0.0	165.1	114.6	0.0	0.0	0.0	0.0	41.3
Aug	35137.3	0.0	0.0	33731.6	1405.7	0.0	214.3	148.1	0.0	0.0	0.0	0.0	48.5
Sep	4924.3	0.0	0.0	4641.2	196.1	87.0	174.6	40.0	0.0	0.0	0.0	0.0	179.2
Oct	19099.9	0.0	0.0	11301.0	7642.8	156.1	0.0	106.3	0.4	0.0	0.0	0.0	528.5
Nov	104168.0	0.0	0.0	79811.6	24351.0	5.3	0.0	54.5	0.0	0.6	0.0	0.0	31.5
Dec	62989.9	0.0	0.0	51284.4	11699.9	5.6	0.0	95.1	0.0	0.6	0.0	0.0	65.9
Sub-total (2018)	449702.6	0.0	0.0	368984.8	80463.7	254.0	553.9	669.7	0.5	2.4	0.0	0.5	943.7
2019													
Jan	74479.1	0.0	0.0	69249.5	5229.7	0.0	318.0	326.7	0.2	0.0	0.0	0.0	76.3
Feb	21969.9	0.0	0.0	17723.9	4246.0	0.0	16.5	55.2	0.0	0.0	0.0	0.0	26.7
Mar	19311.9	0.0	0.0	8569.9	10742.0	0.0	337.8	64.5	0.0	0.0	0.0	0.0	36.3
Apr	28559.9	0.0	0.0	21280.3	7279.6	0.0	0.0	32.6	0.0	0.8	0.0	0.0	24.9
May	45418.0	0.0	0.0	11200.6	34217.4	0.0	0.0	27.4	0.2	0.5	0.0	0.0	33.7
Jun	66633.4	0.0	0.0	23874.5	42748.0	10.9	59.2	11.9	0.0	0.9	0.0	0.0	35.3
Jul	36619.6	0.0	0.0	1632.7	34960.9	26.0	64.4	120.7	0.0	0.0	0.0	0.0	57.9
Aug	2526.8	0.0	0.0	0.0	2499.0	27.8	31.9	40.2	0.0	0.8	0.0	0.0	66.3

Table I-2: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
Sep	4117.6	0.0	0.0	0.0	4088.7	28.9	95.2	19.0	0.0	0.6	0.0	0.0	127.4
Oct	6974.2	0.0	0.0	0.0	6948.1	26.1	15.9	11.4	0.2	1.0	0.0	0.6	223.6
Nov	5334.4	0.0	0.0	0.0	5304.1	30.3	0.0	8.9	0.0	0.0	0.0	0.0	151.6
Dec	6236.8	0.0	0.0	0.0	6236.8	0.0	0.0	70.6	0.0	0.0	0.0	0.0	98.9
Sub-total (2019)	318181.6	0.0	0.0	153531.3	164500.1	150.1	938.9	788.8	0.6	4.6	0.0	0.6	959.0
2020													
Jan	7089.9	0.0	0.0	0.0	7089.9	0.0	0.0	10.6	0.2	0.0	0.0	0.0	65.7
Feb	16822.3	0.0	0.0	0.0	16822.3	0.0	0.0	232.2	0.1	0.0	0.0	0.0	66.3
Mar	6559.0	0.0	0.0	0.0	6559.0	0.0	110.4	63.1	0.0	0.9	0.0	0.0	138.3
Apr	4997.9	0.0	0.0	1615.7	3382.2	0.0	159.2	1123.9	1.9	0.0	0.0	0.0	113.2
May	2236.0	0.0	0.0	452.3	1783.6	0.0	0.0	406.5	0.0	0.0	0.0	0.0	188.8
Jun	1134.3	0.0	0.0	0.0	1134.3	0.0	31.5	209.0	0.0	0.6	0.0	0.0	210.6
Jul													
Aug													
Sep													
Oct													
Nov													
Dec													
Sub-total (2020)	38839.4	0.0	0.0	2068.1	36771.3	0.0	301.0	2045.4	2.2	1.4	0.0	0.0	782.9
Total	980955.4	0.0	0.0	543635.2	436892.6	427.5	1793.9	4025.3	4.4	9.9	0.0	12.5	3014.4

Table I-2: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)

Note:

- 526.24 tonnes and 608.09 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 Public Fill and Tuen Mun Area 38 Public Fill respectively in the reporting month.

J. Environmental Mitigation Measures – Implementation Status

Table J-1: Environmental Mitigation Measures Implementation Status (June 2020)

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
Air Quality Impact (Construction)				
2.1 & 10.3.1	<p>General Dust Control Measures</p> <p>Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)</p>	✓	Obs	✓
2.1 & 10.3.1	<p>Best Practice For Dust Control</p> <p>The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include:</p> <p><i>Good Site Management</i></p> <ul style="list-style-type: none"> • Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning. <p><i>Disturbed Parts of the Roads</i></p> <ul style="list-style-type: none"> • Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or • Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet. 	Obs	✓	✓
		✓	✓	✓
		✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<i>Exposed Earth</i>			
	<ul style="list-style-type: none"> Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seeding with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies. 	N/A No exposed earth in this project.	N/A No exposed earth in this project.	N/A No exposed earth in this project.
	<i>Loading, Unloading or Transfer of Dusty Materials</i>			
	<ul style="list-style-type: none"> All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet. 	✓	✓	✓
	<i>Debris Handling</i>			
	<ul style="list-style-type: none"> Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides. Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped. 	✓ ✓	Rem ✓	✓ ✓
	<i>Transport of Dusty Materials</i>			
	<ul style="list-style-type: none"> Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards. 	✓	✓	✓
	<i>Wheel washing</i>			
	<ul style="list-style-type: none"> Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 	✓	✓	✓
	<i>Use of vehicles</i>			
	<ul style="list-style-type: none"> The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle. 	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<p><i>Site hoarding</i></p> <ul style="list-style-type: none"> Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit. 	✓	✓	✓
2.1 & 10.3.1	<p>Best Practicable Means for Cement Works (Concrete Batching Plant)</p> <p>The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include:</p> <p>Exhaust from Dust Arrestment Plant</p> <ul style="list-style-type: none"> Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection <p>Emission Limits</p> <ul style="list-style-type: none"> All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke <p>Engineering Design/Technical Requirements</p> <ul style="list-style-type: none"> As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions 	<p>N/A</p> <p>No concrete batching plant in this project.</p>	<p>N/A</p> <p>No concrete batching plant in this project.</p>	<p>N/A</p> <p>No concrete batching plant in this project.</p>
-	<p>Non-Road Mobile Machinery (NRMM):</p> <p>All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.</p>	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
Noise Impact (Construction)				
3.1 & 10.4.1	<p>Good Site Practice</p> <p>Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:</p> <ul style="list-style-type: none"> only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works; machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs; mobile plant should be sited as far away from NSRs as possible; and material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities. 	✓	✓	✓
3.1 & 10.4.1	<p>Adoption of Quieter PME</p> <p>The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "<i>Sound Power Levels of Other Commonly Used PME</i>" are presented in Table 4.26 in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.</p>	✓	✓	✓
3.1 & 10.4.1	<p>Use of Movable Noise Barriers</p> <p>Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.</p>	✓	✓	✓
3.1 & 10.4.1	<p>Use of Noise Enclosure/ Acoustic Shed</p> <p>The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No. 9/2010.</p>	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
3.1 & 10.4.1	<p>Use of Noise Insulating Fabric</p> <p>Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.</p>	Obs	✓	✓
3.1 & 10.4.1	<p>Scheduling of Construction Works outside School Examination Periods</p> <p>During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.</p>	N/A No educational institutions nearby the site.	N/A No educational institutions nearby the site.	N/A No educational institutions nearby the site.
Water Quality Impact (Construction)				
4.1 & 10.5.1	<p>Construction site runoff and drainage</p> <p>The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:</p> <ul style="list-style-type: none"> At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction; 	✓	Rem	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<ul style="list-style-type: none"> Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction. 	✓	✓	✓
	<ul style="list-style-type: none"> All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times. 	Obs	✓	✓
	<ul style="list-style-type: none"> Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities. 	✓	✓	✓
	<ul style="list-style-type: none"> All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains. 	✓	✓	✓
	<ul style="list-style-type: none"> Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system. 	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<ul style="list-style-type: none"> Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers. 	✓	✓	✓
	<ul style="list-style-type: none"> Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes. 	✓	✓	✓
	<ul style="list-style-type: none"> Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries. 	N/A No bentonite slurries are used in this project.	N/A No bentonite slurries are used in this project.	N/A No bentonite slurries are used in this project.
	<p>Barging facilities and activities</p> <p>Recommendations for good site practices during operation of the proposed barging point include:</p>			
	<ul style="list-style-type: none"> All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; 	N/A No barging facilities in this project.	N/A No barging facilities in this project.	N/A No barging facilities in this project.
	<ul style="list-style-type: none"> Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation; 	N/A No barging facilities in this project.	N/A No barging facilities in this project.	N/A No barging facilities in this project.
	<ul style="list-style-type: none"> All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and 	N/A No barging facilities in this project.	N/A No barging facilities in this project.	N/A No barging facilities in this project.
	<ul style="list-style-type: none"> Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site. 	N/A No barging facilities in this project.	N/A No barging facilities in this project.	N/A No barging facilities in this project.

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
4.1 & 10.5.1	<p>Sewage effluent from construction workforce</p> <p>Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.</p>	✓	✓	✓
4.1 & 10.5.1	<p>General construction activities</p> <ul style="list-style-type: none"> Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used. Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event. 	✓	✓	✓
		✓	Obs	Obs
Waste Management Implications (Construction)				
6.1 & 10.7.1	<p>Good Site Practices</p> <p>Recommendations for good site practices during the construction activities include:</p> <ul style="list-style-type: none"> Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site Training of site personnel in proper waste management and chemical handling procedures Provision of sufficient waste disposal points and regular collection of waste Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers 	✓	✓	✓
		✓	✓	✓
		✓	✓	✓
		✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<ul style="list-style-type: none"> Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&D materials is not anticipated 	✓	✓	✓
6.1 & 10.7.1	<p>Waste Reduction Measures</p> <p>Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> Sort inert C&D material to recover any recyclable portions such as metals Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force Proper site practices to minimise the potential for damage or contamination of inert C&D materials Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of wastes 	✓	✓	✓
6.1 & 10.7.1	<p>Inert and Non-inert C&D Materials</p> <p>In order to minimise impacts resulting from collection and transportation of inert C&D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.</p> <ul style="list-style-type: none"> The surplus inert C&D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong. Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD. 	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<ul style="list-style-type: none"> The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site. 	✓	✓	✓
	<ul style="list-style-type: none"> In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site. 	✓	✓	✓
6.1 & 10.7.1	<p>Chemical Waste</p> <ul style="list-style-type: none"> If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the “Code of Practice on the Packaging Labelling and Storage of Chemical Wastes”. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation. Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended. 	✓	✓	✓
		Obs	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
6.1 & 10.7.1	<p>General Refuse</p> <p>General refuse should be stored in enclosed bins or compaction units separated from inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.</p>	✓	✓	✓
Land Contamination (Construction)				
7.1 & 10.8.1	<p>The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials.</p> <p>The following measures are proposed for excavation and transportation of contaminated material:</p> <ul style="list-style-type: none"> To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed; Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with contaminated material), provision of washing facilities and prohibition of smoking and eating on site; Stockpiling of contaminated excavated materials on site should be avoided as far as possible; 	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
	<ul style="list-style-type: none"> The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out; Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater; Truck bodies and tailgates should be sealed to stop any discharge; Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping; Speed control for trucks carrying contaminated materials should be exercised; Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354) and obtain all necessary permits where required; and Maintain records of waste generation and disposal quantities and disposal arrangements. 	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>	<p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p> <p>N/A</p> <p>TST Fire Station is out of this project boundary, no mitigation measure is required.</p>
Ecological Impact (Construction)		No mitigation measure is required.		
Landscape and Visual Impact (Construction)				

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
Table 9.1 & 10.8 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	✓	✓	✓
Table 9.1 & 10.8 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	✓	N/A Compensatory tree planting is being reviewed.	N/A Compensatory tree planting is being reviewed.
Table 9.1 & 10.8 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A Buffer trees and vertical climber will be incorporated into the project, but it has not been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.
Table 9.1 & 10.8 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A Climbing plants is designed to be planted on CSF as vertical green wall, but it has not been completed yet.	N/A Climbing or weeping plants are designed to be planted, but proposal is being reviewed for the planting location.	N/A Climbing or weeping plants are designed to be planted, but proposal is being reviewed for the planting location.
Table 9.1 & 10.8 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A Roof greening on 3/F podium has not yet been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A Along the northern perimeter, inter-planting of diverse trees forms a thick living wall to providing a sense of enclosure internally and visually buffering the large buildings to the north of the site, but it has not been completed yet.	N/A Greening along the seafront is proposed, but it has not been completed yet.	N/A Greening along the seafront is proposed, but it has not been completed yet.

EM&A Ref.	Recommendation Measures	Implementation Stage		
		M+ Museum	L1	L2
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A Various types of trees and shrubs are proposed to be planted in the planting area, but it has not been completed yet.	N/A Gardens are designed to be built, but it has not been completed yet.	N/A Gardens are designed to be built, but it has not been completed yet.
Table 9.1 & 10.8 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A A garden is designed to be planted on 3/F podium, but it has not been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.	N/A Roof garden is designed to be built, but it has not been completed yet.
Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A No marine facilities for this project.	N/A No marine facilities for this project.	N/A No marine facilities for this project.
Table 9.2 & 10.9 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓
Table 9.2 & 10.9 (MCP2)	Early introduction of landscape treatments	N/A No landscape treatments during this stage.	N/A No landscape treatments during this stage.	N/A No landscape treatments during this stage.
Table 9.2 & 10.9 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A No ventilation shafts for this project.	N/A No ventilation shafts for this project.	N/A No ventilation shafts for this project.
Table 9.2 & 10.9 (MCP4)	Control of night time lighting	✓	✓	✓
Table 9.2 & 10.9 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A No temporary open areas for this project.	N/A No temporary open areas for this project.	N/A No temporary open areas for this project.

N/A - Not Applicable

✓ - Implemented

Obs - Observed

Rem - Reminder

K. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works (i.e. 31 October 2015 for M+ Museum main works and 1 March 2016 for Lyric Theatre Complex) to the end of the reporting month and are summarised in the **Table K-1** and **Table K-2** below respectively.

Table K-1: Statistics for complaints, notifications of summons and successful prosecutions for M+ Museum Main Works

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting month	0	0	0
From 31 October 2015 to end of the reporting month (Jun 2020)	8	1	0

Table K-2: Statistics for complaints, notifications of summons and successful prosecutions for Lyric Theatre Complex

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting month	0	0	0
From 1 March 2016 to end of the reporting month (Jun 2020)	12	0	0

