MOTT MACDONALD

Development at West Kowloon Cultural District

Monthly Environmental Monitoring and Audit (EM&A) Report for March 2018

April 2018

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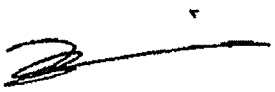
This Monthly EM&A Report has been reviewed and certified by the Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



Brian Tam
Environmental Team Leader (ETL)
West Kowloon Cultural District Authority

Date 11.4.2018

Verified by:

Fredrick Leong
Independent Environmental Checker (IEC)
Meinhardt Infrastructure & Environment Ltd

Date 11 Apr 2018

Contents

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) and L1 Contract (Contract No. CC/2017/3A/030) 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 3 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 both the main works of M+ Museum and Lyric Theatre Complex conducted from 1 March to 31 March 2018.

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 1, 9, 15, 22 and 29 March for M+ Museum and 6, 14, 21, and 26 March 2018 for Lyric Theatre Complex 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.

EPD site inspection with Contractor was conducted on 14 March 2018 at M+ Museum. No adverse comment was received with a reminder to maintain the drainage system in good condition to avoid muddy water overflowing to the sea.

Record of Complaints

One environmental complaint regarding noise (within restricted hours) and dust at M+ Museum was recorded in the reporting month.

Record of Notification of Summons and Successful Prosecutions

No notification of summons and successful prosecution were recorded in the reporting month.

Future Key Issues

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

- M+ Main Works (Podium) construction of:
  - B1/F Columns & Walls to G/F Slab
  - G/F Columns & Walls to 1/F & 1M/F Slab
  - 1/F Columns & Walls to 2/F Slab & Beam construction
  - 2/F Columns & Walls 3/F Slab
  - M+ Building Construction (Tower) for West Core, Middle Portion & East Core from 8/F to 14/F slab
  - RDE Building Construction (Tower) for Zone A, Zone B & Zone from 2/F to 5/F
  - CSF Building Construction (Tower) including Zone A & B from 4/F to 6/F slab
  - External Works
    - Seawater Outfall Pipe – CAI 105
      - Trench excavation / Inject Curtain Grout
      - Pipelines installation / Dewatering / Excavation
    - DCS Chiller Pipes – CAI 015
      - Removal of stockpile materials
      - Trench excavation / Install UU supports / Drill holes, Curtain Grouting
      - Form temporary access road / traffic diversion along seawall
      - Laying down of DN375mm pipes

The major site works for Lyric Theatre Complex scheduled to be commissioned in the coming month include:

- Excavation and lateral support works at area L06 and main cofferdam;
- Construction of steel working platform;
- Installation of Kin Post;
- Operation of barge; and
- Prepare PIW works.

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.

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) and L1 Contract (Contract No. CC/2017/3A/030) 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 3 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 both the main works of M+ Museum and Lyric Theatre Complex conducted from 1 March to 31 March 2018. 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:

- M+ Main Works (Podium) construction of
  - B1/F Columns & Walls to G/F Slab

- G/F Columns & Walls to 1/F & 1M/F Slab
- 1/F Columns & Walls to 2/F Slab
- 2/F Columns & Walls 3/F Slab
- M+ Building Construction (Tower) for M1, M2 & M3
- RDE Building Construction (Tower) of Zone A & B
- CSF Building Construction (Tower) of Zone A & B
- External Works for Seawater Outfall Pipe & DCS Chiller Pipes

During the reporting period, construction works at Lyric Theatre Complex undertaken include:

- Excavation and lateral support works at area L06 and main cofferdam;
- Construction of steel working platform;
- Installation of Kin Post; and
- Prepare PIW works.

The Construction Works Programmes of M+ Museum and Lyric Theatre Complex are provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**. Please refer to **Table 4.3** 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	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least once every 6 days
	1-Hour TSP	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least 3 times every 6 days
Noise	Leq, 30 minutes	NM1A- Podium level of 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. 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. 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 AM2A 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)
AM2A	Austin Road West opposite to The Harbourside Tower 1

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.: 245833 and 276015)

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 m^3/min. The range specified in the EM&A Manual was between 0.6-1.7 m^3/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	Podium floor of 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 Equipments

Monitoring Station	Equipment Model	
	Integrating Sound Level Meter	Calibrator
NM1A	Rion NL-18 (Serial No.00360030)	Rion NC-73 (Serial No.10486660/ 10786708)

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 AM2A 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 (μg/m^3)			Range (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
			1st Result	2nd Result	3rd Result			
AM1	03-Mar-18	8:02	42	49	51	40-70	273.7	500
	09-Mar-18	10:52	48	49	51			
	15-Mar-18	10:50	51	62	70			
	21-Mar-18	10:42	41	60	53			
	27-Mar-18	10:32	46	52	50			
	29-Mar-18	8:10	41	44	40			
AM2A	03-Mar-18	8:15	73	64	67	49-81	274.2	500
	09-Mar-18	11:04	63	49	55			
	15-Mar-18	11:02	74	71	65			
	21-Mar-18	10:54	75	61	79			
	27-Mar-18	10:44	55	69	75			
	29-Mar-18	8:22	76	81	69			

3.2.2 24-hour TSP

Results of 24-hour TSP at the monitoring location AM1 and AM2A 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 (μg/m3)	Range (μg/m3)	Action Level (μg/m3)	Limit Level (μg/m3)
AM1	03-Mar-18	08:00	39	34-40	143.6	260
	09-Mar-18	10:50	34			
	15-Mar-18	10:48	40			
	21-Mar-18	10:40	36			
	27-Mar-18	10:30	39			
	29-Mar-18	Monitoring was suspended.*				
AM2A	03-Mar-18	08:13	68	68-120	151.1	260
	09-Mar-18	11:02	76			
	15-Mar-18	11:00	108			

Monitoring Station	Monitoring Date	Start Time	Monitoring Results (µg/m3)	Range (µg/m3)	Action Level (µg/m3)	Limit Level (µg/m3)
	21-Mar-18	10:52	88			
	27-Mar-18	10:42	80			
	29-Mar-18	08:20	120			

Remarks: *24-hour TSP impact monitoring at AM1 station on 29/03/2018 was suspended due to electricity issue, monitoring was rescheduled to 03/04/2018.

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	Leq (30 mins), dB(A)	Limit Level for Leq (dB(A))
09-Mar-18	14:00	14:30	68	75
15-Mar-18	14:00	14:30	68	
21-Mar-18	14:00	14:30	68	
27-Mar-18	14:00	14:30	68	

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

No exceedance (Action/Limit Level) of construction noise was recorded in the reporting period as no noise related environmental complaint was received during the reporting period and noise levels recorded during the monitoring period were below 75 dB(A).

Construction works were extended to holidays on 4, 11, 18 and 25 March 2018. In accordance with the EM&A Manual, additional monitoring was carried out during the restricted hours on 4, 11, 18 and 25 March 2018. All the L_{eq} (5 mins) is in the range of 59-60 dB(A). Major noise source includes traffic. Construction Noise Permits for the works carried out during restricted hours were obtained and listed in **Table 4.3**.

3.4 Landscape and Visual Impact

Landscape and visual impact inspections were conducted as part of the weekly site inspections on 1, 15 and 29 March 2018 for M+ Museum and 14 and 26 March 2018 for Lyric Theatre Complex 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 are 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 1, 9, 15, 22 and 29 March 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 22 March 2018. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary. The key observations from the site inspections and associated recommendations are summarized in **Table 4.1**.

EPD site inspection was conducted on 14 March 2018. They conducted a routine inspection and inspected the flood prevention measures at seafront and wastewater treatment facilities. No adverse comment was received. The contractor was reminded to maintain the drainage system in good condition to avoid muddy water overflowing to the sea.

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

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
1 Mar 2018	Waste management	The Contractor was reminded to clean the haul road at Gate No. 1 regularly to remove dirt trail from departing site vehicles.	The contractor has cleaned the haul road at Gate 1 to remove dirt trails and made sure the vehicles' wheels are properly washed before leaving site.	3 Mar 2018
1 Mar 2018	Water quality	Effluent quality of wetsep no.1 was checked. They were found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A
9 Mar 2018	Air quality	Uncovered cement bags were found at B1. The contractor was reminded to well cover them with impervious sheeting to reduce dust impact.	The contractor has removed the uncovered cement bags at B1.	15 Mar 2018
9 Mar 2018	Waste management	Chemical containers at B1 were found without drip tray. The contractor was reminded to provide drip tray for the chemical containers or remove them if not in use.	The contractor has removed the chemical containers previously observed without drip tray at B1.	15 Mar 2018
9 Mar 2018	Air quality	The haul road near tower crane no. 4 was found dry and dusty. The contractor was reminded to enhance water spraying frequency to suppress dust.	The contractor has enhanced the water spraying frequency at the haul road near tower crane no.4.	15 Mar 2018
9 Mar 2018	Water quality	Effluent quality of wetsep no.1 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A
15 Mar 2018	Air quality	Cement bags were found without proper cover at B1 and B2. The contractor was reminded to well cover them impervious sheeting to reduce dust impact.	The contractor has covered the cement bags at B2 with impervious sheeting and removed the cement bags at B1.	21 Mar 2018
15 Mar 2018	Water quality	Some pumps were found disconnected at B2. The contractor was reminded to	The contractor has provided pump at B2.	16 Mar 2018

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
		review the drainage arrangement at B2 and ensure sufficient pumps are provided to pump out runoff during rainy season.		
15 Mar 2018	Air quality	No labour was found during inspection for providing wheel washing at Gate 1. The contractor was reminded to deploy labour for wheel washing at Gate 1.	The contractor has deployed labour at Gate 1 for wheel washing and haul road washing.	16 Mar 2018
15 Mar 2018	Water quality	Effluent quality of wetsep no.1 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A
22 Mar 2018	Air quality	Cement bags at various area were found without proper cover. The contractor was reminded to well cover them with impervious sheeting to reduce dust impact.	The contractor has either covered the cement bags with impervious sheeting or removed them off site.	29 Mar 2018
22 Mar 2018	Air quality	Working area at B2 was found dusty. The contractor was reminded to provide proper dust suppression measures.	The air quality of working area at B2 was found acceptable. The contractor has implemented dust mitigation measures, such as water spraying for dusty construction activities.	29 Mar 2018
22 Mar 2018	Water quality	Mud was found accumulated at wheel washing area at Gate 3. The contractor was reminded to remove the mud regularly.	The contractor has removed the mud accumulated at wheel washing area at Gate 3.	29 Mar 2018
22 Mar 2018	Water quality	Effluent quality of wetsep no.2 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A
29 Mar 2018	Water quality	Effluent quality of wetsep no.1 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A

4.1.2 Lyric Theatre Complex

Construction phase weekly site inspections were carried out on 6, 14, 21, and 26 March 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 21 March 2018. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary.

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

Table 4.2: Summary of Site Inspections and Recommendations for Lyric Theatre Complex

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
28 Feb 2018	Water quality	No net was observed at the new Wetsep. The Contractor was reminded to install a net at the outlet of Wetsep in order to screen the suspended object if any.	The contactor has installed a net at outlet in order to screen the suspended object if any.	5 Mar 2018
6 Mar 2018	Air Quality	Contractor was reminded to cover the stockpile to avoid dust.	The contactor has covered the stockpile to avoid dust.	12 Mar 2018

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
6 Mar 2018	Waste Management	Hole at drip tray was observed. Contractor was reminded to plug the drip tray properly to avoid leakage.	The contractor had plugged the drip tray properly to avoid leakage	12 Mar 2018
21 Mar 2018	Air Quality	The Contractor was reminded to cover the stockpile once the construction work is finished.	Stockpile had been covered to avoid dust impact.	26 Mar 2018
21 Mar 2018	Water Quality	Turbid water was observed at Wetsep. The Contractor was reminded to clear the suspended solid in order to keep good quality of discharge water.	Suspended solid at Wetsep was cleared to keep good quality of discharge water.	26 Mar 2018
26 Mar 2018	Waste Management	Oil leakage was observed in one of the containers. Contractor was reminded to remedy the situation and clean the contaminated mud.	Oil leakage was remedied and contaminated mud was cleaned.	29 Mar 2018

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, 65.07 tonnes, 163.12 tonnes and 873.91 tonnes of inert C&D material were disposed of as public fill to Chai Wan Public Fill Barging Point, Tuen Mun Area 38 and Tseung Kwan O Area 137 Public Fill respectively, while 264.1 tonnes of general refuse were disposed of at SENT landfill. 23.8 tonnes of metals, 0 tonne of paper/cardboard packaging, 0 tonne of plastic and 50.0 tonnes of timber were collected by recycling contractors in the reporting month. 0 tonne of inert C&D materials was reused on site. 0 tonne of inert C&D materials were reused in other projects and 404.9 tonnes of inert C&D materials were disposed to sorting facility. 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 M+ Museum in the reporting month are shown in **Appendix I**.

4.2.2 Lyric Theatre Complex

As advised by the Contractor, 52.46 tonnes and 296.66 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38, while 17.6 tonnes of general refuse were disposed of at SENT landfill. 0 tonne of metals, 0 tonne of paper/cardboard packaging, 0 tonne of plastic and 0 tonne of timber were collected by recycling contractors in the reporting month. 0 tonne of inert C&D materials was reused on site. 5,610.1 tonnes of inert C&D materials were reused in other projects and 0 tonne of inert C&D materials were disposed to sorting facility. 600.0 tonnes 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 4.3-4.4**.

4.3.1 M+ Museum

Table 4.3: 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				
5213-217-H2913-45	05-Nov-15	--	Valid	--
Billing Account Construction Waste Disposal				
7023393	13-Oct-15	--	Account Active	--
Construction Noise Permit				
GW-RE0999-17	2-Jan-18	1-Apr-18	Valid	--
Wastewater Discharge License				
WT00023633-2016	4-Mar-16	31-Mar-21	Valid	--
Notification under Air Pollution Control (Construction Dust) Regulation				
394083	7-Oct-15	--	Notified	--

4.3.2 Lyric Theatre Complex

Table 4.4: Status of Environmental Submissions, Licenses and Permits for Lyric Theatre Complex

Permit / License No. / Notification / Reference No.	Valid Period		Status	Remarks
	From	To		
Chemical Waste Producer Registration				
5213-217-G2347-39	17-Feb-16	--	Valid	--
Billing Account Construction Waste Disposal				
7029925	22-Jan-18	--	Account Active	--
Construction Noise Permit				
GW-RE0844-17	14-Nov-17	13-May-18	Cancelled on 30-Mar-18	--
GW-RE0237-18	30-Mar-18	29-Sep-18	Valid	
Wastewater Discharge License				
WT00023648-2016	24-Jul-17	31-Mar-21	Valid	--
Notification under Air Pollution Control (Construction Dust) Regulation				
429708	16-Jan-18	--	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

Chemical and Waste Management

- Oil drums and chemical containers should be provided with drip trays to prevent leakage of chemical wastes.
- Dirt trail on haul road from departing site vehicles should be regularly cleaned.

Air Quality

- Maintain high standard of housekeeping to prevent emission of fugitive dust.
- Stockpile of dusty materials/ cement bags should be well covered by impervious sheeting to reduce dust impact.
- Dust suppression measures, such as water spraying, should be provided to dusty construction activities.
- Regular water spraying for haul roads should be provided for dust suppression.
- Sufficient labour should be deployed to carry out wheel washing for all vehicles before leaving site.

Water Quality

- Sufficient pumps should be provided to remove the site runoff during rainy season.
- Wheel washing area should be properly maintained, such as regular removal of mud, to ensure efficient operation.

4.4.2 Lyric Theatre Complex

Air Quality

- Stockpile of dusty materials should be covered by impervious sheeting to reduce dust impact.

Water Quality

- All drainage facilities and erosion and sediment control structures should be properly maintained to ensure proper and efficient operation at all times and particularly during rainstorms.

Chemical and Waste Management

- Containers used for the storage of chemical wastes should be kept in good condition and properly maintained to avoid leakage of chemical waste.
- Trip tray should be plugged to avoid leakage of chemical waste.

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 February 2018	14 March 2018

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

One environmental complaint regarding noise (within restricted hours) and dust at M+ Museum was recorded on 15 March 2018. The complainant claimed that there were vehicles constantly entering and leaving the Hsin Chong Construction Site at WKCD Eastern Exit at 8pm, which generated noise and dust nuisance. Investigation has been conducted which revealed that the recent works during restricted hours were mainly indoor E&M installation works on site, without any outdoor works. The Contractor has already obtained a CNP for the restricted hours works and has been carrying out the works as per the CNP requirement. Also, various dust mitigation measures have been implemented on-site. Moreover, the Contractor has been carrying out additional 24-hour TSP monitoring near the WKCD Eastern Exit since the construction works began. There were no exceedances of 24-hour TSP (Action and Limit Level) found on 3, 9 and 15 March 2018, indicating the air quality around the monitoring station was acceptable.

It should be noted that besides the Hsin Chong construction site, the WKCD Eastern Exit is shared among a few other construction sites for vehicle access. The other construction sites may have also contributed to the noise and dust nuisance during restricted hours. However, the Contractor has been reminded to continue to strictly implement noise and dust mitigation measures on-site to reduce noise and dust impacts. The recommended noise and dust mitigation measures include (1) restrict and monitor entry of vehicles during restricted hours; (2) arrange noisy works to be conducted during non-restricted hours; (3) make sure works during restricted hours comply with CNP requirements; (4) wash vehicles to remove any dusty material before leaving the site; (5) ensure the mechanical cover of dump trucks are properly closed for transportation of dusty material; and (6) keep the haul road and site entrances wet by spraying water with hose.

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 prosecution 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 scheduled to be commissioned in the coming month include:

- M+ Main Works (Podium) construction of:
  - B1/F Columns & Walls to G/F Slab
  - G/F Columns & Walls to 1/F & 1M/F Slab
  - 1/F Columns & Walls to 2/F Slab & Beam construction
  - 2/F Columns & Walls 3/F Slab
  - M+ Building Construction (Tower) for West Core, Middle Portion & East Core from 8/F to 14/F slab
  - RDE Building Construction (Tower) for Zone A, Zone B & Zone from 2/F to 5/F
  - CSF Building Construction (Tower) including Zone A & B from 4/F to 6/F slab
  - External Works
    - Seawater Outfall Pipe – CAI 105
      - Trench excavation / Inject Curtain Grout
      - Pipelines installation / Dewatering / Excavation
    - DCS Chiller Pipes – CAI 015
      - Removal of stockpile materials
      - Trench excavation / Install UU supports / Drill holes, Curtain Grouting
      - Form temporary access road / traffic diversion along seawall
      - Laying down of DN375mm pipes

7.1.2 Lyric Theatre Complex

The major site works for Lyric Theatre Complex scheduled to be commissioned in the coming month include:

- Excavation and lateral support works at area L06 and main cofferdam;
- Construction of steel working platform;
- Installation of Kin Post;
- Operation of barge; and
- Prepare PIW works.

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 Leq, 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.

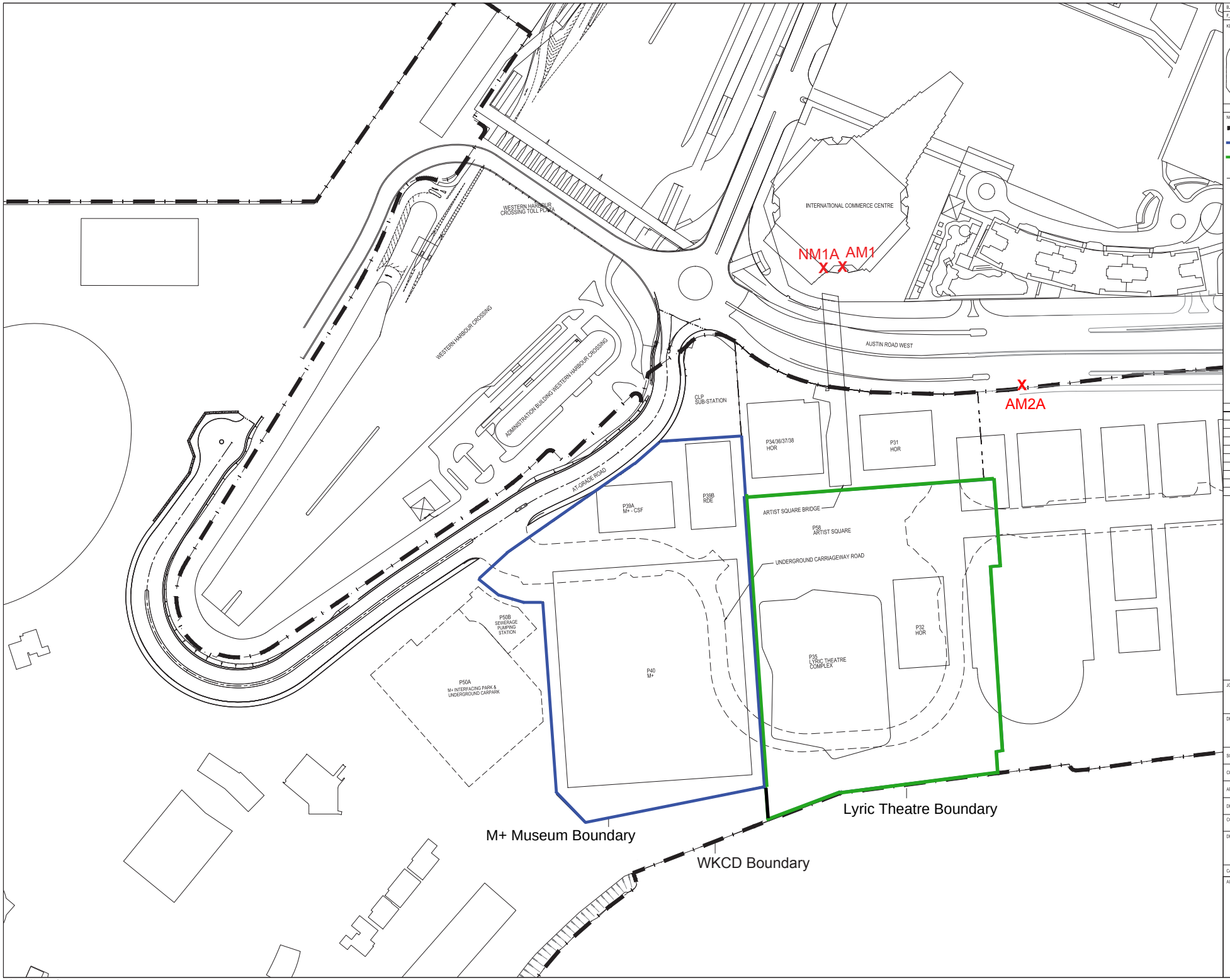
One environmental complaint regarding noise (within restricted hours) and dust at M+ Museum was recorded in the reporting month. No notifications of summons or successful prosecution were received during the reporting month.

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



B.D. REF:

F.S.D. REF:

KEY PLAN

KEY PLAN

NOTES:

WKCD BOUNDARY

M+ MUSEUM BOUNDARY

LYRIC THEATRE BOUNDARY

BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD

X CONSTRUCTION AIR/NOISE MONITORING STATION

REV.	DATE	DESCRIPTION	INITIAL

JOB TITLE: **M+ MUSEUM FOR VISUAL CULTURE (MAIN CONTRACT WORKS) & LYRIC THEATRE COMPLEX**

DRAWING TITLE: **PROPOSED LOCATIONS OF CONSTRUCTION AIR/NOISE MONITORING STATIONS**

SCALE	1:100	PRINTED	A1
CHECKED		DATE	
APPROVED		DATE	
DRAWN	TY	DATE	16-10-2015

CONTRACT NO.

DRAWING NO. **FIGURE 1** REV. XA

CAD REF NAME: XXXXX-AUT-PMS-DWG-P00-L000-0000-XXX.dwg

AUTHORITY

westKowloon 西九文化區

A1 (841mm x 594mm) Sheet Size

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
H. Meteorological Data Extracted from Hong Kong Observatory
I. Waste Flow table
J. Environmental Mitigation Measures – Implementation Status
K. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

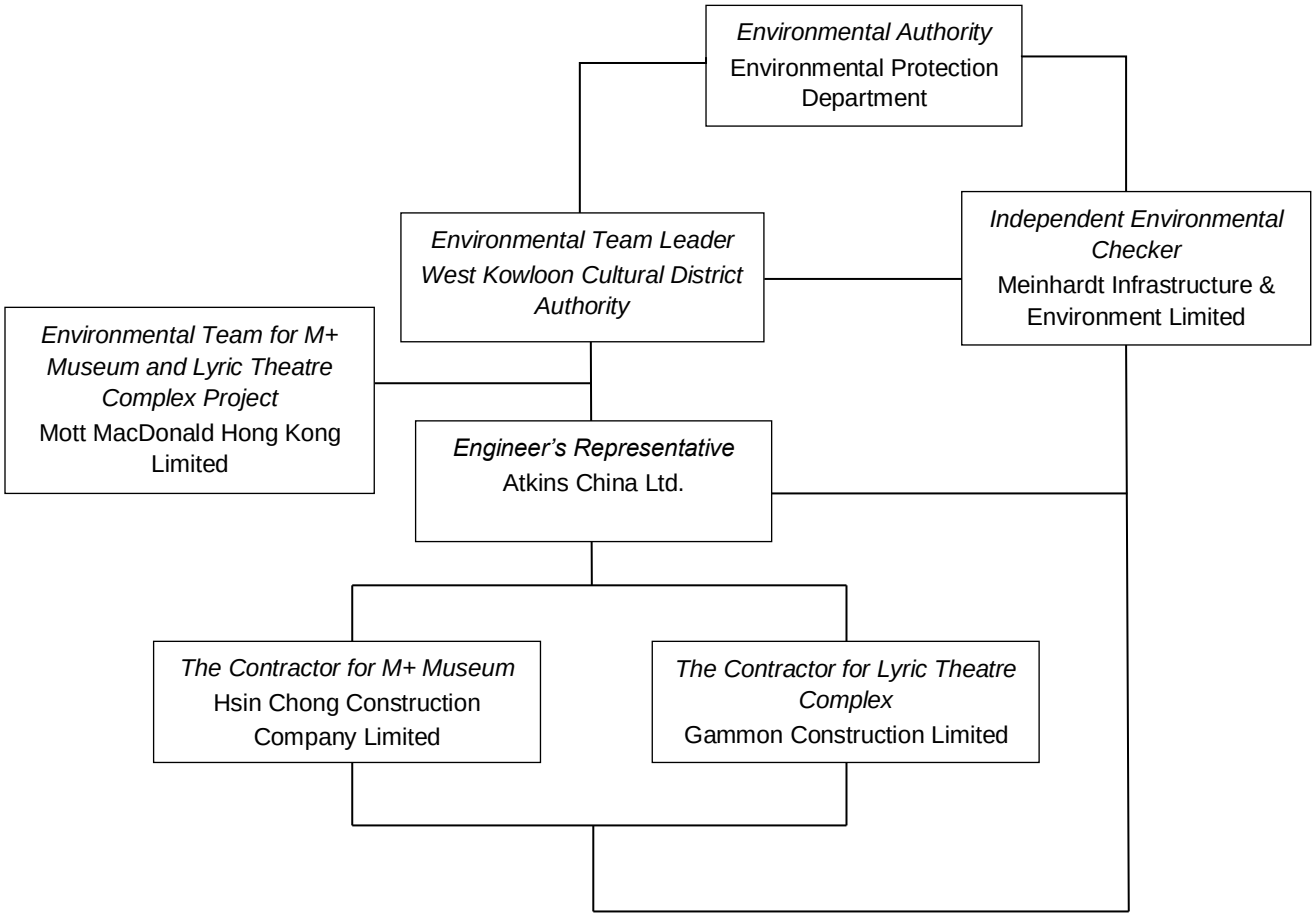


Table A-1: Contact information

Company Name	Role	Name	Telephone
Atkins China Ltd.	Assistant Resident Engineer	Ms. Gloria Lui	5506 6361
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Mr. Fredrick Leong	2859 1739
Hsin Chong Construction Company Limited	Environmental Manager	Mr. Andy Leung	9016 2503
Gammon Construction Limited	Environmental Manager	Ms. Michelle Tang	9267 8866
Mott MacDonald Hong Kong Ltd.	Contractor's Environmental Team Leader	Mr Brandon Wong	2828 5875
West Kowloon Cultural District Authority	Senior Environmental Specialist	Mr. Brian Tam	2200 0059

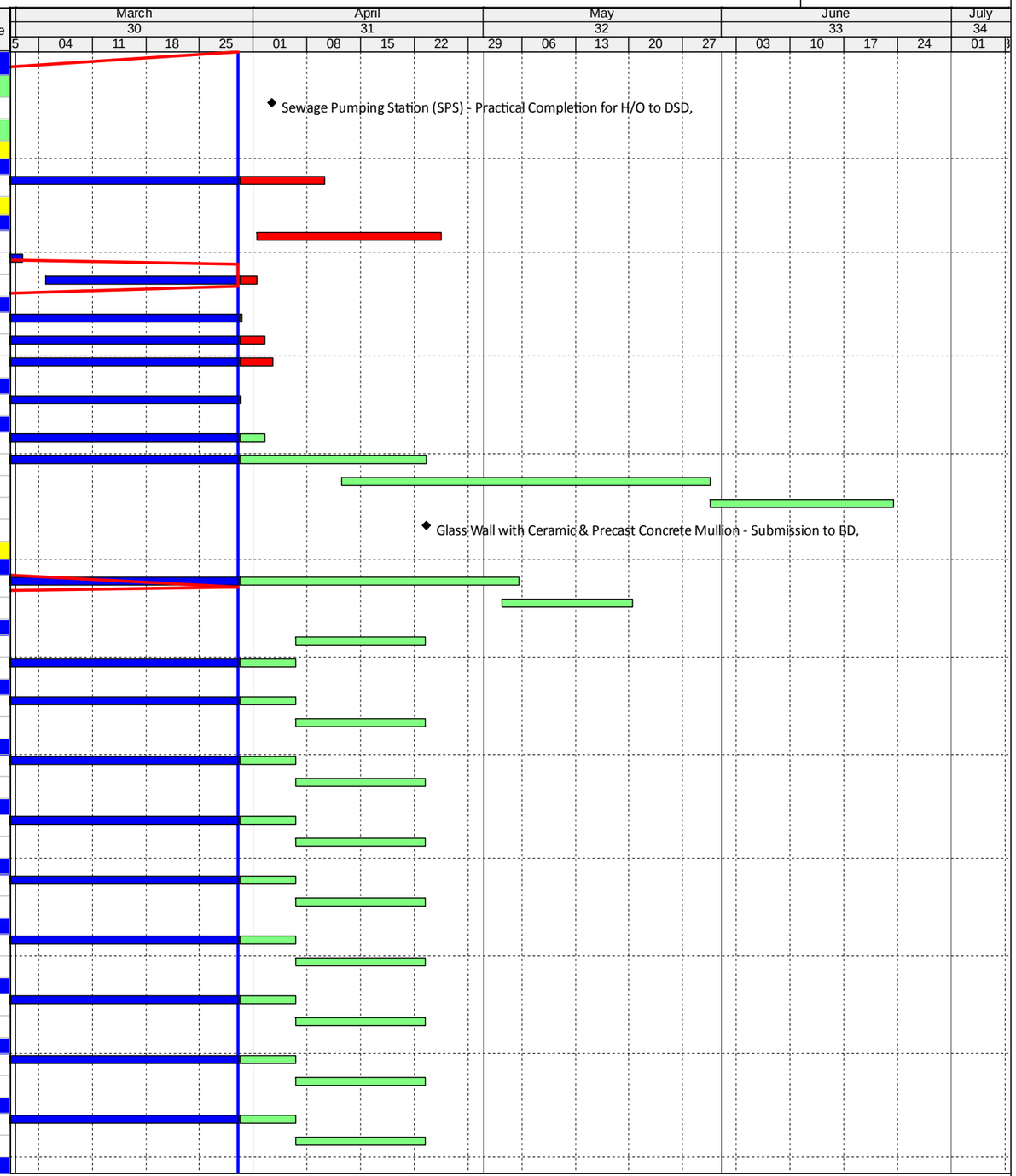
B. Tentative Construction Programme

M+ Museum

Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
3MRP-30 Three Months Rolling Programme Status at 31 Mar 2018									
Forecast Completion Dates									
KD01	Sewage Pumping Station (SPS) - Practical Completion for H/	0		11-Dec-17		03-Apr-18*	100%	0%	-113
M+ Podium & Tower FACADE Preliminaries									
SHOP DRAWING SUBMISSIONS FACADE SYSTEM & EMBEDS									
SHOP DRAWING - Metal Cladding FAC-LV-01a/FAC-LV-01b (Additional Scope)									
A51430	2nd Shopdrawing Submission - Review & Approval	17	25-Oct-17	01-Nov-17	12-Feb-18 A	10-Apr-18	100%	34%	-160
BD SUBMISSIONS FACADE SYSTEM & EMBEDS									
BD Submission - Garden Gallery Ceramic Cladding System & Embed									
A51790	Garden Gallery Ceramic - Consent	24	10-Nov-17	20-Nov-17	01-Apr-18	25-Apr-18	100%	0%	-156
A51780	Garden Gallery Ceramic - BD Approval (1st Batch)	50	20-Oct-17	10-Nov-17	05-Apr-17 A	02-Mar-18 A	100%	100%	-112
A51785	Garden Gallery Ceramic - BD Approval (2nd Batch)	0			05-Mar-18 A	01-Apr-18	0%	95%	
BD Submission - Glass Wall with T Mullion System & Embed									
A51830	2nd Submission - Review & Approval by MJV (w/ RSE Endo	2	20-Oct-17	21-Oct-17	05-Jun-17 A	30-Mar-18	100%	95%	-160
A51860	Glass Wall with T Mullion - BD Approval	7	20-Oct-17	23-Oct-17	05-Jun-17 A	02-Apr-18	100%	85%	-162
A51870	Glass Wall with T Mullion - Concent	5	23-Oct-17	25-Oct-17	05-Jun-17 A	03-Apr-18	100%	80%	-161
BD Submission - Strip Glazing at Skylight Gallery & Plaza Skylight at L3 System & Embed									
A51950	Strip Glazing at Skylight Gallery & Plaza Skylight - Concent	24	20-Oct-17	30-Oct-17	09-Sep-17 A	30-Mar-18	100%	99%	-151
BD Submission - Glass Wall with Ceramic/Precast Concrete Mullion, Concrete Tube & Perforated Claddin									
A51980	2nd Submission	12	20-Oct-17	25-Oct-17	26-Dec-17 A	02-Apr-18	100%	76%	-159
A51990	2nd Submission - Review & Approval by MJV (w/ RSE Endo	17	25-Oct-17	01-Nov-17	02-Jan-18 A	23-Apr-18	100%	21%	-174
A52010	Glass Wall with Ceramic & Precast Concrete Mullion - BD Apl	48	01-Nov-17	21-Nov-17	12-Apr-18	30-May-18	100%	0%	-191
A52020	Glass Wall with Ceramic & Precast Concrete Mullion - Concer	24	21-Nov-17	01-Dec-17	30-May-18	23-Jun-18	100%	0%	-205
A52000	Glass Wall with Ceramic & Precast Concrete Mullion - Submi:	0		01-Nov-17		23-Apr-18	100%	0%	-138
SHOPDRAWING SUBMISSIONS - FACADE DOORS									
Facade Doors Package #1 - Glazed door between Ceramic Concrete Mullion - Total No. of Doors = 53									
A65210	1st Shopdrawing Submission	0			17-Feb-18 A	05-May-18	0%	36%	
A52130	1st Shopdrawing Submission - Review & Approval	17	30-Oct-17	06-Nov-17	03-May-18	20-May-18	100%	0%	-195
Facade Doors Package #2 - Sliding door at L3 Storefront - Total No. of Doors = 4									
A52200	2nd Shopdrawing - Review & Approval	17	12-Nov-17	19-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-155
A52190	2nd Shopdrawing Submission	12	07-Nov-17	12-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-146
Facade Doors Package #3 - Swing Door at L3 Cafe- Total No. of Doors = 1									
A52230	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52250	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #4 - Swing Door mounted in GW with T Mullion - Total No. of Doors = 29									
A52280	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52290	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #5 - Large double door at B1 Transformer Room - Total No. of Doors = 1									
A52320	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52340	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #6 - B1 Exit Door - Total No. of Doors = 7 (7 x Manual)									
A52370	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52380	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #7 - Garden Gallery Door - Total No.of Doors = 2 (2 x Manual)									
A52410	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52430	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #8 - Doors located in Metal Cladding - Total No.of Doors =20 (20 x Manual)									
A52460	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	23-Feb-18 A	06-Apr-18	100%	36%	-147
A52470	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #9 - GF Lobby Access Door in Ceramic Tube - Total No.of Doors = 8									
A52500	2nd Shopdrawing Submission	12	06-Nov-17	11-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-147
A52520	2nd Shopdrawing Submission - Review & Approval	17	11-Nov-17	18-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-156
Facade Doors Package #10 - B1 Carriageway Access Panel & Doors - Total No. of Doors = 24									
A52550	2nd Shopdrawing Submission	12	16-Nov-17	21-Nov-17	16-Feb-18 A	06-Apr-18	100%	36%	-137
A52560	2nd Shopdrawing Submission - Review & Approval	17	21-Nov-17	28-Nov-17	06-Apr-18	23-Apr-18	100%	0%	-146
Facade Doors Package #12 - B1 Smoke Vent Panel - Total No. of Doors = 1									



Remaining Level of Effort
Actual Level of Effort
Milestone
Critical Milestone
Actual Work
Remaining Work
Critical Remaining Work
Actual Milestone
Project Baseline
Project LoE Baseline
Baseline Milestone

West Kowloon Cultural District Authority

M+ Contractor's Main Works Programme CMWP - (Rev. 0 - Draft 8)

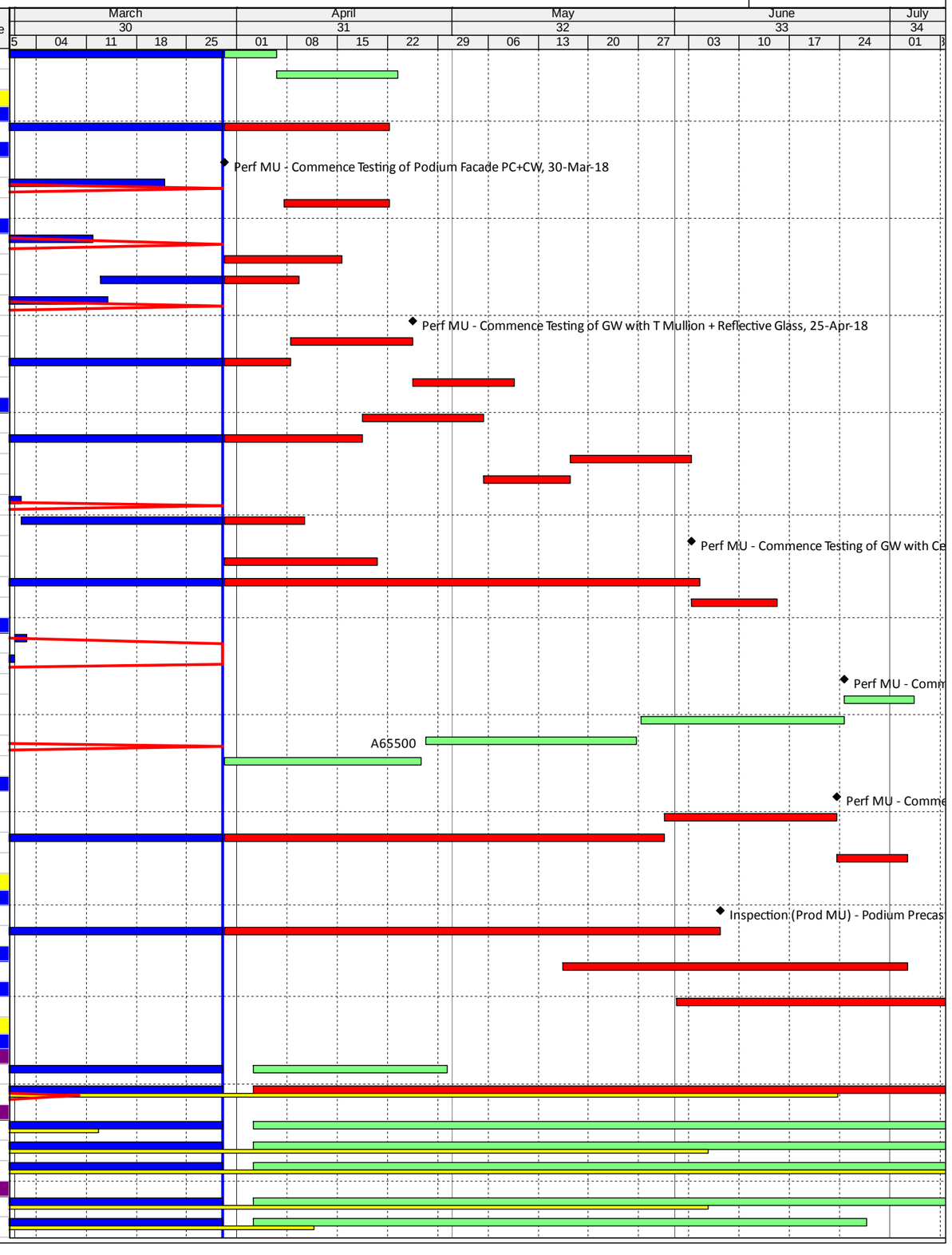
HSIN新昌 CHONG

Date	Revision	Checked	Approved
31-Oct-17	3MRP-M25_31 Oct 17	Sam T	Chris Chau / Ricky Lau
31-Dec-17	3MRP-M27_31 Dec 17	Robby Y.	Chris Chau / Ricky Lau
30-Jan-18	3MRP-M28_30 Jan 18	Robby Y.	Chris Chau / Ricky Lau
28-Feb-18	3MRP-Mth29_28 Feb 18	Robby Y	Chris Chau / Ricky Lau
31-Mar-18	3MRP-Mth30_31 Mar 18	Robby Y.	Chris Chau / Ricky Lau

Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

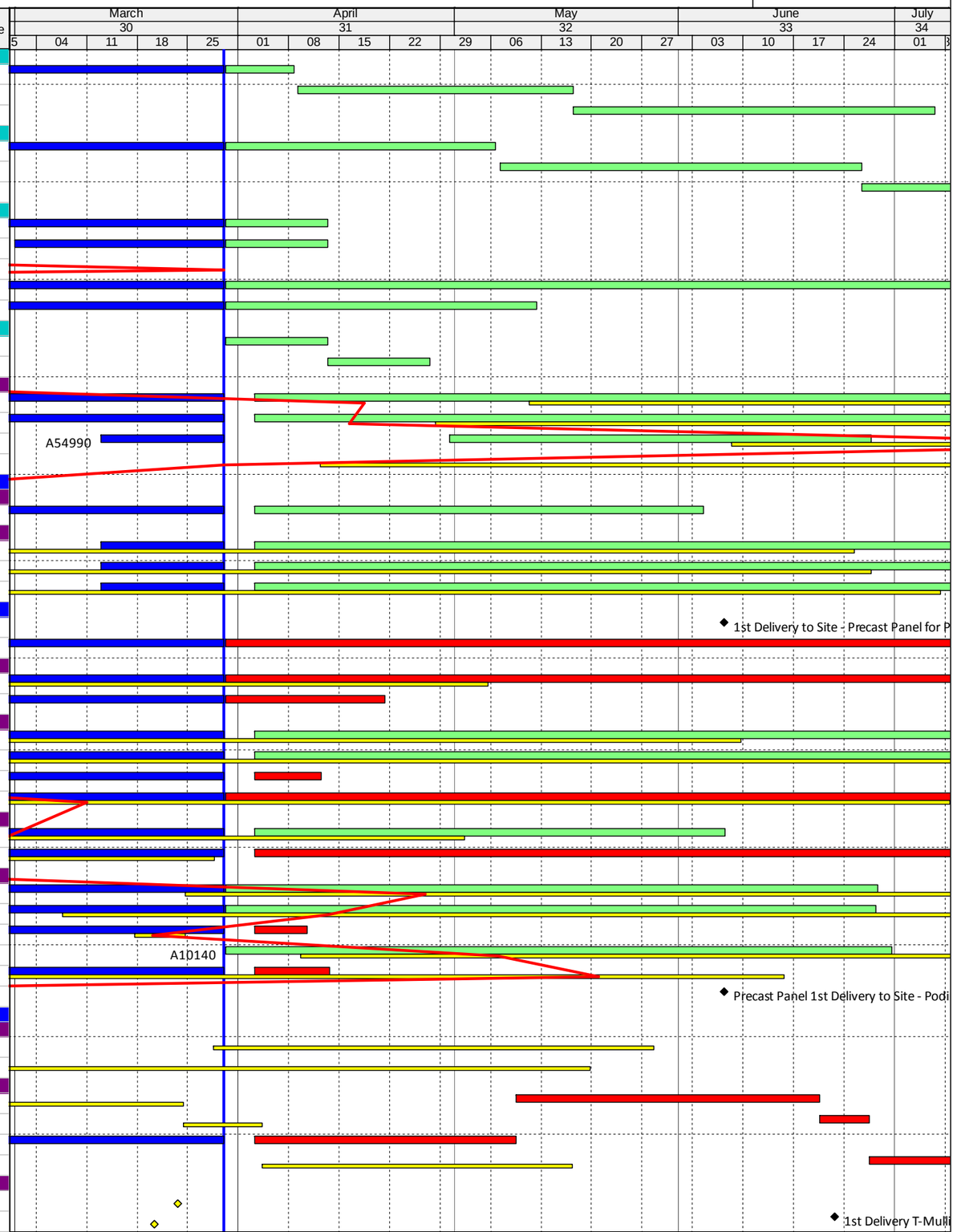
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A52600	2nd Shopdrawing Submission	12	02-Dec-17	07-Dec-17	16-Feb-18 A	06-Apr-18	100%	36%	-121
A52610	2nd Shopdrawing Submission - Review & Approval	17	07-Dec-17	14-Dec-17	06-Apr-18	23-Apr-18	100%	0%	-130
PERFORMANCE TEST - SHOPDRAWING SUBMISSION, FABRICATION, INSTALLATION & TEST									
PMU SHOPDRAWING SUBMISSION & TEST - Tower Facade Precast Panel									
A54645	Perf MU - Testing & Report Submission of Tower Precast Cor	24	27-Oct-17	06-Nov-17	01-Nov-17 A	22-Apr-18	100%	36%	-167
PMU SHOPDRAWING SUBMISSION & TEST - Podium Facade Precast Panel									
A54670	Perf MU - Commence Testing of Podium Facade PC+CW	0	28-Oct-17		30-Mar-18		100%	0%	-153
A54660	Perf MU - Podium Facade Precast Concrete + Curtain Wall In	19	20-Oct-17	28-Oct-17	02-Jan-18 A	22-Mar-18 A	100%	100%	-145
A54680	Perf MU - Testing & Report Submission of Podium Facade P(	14	31-Oct-17	06-Nov-17	07-Apr-18	22-Apr-18	100%	0%	-167
PMU SHOPDRAWING SUBMISSION & TEST - Kinked Glass with T Mullion									
A55210	Perf MU - 1st GW with T Mullion Test Proposal Review & Ap	17	07-Nov-17	14-Nov-17	26-Feb-18 A	12-Mar-18 A	100%	100%	-118
A55230	Perf MU - 2nd GW with T Mullion Test Proposal Review & Ap	17	19-Nov-17	26-Nov-17	30-Mar-18	15-Apr-18	100%	0%	-141
A55220	Perf MU - 2nd GW with T Mullion Test Proposal Submission	12	14-Nov-17	19-Nov-17	13-Mar-18 A	09-Apr-18	100%	10%	-142
A52740	Perf MU - 2nd Shopdrawing Submission - Review & Approv	17	26-Oct-17	02-Nov-17	16-Feb-18 A	14-Mar-18 A	100%	100%	-132
A54720	Perf MU - Commence Testing of GW with T Mullion + Reflect	0	29-Nov-17		25-Apr-18		100%	0%	-147
A54710	Perf MU - GW with T Mullion + Reflective Glass Installation	17	22-Nov-17	29-Nov-17	08-Apr-18	25-Apr-18	100%	0%	-147
A54700	Perf MU - GW with T Mullion + Reflective Glass Ordering & P	48	02-Nov-17	22-Nov-17	04-May-17 A	08-Apr-18	100%	79.31%	-138
A54730	Perf MU - Testing & Report Submission of GW with T Mullio	14	29-Nov-17	05-Dec-17	25-Apr-18	09-May-18	100%	0%	-156
PMU SHOPDRAWING SUBMISSION & TEST - Glass Wall with Ceramic Mullions at GF									
A55250	Perf MU - 1st GW with Ceramic Mullion Test Proposal Revie	17	01-Nov-17	08-Nov-17	18-Apr-18	05-May-18	100%	0%	-178
A55240	Perf MU - 1st GW with Ceramic Mullion Test Proposal Subm	10	28-Oct-17	01-Nov-17	16-Jan-18 A	18-Apr-18	100%	32%	-168
A55270	Perf MU - 2nd GW with Ceramic Mullion Test Proposal Revie	17	13-Nov-17	20-Nov-17	17-May-18	03-Jun-18	100%	0%	-195
A55260	Perf MU - 2nd GW with Ceramic Mullion Test Proposal Subn	12	08-Nov-17	13-Nov-17	05-May-18	17-May-18	100%	0%	-185
A52770	Perf MU - 2nd Shopdrawing Submission	2	20-Oct-17	21-Oct-17	18-May-17 A	02-Mar-18 A	100%	100%	-132
A52780	Perf MU - 2nd Shopdrawing Submission - Review & Approv	17	21-Oct-17	28-Oct-17	02-Mar-18 A	10-Apr-18	100%	32%	-164
A54760	Perf MU - Commence Testing of GW with Ceramic Mullion G	0	05-Dec-17		03-Jun-18		100%	0%	-179
A54750	Perf MU - GW with Ceramic Mullion G/F Installation	22	26-Nov-17	05-Dec-17	30-Mar-18	20-Apr-18	100%	0%	-136
A54740	Perf MU - GW with Ceramic Mullion G/F Production & Fabri	82	23-Oct-17	26-Nov-17	04-Nov-17 A	04-Jun-18	100%	2%	-190
A54770	Perf MU - Testing & Report Submission of GW with Ceramic	12	05-Dec-17	10-Dec-17	03-Jun-18	15-Jun-18	100%	0%	-186
PMU SHOPDRAWING SUBMISSION & TEST - Vertical Glass Wall at Skylight Gallery									
A55310	Perf MU - 2nd Vertical GW Skylight Gallery Test Proposal Rev	17	25-Oct-17	01-Nov-17	01-Mar-18 A	02-Mar-18 A	100%	100%	-122
A55300	Perf MU - 2nd Vertical GW Skylight Gallery Test Proposal Sut	12	20-Oct-17	25-Oct-17	26-Dec-17 A	01-Mar-18 A	100%	100%	-127
A54840	Perf MU - Commence Testing of Vertical Glass Wall Skylight (	0	25-Nov-17		24-Jun-18		100%	0%	-212
A54850	Perf MU - Testing & Report Submission of Vertical Glass Wal	10	25-Nov-17	29-Nov-17	24-Jun-18	04-Jul-18	100%	0%	-217
A54830	Perf MU - Vertical Glass Wall Skylight Gallery Installation	29	13-Nov-17	25-Nov-17	27-May-18	24-Jun-18	100%	0%	-212
A65500	Perf MU - Vertical Glass Wall Skylight Gallery Production & F	0			27-Apr-18	26-May-18	0%	0%	
A54820	Perf MU - Vertical Glass Wall Skylight Gallery Production & F	58	20-Oct-17	13-Nov-17	30-Mar-18	26-Apr-18	100%	0%	-165
PMU SHOPDRAWING SUBMISSION & TEST - Plaza Skylight 3/F Terrace									
A54800	Perf MU - Commence Testing of Plaza Skylight 3/F Terrace	0	09-Nov-17		23-Jun-18		100%	0%	-227
A54790	Perf MU - Plaza Skylight 3/F Terrace Installation	24	30-Oct-17	09-Nov-17	30-May-18	23-Jun-18	100%	0%	-227
A54780	Perf MU - Plaza Skylight 3/F Terrace Production & Fabricatio	24	20-Oct-17	30-Oct-17	04-May-17 A	30-May-18	100%	34%	-213
A54810	Perf MU - Testing & Report Submission of Plaza Skylight 3/F	10	09-Nov-17	13-Nov-17	23-Jun-18	03-Jul-18	100%	0%	-232
PRODUCTION MOCK UP & INSPECTION									
Prod MU - Podium Facade Precast Panel									
A55390	Inspection (Prod MU) - Podium Precast Concrete & Curtain '	0	21-Nov-17		07-Jun-18		100%	0%	-198
A55380	Podium Precast Concrete & Curtain Wall Prod MU	36	06-Nov-17	21-Nov-17	02-Jan-18 A	07-Jun-18	100%	36%	-198
Prod MU - Kinked Glass with T Mullion									
A55400	GW with T Mullion (Kinked & Straight) Prod MU	48	05-Dec-17	25-Dec-17	16-May-18	03-Jul-18	100%	0%	-190
Prod MU - Vertical Glass Wall at Skylight Gallery									
A55440	Vertical GW with Skylight Gallery Prod MU	48	29-Nov-17	19-Dec-17	01-Jun-18	19-Jul-18	100%	0%	-212
FABRICATION & DELIVERY OF M+ TOWER & PODIUM FACADE SYSTEM									
01A Tower Facade PC+CW (Bulk)									
Glass Production & Fabrication									
A54450	Coated Glass Production	23	27-Oct-17	23-Nov-17	19-Nov-16 A	30-Apr-18	100%	77%	-124
A54460	Fabrication of Glass Panel	128	15-Jan-18	23-Jun-18	03-Mar-17 A	19-Jul-18	47.66%	32%	-20
CW Glazed Panel Production & Fabrication									
A54910	Aluminium Extrusion Production	116	20-Oct-17	12-Mar-18	19-Jun-17 A	17-Jul-18	100%	52%	-101
A54920	Application of PVF2 Coating	151	28-Nov-17	05-Jun-18	02-Dec-17 A	21-Jul-18	65.56%	50.28%	-38
A54860	Fabrication & Assemble of Curtain Wall Unit	170	09-Dec-17	12-Jul-18	23-Dec-17 A	18-Oct-18	51.96%	15%	-81
Terracotta Production									
A54950	Delivery to Precast Factory	179	25-Oct-17	05-Jun-18	22-Jun-17 A	14-Sep-18	70.95%	45%	-85
A54940	Terracotta Production - Tower (Bulk)	138	20-Oct-17	11-Apr-18	17-Mar-17 A	27-Jun-18	94.93%	30%	-63



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

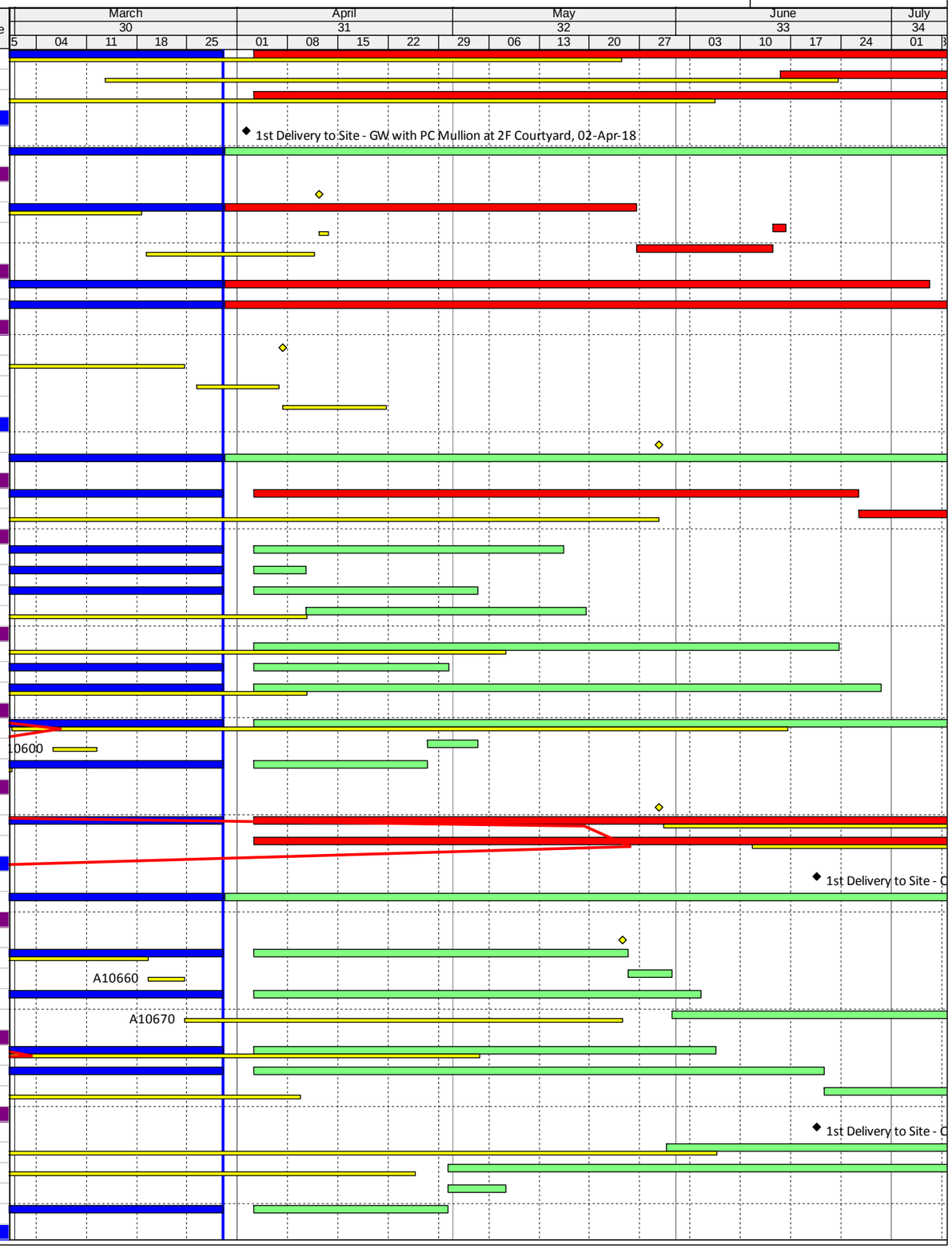
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Tower Tiles TE501 Production									
A64310	TE501-L02-06 (9F & 10F)	38	27-Oct-17	12-Nov-17	05-Jan-18 A	08-Apr-18	100%	86%	-148
A64320	TE501-L02-07 (11F & 12F)	38	12-Nov-17	28-Nov-17	09-Apr-18	17-May-18	100%	0%	-170
A64330	TE501-L02-08 (13F & 14F)	50	28-Nov-17	19-Dec-17	17-May-18	06-Jul-18	100%	0%	-200
Tower Tiles TE502 Production									
A64420	TE502-L02-07 (11F & 12F)	38	10-Nov-17	26-Nov-17	05-Jan-18 A	06-May-18	100%	37%	-162
A64430	TE502-L02-08 (13F & 14F)	50	26-Nov-17	17-Dec-17	07-May-18	26-Jun-18	100%	0%	-191
A64440	TE502-L02-09 (15F & 16F)	50	17-Dec-17	07-Jan-18	26-Jun-18	15-Aug-18	100%	0%	-221
Tower Tiles TE503 Production									
A64460	TE503-L02-01 (West)	14	01-Dec-17	07-Dec-17	26-Feb-18 A	13-Apr-18	100%	38%	-127
A64470	TE503-L02-02 (East)	14	07-Dec-17	13-Dec-17	01-Mar-18 A	13-Apr-18	100%	16%	-121
A64530	TE503-L02-08 (13F & 14F)	50	20-Oct-17	10-Nov-17	28-Aug-17 A	28-Feb-18 A	100%	100%	-110
A64540	TE503-L02-09 (15F & 16F)	50	10-Nov-17	01-Dec-17	02-Jan-18 A	30-Aug-18	100%	27%	-273
A64550	TE503-L02-10 (Roof)	14	13-Dec-17	19-Dec-17	08-Jan-18 A	12-May-18	100%	8%	-144
Tower Tiles TE505 Production									
A64560	TE505-L02-01 (West)	14	01-Dec-17	07-Dec-17	30-Mar-18	13-Apr-18	100%	0%	-127
A64570	TE505-L02-02 (East)	14	07-Dec-17	13-Dec-17	13-Apr-18	27-Apr-18	100%	0%	-136
Precast Concrete Facade									
A54980	Assemble of Curtain Wall to Precast Facade	169	11-May-18	30-Nov-18	27-Nov-17 A	08-Nov-18	0%	5%	20
A54970	Concreting of Precast Concrete	169	28-Apr-18	20-Nov-18	27-Nov-17 A	30-Oct-18	0%	10%	17
A54990	Inspection, Packing & Delivery to Site - Tower Facade	152	08-Jun-18	08-Dec-18	13-Mar-18 A	27-Jun-18	0%	40%	136
A54960	Precast Concrete Mould Making	192	12-Apr-18	29-Nov-18	16-Apr-17 A	28-Feb-18 A	0%	100%	225
01B Tower Lighting (Bulk)									
Procurement & Production (3F to Roof) & Shipment									
A55020	Production - Tower Lighting Bar	76	20-Oct-17	20-Jan-18	16-Apr-17 A	04-Jun-18	100%	70%	-105
CW Glazed Panel Production & Fabrication									
A55030	Delivery & Assembly	178	14-Nov-17	25-Jun-18	13-Mar-18 A	21-Sep-18	62.11%	20%	-75
A10000	IQC Inspection	169	28-Nov-17	27-Jun-18	13-Mar-18 A	13-Sep-18	58.58%	20%	-65
A10010	OQC Inspection	169	06-Dec-17	07-Jul-18	13-Mar-18 A	13-Sep-18	54.37%	20%	-58
02 Podium Facade PC + CW (Bulk)									
A54480	1st Delivery to Site - Precast Panel for Podium	0	27-Dec-17		07-Jun-18		100%	0%	-129
A54470	Production & Fabrication - Precast Panel for Podium	158	20-Oct-17	25-Dec-17	11-Dec-16 A	26-Jul-18	100%	1%	-214
Glass Production & Fabrication									
A10030	Fabrication of Insulated Glass Panel	124	21-Nov-17	05-May-18	02-Jan-18 A	25-Jul-18	77.7%	5%	-81
A10020	Ordering of Coated Glass	25	20-Oct-17	20-Nov-17	11-Dec-16 A	21-Apr-18	100%	74%	-151
CW Glazed Panel Production & Fabrication									
A10050	Aluminium Extrusion Production	116	15-Jan-18	09-Jun-18	02-Jan-18 A	12-Sep-18	51.82%	0%	-79
A10060	Application of PVF2 Coating	129	26-Jan-18	09-Jul-18	03-Jan-18 A	25-Aug-18	39.02%	17.24%	-41
A10040	Die Making - Bulk Production	6	08-Jan-18	15-Jan-18	17-Feb-17 A	12-Apr-18	100%	82%	-67
A10070	Fabrication & Assemble of Curtain Wall Unit	116	03-Feb-18	08-Jul-18	04-Jan-18 A	27-Jul-18	35.21%	0%	-19
Terracotta Production									
A10160	Delivery of Terracotta to Precast Factory from Italy (by ship)	100	23-Dec-17	02-May-18	22-Jun-17 A	07-Jun-18	76.78%	54%	-30
A10100	Terracotta Production - Podium (Bulk)	130	20-Oct-17	28-Mar-18	24-Apr-17 A	13-Aug-18	100%	26%	-110
Precast Concrete Facade									
A10130	Assemble of Curtain Wall to Precast Facade	93	24-Mar-18	26-Jul-18	03-Jan-18 A	28-Jun-18	4.11%	2%	28
A10120	Concreting of Precast Concrete	95	07-Mar-18	12-Jul-18	02-Jan-18 A	28-Jun-18	17.4%	5%	14
A10180	Curing of 1st Lot	6	17-Mar-18	24-Mar-18	02-Jan-18 A	10-Apr-18	100%	5%	-10
A10140	Inspection, Packing & Delivery to Site - Podium Facade	93	09-Apr-18	07-Aug-18	30-Mar-18	30-Jun-18	0%	0%	38
A10110	Precast Concrete Mould Making	106	02-Feb-18	15-Jun-18	19-Jun-17 A	13-Apr-18	42.45%	93.38%	52
A10150	Precast Panel 1st Delivery to Site - Podium	0	27-Dec-17		07-Jun-18		100%	0%	-129
03 GW with T Mullion (Kinked & Straight B1F to GF) (Bulk)									
Glass Production & Fabrication									
A10300	Delivery of Glass Panel to Site	46	28-Mar-18	28-May-18	28-Jul-18	20-Sep-18	2.9%	0%	-97
A10200	Fabrication of Insulated Glass Panel	67	26-Feb-18	19-May-18	12-Jul-18	29-Sep-18	41.79%	0%	-110
Alum Section Production & Fabrication									
A10220	Aluminium Extrusion Production	34	09-Feb-18	24-Mar-18	09-May-18	20-Jun-18	100%	0%	-68
A10230	Application of PVF2 Coating	6	24-Mar-18	04-Apr-18	20-Jun-18	27-Jun-18	81.48%	0%	-68
A10210	Die Making - Bulk Production	34	30-Dec-17	09-Feb-18	02-Jan-18 A	09-May-18	100%	13%	-68
A10240	Fabrication & Assemble of Curtain Wall Unit	35	04-Apr-18	17-May-18	27-Jun-18	08-Aug-18	0%	0%	-68
T Painted GMS Mullion, Transom & Brackets									
A10290	1st Delivery - T-Mullion G/F to 1/F	0	23-Mar-18		10-Sep-18		100%	0%	-137
A10280	1st Delivery T-Mullion B1	0	20-Mar-18		22-Jun-18		100%	0%	-75



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

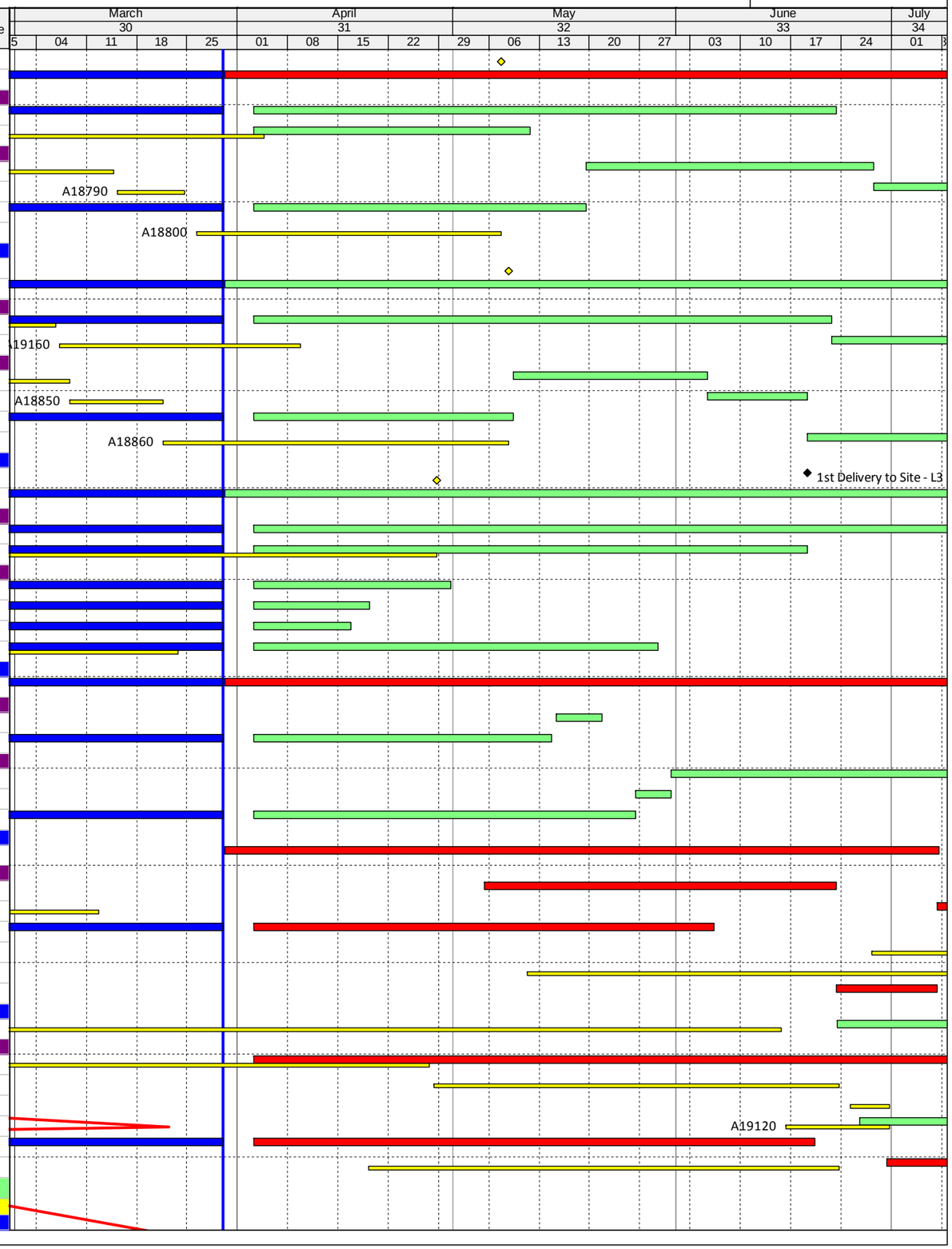
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A10250	GMS Fabrication	109	06-Jan-18	24-May-18	02-Jan-18 A	14-Aug-18	61.98%	0%	-69
A10270	Packing & Delivery	81	13-Mar-18	23-Jun-18	15-Jun-18	20-Sep-18	17.56%	0%	-75
A10260	Painting	88	13-Feb-18	06-Jun-18	03-Apr-18	19-Jul-18	40.4%	0%	-36
04A GW with PC Mullion at 2F Courtyard (Bulk)									
A54530	1st Delivery to Site - GW with PC Mullion at 2F Courtyard	0	30-Jan-18		02-Apr-18		100%	0%	-62
A54520	Production & Fabrication - GW with PC Mullion at 2F Courty	120	11-Dec-17	30-Jan-18	02-Jan-18 A	09-Sep-18	100%	9%	-223
Glass Production & Fabrication									
A10450	1st Delivery to Site - Glass Panel	0	12-Apr-18		09-Sep-18		0%	0%	-150
A10310	Coated Glass Production	63	30-Dec-17	18-Mar-18	02-Jan-18 A	26-May-18	100%	9%	-69
A10330	Delivery of Glass Panel to Site	2	12-Apr-18	13-Apr-18	14-Jun-18	16-Jun-18	0%	0%	-63
A10320	Fabrication of Insulated Glass Panel	19	19-Mar-18	11-Apr-18	26-May-18	14-Jun-18	45.61%	0%	-64
Alum Frame Production & Fabrication									
A10350	Aluminium Extrusion Production	36	20-Dec-17	04-Jan-18	02-Jan-18 A	06-Jul-18	100%	7%	-183
A10340	Die Making - Bulk Production	48	11-Dec-17	31-Dec-17	02-Jan-18 A	12-Jul-18	100%	26%	-194
Precast Concrete Facde									
A10410	1st Delivery to Site - Precast Concrete	0	07-Apr-18		21-Nov-18		0%	0%	-188
A10380	Concreting of Precast Concrete	45	29-Jan-18	24-Mar-18	01-Sep-18	27-Oct-18	100%	0%	-175
A10390	Curing	7	26-Mar-18	06-Apr-18	27-Oct-18	05-Nov-18	57.14%	0%	-175
A10400	Delivery of Precast Concrete to Site	13	07-Apr-18	21-Apr-18	05-Nov-18	20-Nov-18	0%	0%	-175
04B GW with Ceramic Mullion (GF & 1F) (Bulk)									
A54570	1st Delivery to Site - GW with Ceramic Mullion - South	0	29-May-18		06-Nov-18		0%	0%	-160
A54540	Production & Fabrication - GW with Ceramic Mullion (GF & 1	173	20-Oct-17	31-Dec-17	02-Jan-18 A	17-Sep-18	100%	22%	-261
Glass Production & Fabrication									
A10460	Coated Glass Production	67	20-Oct-17	10-Jan-18	02-Jan-18 A	26-Jun-18	100%	9%	-132
A10470	Fabrication of Insulated Glass Panel	110	11-Jan-18	29-May-18	26-Jun-18	06-Nov-18	58.18%	0%	-132
Alum Frame Production & Fabrication									
A10490	Aluminium Extrusion Production	34	06-Jan-18	15-Feb-18	27-Nov-17 A	16-May-18	100%	7%	-68
A10500	Application of PVF2 Coating	6	15-Feb-18	26-Feb-18	03-Jan-18 A	10-Apr-18	100%	7.01%	-33
A10480	Die Making - Bulk Production	31	28-Nov-17	06-Jan-18	31-Jul-17 A	04-May-18	100%	25%	-92
A10510	Fabrication of Aluminium Frame to Site	33	26-Feb-18	10-Apr-18	10-Apr-18	19-May-18	82.15%	0%	-33
Terracotta Production									
A10570	Application of PVF2 Coating	67	09-Feb-18	08-May-18	03-Apr-18	23-Jun-18	58.04%	0%	-39
A10550	Die Making - Bulk Production	40	09-Nov-17	27-Dec-17	07-Aug-17 A	30-Apr-18	100%	50%	-97
A10560	Terracotta Production (Bulk)	67	13-Jan-18	10-Apr-18	02-Jan-18 A	29-Jun-18	91.21%	3%	-66
Precast Concrete Facade Die Making									
A10590	Aluminium Extrusion Production	87	28-Feb-18	16-Jun-18	02-Jan-18 A	16-Jul-18	28.99%	3%	-23
A10600	Curing of 1st Lot	5	06-Mar-18	12-Mar-18	27-Apr-18	04-May-18	100%	0%	-41
A10580	Precast Concrete Mould Making	24	27-Jan-18	28-Feb-18	02-Jan-18 A	27-Apr-18	100%	15%	-46
Precast Concrete Facde									
A10630	1st Delivery to Site - South	0	29-May-18		06-Nov-18		0%	0%	-160
A10520	Assemble of Alum Section to Precast Mullion	87	30-May-18	10-Sep-18	02-Jan-18 A	13-Jul-18	0%	5%	50
A10530	Delivery of Precast Concrete to Site	112	11-Jun-18	25-Oct-18	03-Apr-18	16-Aug-18	0%	0%	57
05 Ceramic Concrete Tubes & Perforated Cladding (Bulk)									
A54610	1st Delivery to Site - Ceramic Concrete Tubes & Perforated C	0	26-Feb-18		20-Jun-18		100%	0%	-114
A54600	Production & Fabrication - Ceramic Concrete Tubes & Perfor	185	20-Oct-17	05-Jan-18	02-Jan-18 A	24-Oct-18	100%	5%	-293
Alum Frame Production & Fabrication									
A54590	05 Ceramic Concrete Tubes & Perforated Cladding (Bulk) Fin	0		24-May-18		08-Sep-18	0%	0%	-107
A10650	Aluminium Extrusion Production	45	22-Jan-18	19-Mar-18	02-Jan-18 A	25-May-18	100%	6%	-52
A10660	Application of PVF2 Coating	5	19-Mar-18	24-Mar-18	25-May-18	31-May-18	100%	0%	-52
A10640	Die Making - Bulk Production	64	04-Nov-17	22-Jan-18	02-Jan-18 A	04-Jun-18	100%	21%	-105
A10670	Fabrication of Aluminium Frame to Site	46	24-Mar-18	24-May-18	31-May-18	26-Jul-18	9.18%	0%	-52
Terracotta Production									
A10700	Application of PVF2 Coating	56	23-Feb-18	04-May-18	02-Jan-18 A	06-Jun-18	53.57%	6%	-27
A10680	Die Making - Bulk Production	69	20-Oct-17	12-Jan-18	02-Jan-18 A	21-Jun-18	100%	17%	-127
A10690	Terracotta Production (Bulk)	67	13-Jan-18	09-Apr-18	21-Jun-18	08-Sep-18	92.54%	0%	-127
Precast Concrete Facade Die Making									
A10750	1st Delivery to Site - Ceramic Concrete Tubes	0	26-Feb-18		20-Jun-18*		100%	0%	-114
A10740	Assemble of Brackets to Ceramic Concrete Tubes	97	02-Feb-18	06-Jun-18	30-May-18	22-Sep-18	45.48%	0%	-91
A10720	Concreting of Precast Concrete	88	05-Jan-18	25-Apr-18	30-Apr-18	15-Aug-18	78.41%	0%	-91
A10730	Curing of 1st Lot	6	11-Jan-18	18-Jan-18	30-Apr-18	08-May-18	100%	0%	-86
A10710	Precast Concrete Mould Making	23	06-Dec-17	04-Jan-18	02-Jan-18 A	30-Apr-18	100%	15%	-91
06A Plaza Skylight 3F (Bulk)									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

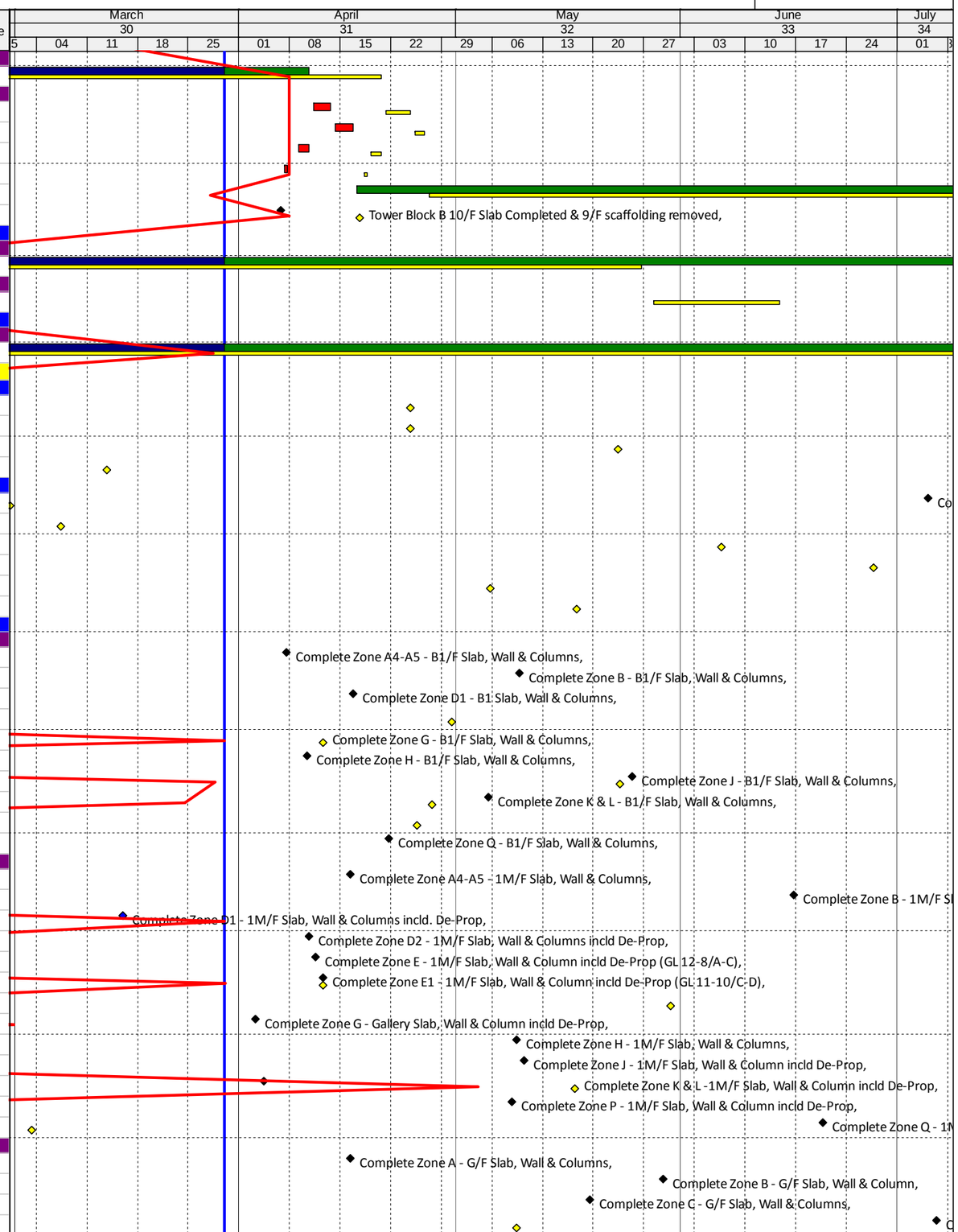
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A19140	1st Delivery to Site - Plaza Skylight 3F	0	07-May-18		11-Feb-19		0%	0%	-279
A19130	Production & Fabrication - Plaza Skylight 3F	113	03-Dec-17	19-Jan-18	02-Jan-18 A	11-Feb-19	100%	6%	-388
Glass Production & Fabrication									
A18750	Coated Glass Production	64	04-Dec-17	22-Feb-18	02-Jan-18 A	23-Jun-18	100%	8%	-96
A18760	Fabrication of Insulated Glass Panel	32	23-Feb-18	04-Apr-18	03-Apr-18	11-May-18	93.75%	0%	-30
Alum Frame Production & Fabrication									
A18780	Aluminium Extrusion Production	32	02-Feb-18	14-Mar-18	19-May-18	28-Jun-18	100%	0%	-84
A18790	Application of PVF2 Coating	9	15-Mar-18	24-Mar-18	28-Jun-18	10-Jul-18	100%	0%	-84
A18770	Die Making - Bulk Production	49	04-Dec-17	01-Feb-18	02-Jan-18 A	19-May-18	100%	30%	-84
A18800	Fabrication of Frame Members	32	26-Mar-18	07-May-18	10-Jul-18	16-Aug-18	12.5%	0%	-84
06B STrip CW Skylight Gallery 3F (Bulk)									
A18820	1st Delivery to Site - Strip CW Skylight Gallery 3F	0	08-May-18		01-Aug-18		0%	0%	-84
A18810	Production & Fabrication - Strip CW Skylight Gallery 3F	122	19-Dec-17	08-Feb-18	02-Jan-18 A	19-Nov-18	100%	6%	-285
Glass Production & Fabrication									
A19150	Coated Glass Production	61	19-Dec-17	06-Mar-18	02-Jan-18 A	22-Jun-18	100%	6%	-86
A19160	Fabrication of Insulated Glass Panel	25	07-Mar-18	09-Apr-18	22-Jun-18	23-Jul-18	80%	0%	-86
Alum Frame Production & Fabrication									
A18840	Aluminium Extrusion Production	22	07-Feb-18	08-Mar-18	09-May-18	05-Jun-18	100%	0%	-69
A18850	Application of PVF2 Coating	11	08-Mar-18	21-Mar-18	05-Jun-18	19-Jun-18	100%	0%	-69
A18830	Die Making - Bulk Production	40	19-Dec-17	07-Feb-18	02-Jan-18 A	09-May-18	100%	27%	-69
A18860	Fabrication of Frame Members	36	21-Mar-18	08-May-18	19-Jun-18	01-Aug-18	19.75%	0%	-69
07 L3 Storefront (Bulk)									
A18880	1st Delivery to Site - L3 Storefront	0	28-Apr-18		19-Jun-18		0%	0%	-51
A18870	Production & Fabrication - L3 Storefront	170	20-Oct-17	30-Dec-17	02-Jan-18 A	29-Nov-18	100%	6%	-334
Glass Production & Fabrication									
A19170	Coated Glass Production	87	20-Oct-17	02-Feb-18	02-Jan-18 A	27-Jul-18	100%	5%	-139
A19180	Fabrication of Insulated Glass Panel	66	03-Feb-18	28-Apr-18	02-Jan-18 A	19-Jun-18	66.67%	6%	-40
Alum Frame Production & Fabrication									
A18900	Aluminium Extrusion Production	22	01-Nov-17	25-Nov-17	02-Jan-18 A	30-Apr-18	100%	5%	-123
A18910	Application of PVF2 Coating	11	27-Nov-17	08-Dec-17	02-Jan-18 A	19-Apr-18	100%	5%	-102
A18890	Die Making - Bulk Production	9	20-Oct-17	31-Oct-17	04-Jan-17 A	16-Apr-18	100%	82.57%	-133
A18920	Fabrication of Frame Members	44	29-Jan-18	23-Mar-18	02-Jan-18 A	29-May-18	100%	5%	-51
08 Garden Gallery Ceramic Cladding 3F (Bulk)									
A19190	Production & Fabrication - Garden Gallery Ceramic Cladding	86	10-Nov-17	16-Dec-17	13-Jan-18 A	09-Dec-18	100%	2%	-358
Brackets Production & Fabrication (SS)									
A18940	Delivery of SS Bracket to Site	6	28-Nov-17	04-Dec-17	15-May-18	21-May-18	100%	0%	-133
A18930	Production & Fabrication	32	20-Oct-17	27-Nov-17	09-Jan-18 A	14-May-18	100%	0%	-133
Terracotta Production & Fabrication									
A18970	Assemble of bracket to Ceramic Cladding	32	12-Dec-17	20-Jan-18	31-May-18	10-Jul-18	100%	0%	-134
A18960	Delivery to assemble factory	4	07-Dec-17	11-Dec-17	26-May-18	31-May-18	100%	0%	-134
A18950	Terracotta Production	40	20-Oct-17	06-Dec-17	12-Jan-18 A	26-May-18	100%	2%	-134
09 North Perimeter Louvre Cladding (Bulk)									
A19210	Production & Fabrication - North Perimeter Louvre Cladding	235	20-Oct-17	26-Jan-18	30-Mar-18	07-Jul-18	100%	0%	-163
Cladding & Louvre Production & Fabrication									
A19000	Aluminium Extrusion Production	40	23-Dec-17	10-Feb-18	05-May-18	23-Jun-18	100%	0%	-103
A19020	Application of PVF2 Coating	11	28-Feb-18	12-Mar-18	07-Jul-18	20-Jul-18	100%	0%	-103
A18990	Die Making - Bulk Production	54	20-Oct-17	22-Dec-17	05-Jan-18 A	06-Jun-18	100%	10%	-129
A19040	Fabrication and Assemble of Louvre Units to Site	54	28-Jun-18	31-Aug-18	24-Aug-18	29-Oct-18	0%	0%	-48
A19030	Metal Frame Fabrication of Cladding Louvre	80	11-May-18	15-Aug-18	23-Jul-18	26-Oct-18	0%	0%	-59
A19010	PVF2 Paint Ordering	11	12-Feb-18	27-Feb-18	23-Jun-18	07-Jul-18	100%	0%	-103
10 Doors (Bulk)									
A19230	Production & Fabrication - Doors	146	14-Dec-17	15-Jun-18	23-Jun-18	15-Nov-18	58.22%	0%	-125
Doors Production & Fabrication									
A19070	Aluminium Extrusion Production	80	17-Jan-18	27-Apr-18	03-Apr-18	10-Jul-18	73.75%	0%	-59
A19080	Aluminium Frame Production	46	28-Apr-18	23-Jun-18	11-Jul-18	01-Sep-18	0%	0%	-59
A19100	Application of PVF2 Coating	6	25-Jun-18	30-Jun-18	03-Sep-18	08-Sep-18	0%	0%	-59
A19120	Delivery Doors to Site (Bulk)	12	16-Jun-18	30-Jun-18	26-Jun-18	11-Jul-18	0%	0%	-7
A19060	Die Making	0	20-Oct-17	20-Oct-17	03-Jun-17 A	20-Jun-18	100%	20%	-194
A19090	PVF2 Paint Ordering	54	19-Apr-18	23-Jun-18	30-Jun-18	01-Sep-18	0%	0%	-59
M+ Basement and Podium									
Tower Crane Provision									
Provision of TC2 (Truss 1 & 2, Podium, Tower Construction)									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

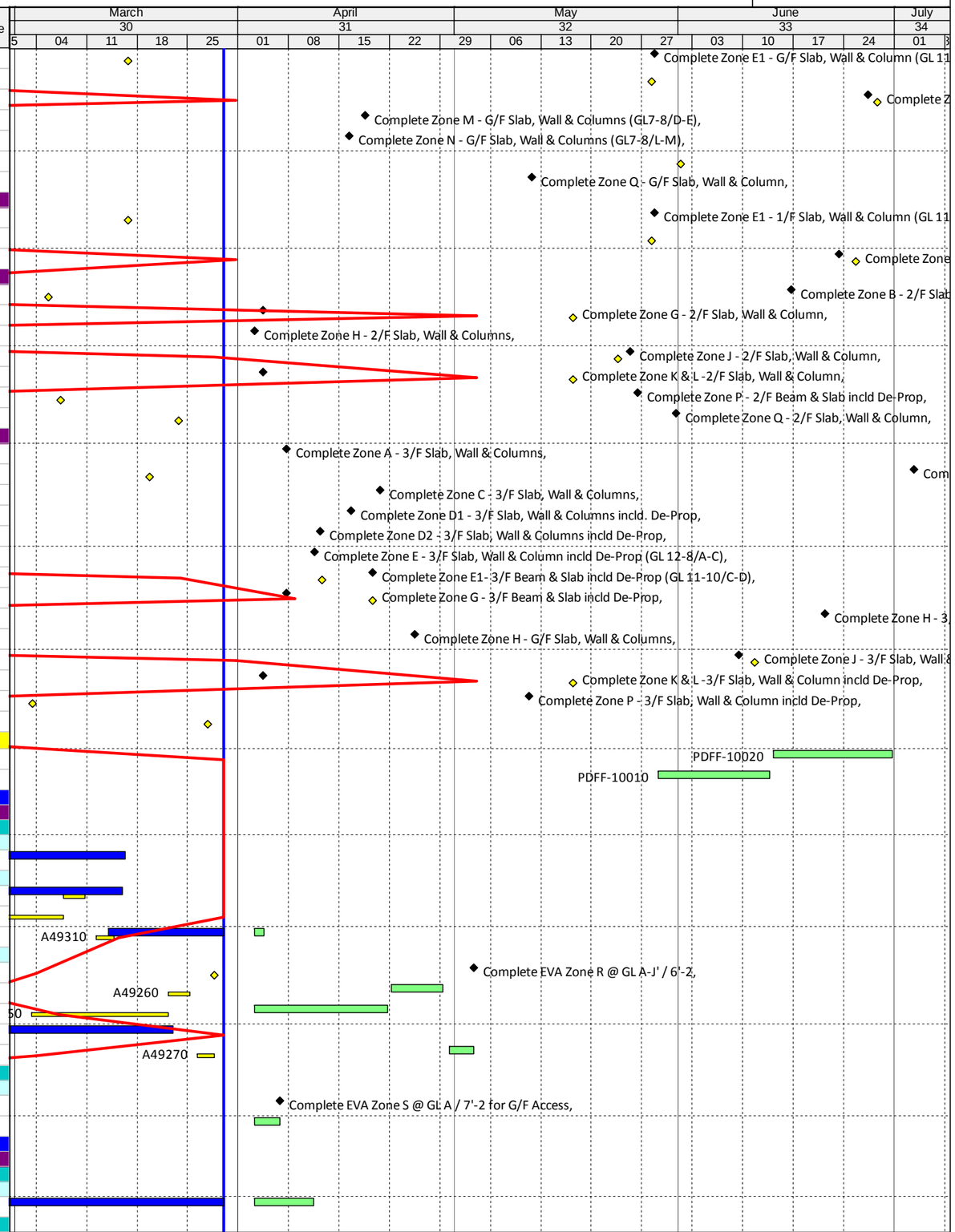
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
TC2 1st Jack									
A64580	TC2 1st Operational Period	83	06-Jan-18	20-Apr-18	04-Jan-18 A	10-Apr-18	81.93%	88.42%	9
TC2 2nd Jack									
A42860	2nd Raise & Jack up of TC2 to 117.2mPD	3	21-Apr-18	24-Apr-18	11-Apr-18	13-Apr-18	0%	0%	9
A42870	Inspection and ICE & RPE Certification for TC2 @117.2mPD	2	25-Apr-18	26-Apr-18	14-Apr-18	16-Apr-18	0%	0%	9
A41380	Inspection and ICE & RPE Certification for TC2 Ties	2	19-Apr-18	20-Apr-18	09-Apr-18	10-Apr-18	0%	0%	9
A41370	Install & Connect Tie-in between TC2 & Block B 8/F slab	1	18-Apr-18	18-Apr-18	07-Apr-18	07-Apr-18	0%	0%	9
A64590	TC2 2nd Operational Period	94	27-Apr-18	20-Aug-18	17-Apr-18	22-Aug-18	0%	0%	-2
A41360	Tower Block B 10/F Slab Completed & 9/F scaffolding remov	0		17-Apr-18		06-Apr-18	0%	0%	9
Provision of TC3 (Truss 3 & 4, AEL South Podium Construction)									
TC3 Erection									
A64600	TC3 Operational Period	175	20-Oct-17	26-May-18	08-Oct-16 A	11-Aug-18	74.86%	0%	-64
TC3 Removal									
A59940	Dismantle TC3 (after Podium Zone G structure complete)	16	28-May-18	14-Jun-18	13-Aug-18	30-Aug-18	0%	0%	-64
Provision of TC6 (Truss 3 & 4, Podium & Tower Construction)									
TC6-2									
A64620	TC6-2 Operational Period	330	28-Nov-17	09-Jan-19	16-Nov-17 A	11-Jan-19	30.01%	17.51%	-2
Critical Key Dates									
Critical Key Dates - Lifts & Escalators									
LT10630	LT12 Ready for Permant Use	0		24-Apr-18		05-Aug-18	0%	0%	-102
LT10680	LT14 Ready for Permant Use	0		24-Apr-18		05-Aug-18	0%	0%	-102
LT10730	LT15, LT16 & LT17 Ready for Permant Use	0		23-May-18		29-Aug-18	0%	0%	-98
LT10860	LT21 & LT22 Ready for Permant Use	0		13-Mar-18		29-Jul-18	100%	0%	-137
Critical Key Dates - M+ Podium External Envelope Works									
A13250	Complete Zone A - 1M/F Facade Panel	0		28-Feb-18		05-Jul-18	100%	0%	-101
A13270	Complete Zone A - 2/F Facade Panel	0		07-Mar-18		12-Jul-18	100%	0%	-101
A13300	Complete Zone E - 1M/F Facade Panel	0		06-Jun-18		22-Sep-18	0%	0%	-91
A13310	Complete Zone E - 2/F Facade Panel	0		27-Jun-18		18-Oct-18	0%	0%	-93
A13280	Complete Zone M - 1M/F Facade Panel	0		05-May-18		17-Sep-18	0%	0%	-112
A13290	Complete Zone M - 2/F Facade Panel	0		17-May-18		13-Jul-18	0%	0%	-45
Critical Key Dates - Podium Structure RC Works									
B1/F									
A10975	Complete Zone A4-A5 - B1/F Slab, Wall & Columns	0		24-Oct-17		07-Apr-18	100%	0%	-131
A12220	Complete Zone B - B1/F Slab, Wall & Columns	0		03-Jan-18		09-May-18	100%	0%	-101
A12090	Complete Zone D1 - B1 Slab, Wall & Columns	0		20-Jan-18		16-Apr-18	100%	0%	-66
A12160	Complete Zone D2 - B1/F Slab, Wall & Columns	0		30-Apr-18		21-Aug-18	0%	0%	-93
A12620	Complete Zone G - B1/F Slab, Wall & Columns	0		12-Apr-18		22-Nov-17 A	0%	100%	112
A11810	Complete Zone H - B1/F Slab, Wall & Columns	0		03-Nov-17		10-Apr-18	100%	0%	-124
A12700	Complete Zone J - B1/F Slab, Wall & Columns	0		23-May-18		25-May-18	0%	0%	-1
A12330	Complete Zone K & L - B1/F Slab, Wall & Columns	0		27-Apr-18		05-May-18	0%	0%	-5
A12410	Complete Zone P - B1/F Slab, Wall & Columns	0		25-Apr-18		30-Aug-18	0%	0%	-105
A12270	Complete Zone Q - B1/F Slab, Wall & Columns	0		22-Jan-18		21-Apr-18	100%	0%	-71
1M/F									
A11845	Complete Zone A4-A5 - 1M/F Slab, Wall & Columns	0		11-Nov-17		16-Apr-18	100%	0%	-123
A12240	Complete Zone B - 1M/F Slab, Wall & Column	0		09-Feb-18		16-Jun-18	100%	0%	-101
A12120	Complete Zone D1 - 1M/F Slab, Wall & Columns incld. De-Pr	0		18-Dec-17		16-Mar-18 A	100%	100%	-69
A12190	Complete Zone D2 - 1M/F Slab, Wall & Columns incld De-Pr	0		29-Jan-18		10-Apr-18	100%	0%	-55
A12490	Complete Zone E - 1M/F Slab, Wall & Column incld De-Prop	0		14-Nov-17		11-Apr-18	100%	0%	-117
A12570	Complete Zone E1 - 1M/F Slab, Wall & Column incld De-Proj	0		12-Apr-18		12-Apr-18	0%	0%	0
A12650	Complete Zone G - 1M/F Slab incld De-Prop	0		30-May-18		15-Aug-18	0%	0%	-64
A12690	Complete Zone G - Gallery Slab, Wall & Column incld De-Pro	0		23-Feb-18		03-Apr-18	100%	0%	-29
A11850	Complete Zone H - 1M/F Slab, Wall & Columns	0		16-Dec-17		09-May-18	100%	0%	-111
A12730	Complete Zone J - 1M/F Slab, Wall & Column incld De-Prop	0		12-Feb-18		10-May-18	100%	0%	-66
A12370	Complete Zone K & L -1M/F Slab, Wall & Column incld De-Pr	0		17-May-18		04-Apr-18	0%	0%	35
A12440	Complete Zone P - 1M/F Slab, Wall & Column incld De-Prop	0		09-Feb-18		08-May-18	100%	0%	-68
A12300	Complete Zone Q - 1M/F Slab, Wall & Column	0		03-Mar-18		20-Jun-18	100%	0%	-87
G/F									
A11110	Complete Zone A - G/F Slab, Wall & Columns	0		27-Oct-17		16-Apr-18	100%	0%	-134
A12230	Complete Zone B - G/F Slab, Wall & Column	0		22-Jan-18		29-May-18	100%	0%	-101
A12010	Complete Zone C - G/F Slab, Wall & Columns	0		24-Feb-18		19-May-18	100%	0%	-67
A12180	Complete Zone D2 - G/F Slab, Wall & Columns incld De-Prop	0		09-May-18		06-Jul-18	0%	0%	-47



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

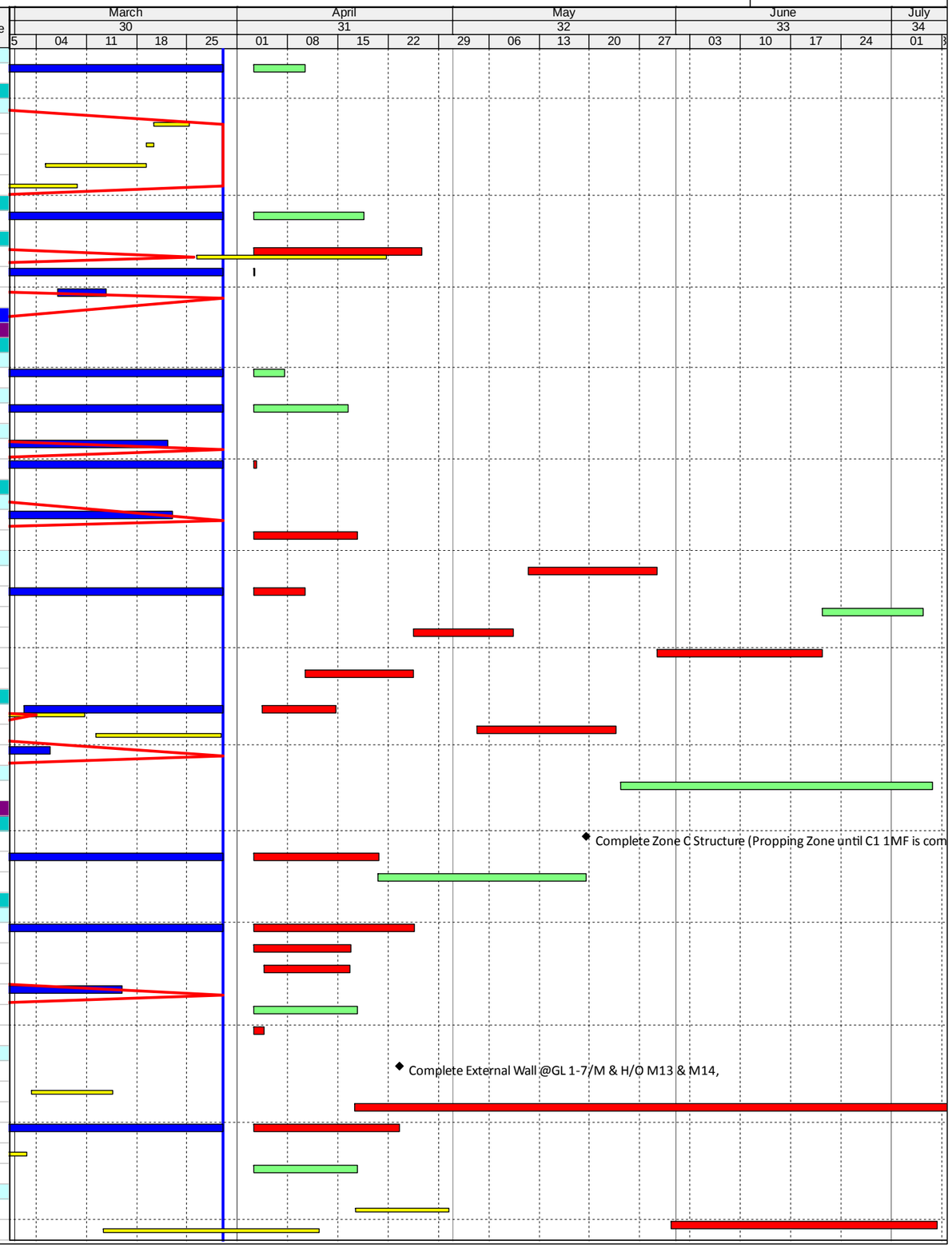
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A12540	Complete Zone E1 - G/F Slab, Wall & Column (GL 11-10/C-D	0		16-Mar-18		28-May-18	100%	0%	-56
A12630	Complete Zone G - G/F Beam & Slab incld De-Prop	0		28-May-18		13-Aug-18	0%	0%	-64
A12710	Complete Zone J - G/F Slab, Wall & Column incld De-Prop	0		28-Jun-18		27-Jun-18	0%	0%	2
A11950	Complete Zone M - G/F Slab, Wall & Columns (GL7-8/D-E)	0		10-Nov-17		18-Apr-18	100%	0%	-126
A11955	Complete Zone N - G/F Slab, Wall & Columns (GL7-8/L-M)	0		27-Oct-17		16-Apr-18	100%	0%	-134
A12420	Complete Zone P - G/F Slab & Column incld De-Prop	0		01-Jun-18		17-Jul-18	0%	0%	-37
A12290	Complete Zone Q - G/F Slab, Wall & Column	0		09-Feb-18		11-May-18	100%	0%	-71
1/F									
A12560	Complete Zone E1 - 1/F Slab, Wall & Column (GL 11-10/C-D)	0		16-Mar-18		28-May-18	100%	0%	-56
A12640	Complete Zone G - 1/F Slab, Wall & Column incld De-Prop	0		28-May-18		13-Aug-18	0%	0%	-64
A12720	Complete Zone J - 1/F Slab, Wall & Column incld De-Prop	0		25-Jun-18		23-Jun-18	0%	0%	2
2/F									
A12250	Complete Zone B - 2/F Slab, Wall & Column	0		05-Mar-18		16-Jun-18	100%	0%	-83
A12660	Complete Zone G - 2/F Slab, Wall & Column	0		17-May-18		04-Apr-18	0%	0%	35
A11860	Complete Zone H - 2/F Slab, Wall & Columns	0		18-Nov-17		03-Apr-18	100%	0%	-107
A12740	Complete Zone J - 2/F Slab, Wall & Column	0		23-May-18		25-May-18	0%	0%	-1
A12380	Complete Zone K & L -2/F Slab, Wall & Column	0		17-May-18		04-Apr-18	0%	0%	35
A12450	Complete Zone P - 2/F Beam & Slab incld De-Prop	0		07-Mar-18		26-May-18	100%	0%	-63
A12310	Complete Zone Q - 2/F Slab, Wall & Column	0		23-Mar-18		31-May-18	100%	0%	-53
3/F									
A11800	Complete Zone A - 3/F Slab, Wall & Columns	0		21-Dec-17		07-Apr-18	100%	0%	-82
A12260	Complete Zone B - 3/F Slab, Wall & Column incld De-Prop	0		19-Mar-18		03-Jul-18	100%	0%	-83
A12050	Complete Zone C - 3/F Slab, Wall & Columns	0		29-Dec-17		20-Apr-18	100%	0%	-88
A12140	Complete Zone D1 - 3/F Slab, Wall & Columns incld. De-Prop	0		31-Jan-18		16-Apr-18	100%	0%	-57
A12210	Complete Zone D2 - 3/F Slab, Wall & Columns incld De-Prop	0		22-Feb-18		12-Apr-18	100%	0%	-37
A12510	Complete Zone E - 3/F Slab, Wall & Column incld De-Prop (G	0		14-Nov-17		11-Apr-18	100%	0%	-117
A12600	Complete Zone E1- 3/F Beam & Slab incld De-Prop (GL 11-1	0		12-Apr-18		19-Apr-18	0%	0%	-6
A12670	Complete Zone G - 3/F Beam & Slab incld De-Prop	0		19-Apr-18		07-Apr-18	0%	0%	10
A11870	Complete Zone H - 3/F Slab, Wall & Columns	0		30-Jan-18		21-Jun-18	100%	0%	-111
A11820	Complete Zone H - G/F Slab, Wall & Columns	0		18-Nov-17		25-Apr-18	100%	0%	-124
A12750	Complete Zone J - 3/F Slab, Wall & Column	0		11-Jun-18		09-Jun-18	0%	0%	2
A12390	Complete Zone K & L -3/F Slab, Wall & Column incld De-Prop	0		17-May-18		04-Apr-18	0%	0%	35
A12460	Complete Zone P - 3/F Slab, Wall & Column incld De-Prop	0		03-Mar-18		11-May-18	100%	0%	-54
A12320	Complete Zone Q - 3/F Slab, Wall & Column incld De-Prop	0		27-Mar-18		13-Jul-18	100%	0%	-85
M+ Basement & Podium Structure Construction									
PDFF-10020	Fair Face Concrete Remedial Works - M+ Podium 1/F	0			14-Jun-18	30-Jun-18	0%	0%	
PDFF-10010	Fair Face Concrete Remedial Works - M+ Podium G/F	0			29-May-18	13-Jun-18	0%	0%	
CSF & RDE Sub-Structure RC Works									
G/F Level									
North Zoning @ Portion - R (B1/F to G/F)									
Portion GFR5b & GFR4 @ GL E-H / 7'-2 (EVA - Part 2)									
A49450	Remove scaffolds & cleaning	3	20-Oct-17	23-Oct-17	15-Jan-18 A	16-Mar-18 A	100%	100%	-116
Portion GFR2 @ GL F'-I' / 6'-7' (EVA - Part N4)									
A49300	Concrete Curing period EVA - Part N3	7	07-Mar-18	10-Mar-18	13-Feb-18 A	16-Mar-18 A	100%	100%	-5
A49290	Construct beams & slab (G/F) @ GL F'-H' / 5'-1	11	23-Feb-18	07-Mar-18	16-Jan-18 A	12-Feb-18 A	100%	100%	18
A49310	Remove scaffolds & cleaning	3	12-Mar-18	14-Mar-18	14-Mar-18 A	04-Apr-18	100%	50%	-15
Portion GFR1 @ GL I'-J' / 6'-7' (EVA - Part N5)									
A49275	Complete EVA Zone R @ GL A-J' / 6'-2	0		28-Mar-18		03-May-18	100%	0%	-26
A49260	Concrete Curing period EVA - Part N5	7	22-Mar-18	25-Mar-18	22-Apr-18	29-Apr-18	100%	0%	-35
A49250	Construct beams & slab (G/F) @ GL I'-J' / 5'-1	16	03-Mar-18	22-Mar-18	03-Apr-18	21-Apr-18	100%	0%	-23
A49240	Construct Columns & Walls & Cols B1/F to G/F @ GL I'-J' / 5'	3	20-Oct-17	23-Oct-17	13-Feb-17 A	23-Mar-18 A	100%	100%	-122
A49270	Remove scaffolds & cleaning	3	26-Mar-18	28-Mar-18	30-Apr-18	03-May-18	100%	0%	-26
North Zoning @ Portion - S (B1/F to G/F)									
Portion GFS1 & GFS2 @ GL A / 6'-2 (EVA - Part 3)									
A64090	Complete EVA Zone S @ GL A / 7'-2 for G/F Access	0		08-Nov-17		06-Apr-18	100%	0%	-118
A64080	Remove scaffolds & cleaning	3	06-Nov-17	08-Nov-17	03-Apr-18	06-Apr-18	100%	0%	-118
M+ Mega Truss Site Construction									
Mega Truss Infill Construction (Zone F @ GL 7-8/D-M)									
Truss Deprop & Removal of T3 Falseworks									
Dismantle of T3 Falsework System (by TC2 & TC3)									
A60460	Remove bracing tower @C85 & C86	7	03-Nov-17	10-Nov-17	24-Jan-18 A	11-Apr-18	100%	10%	-119
Truss Deprop & Removal of T4 Falseworks									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

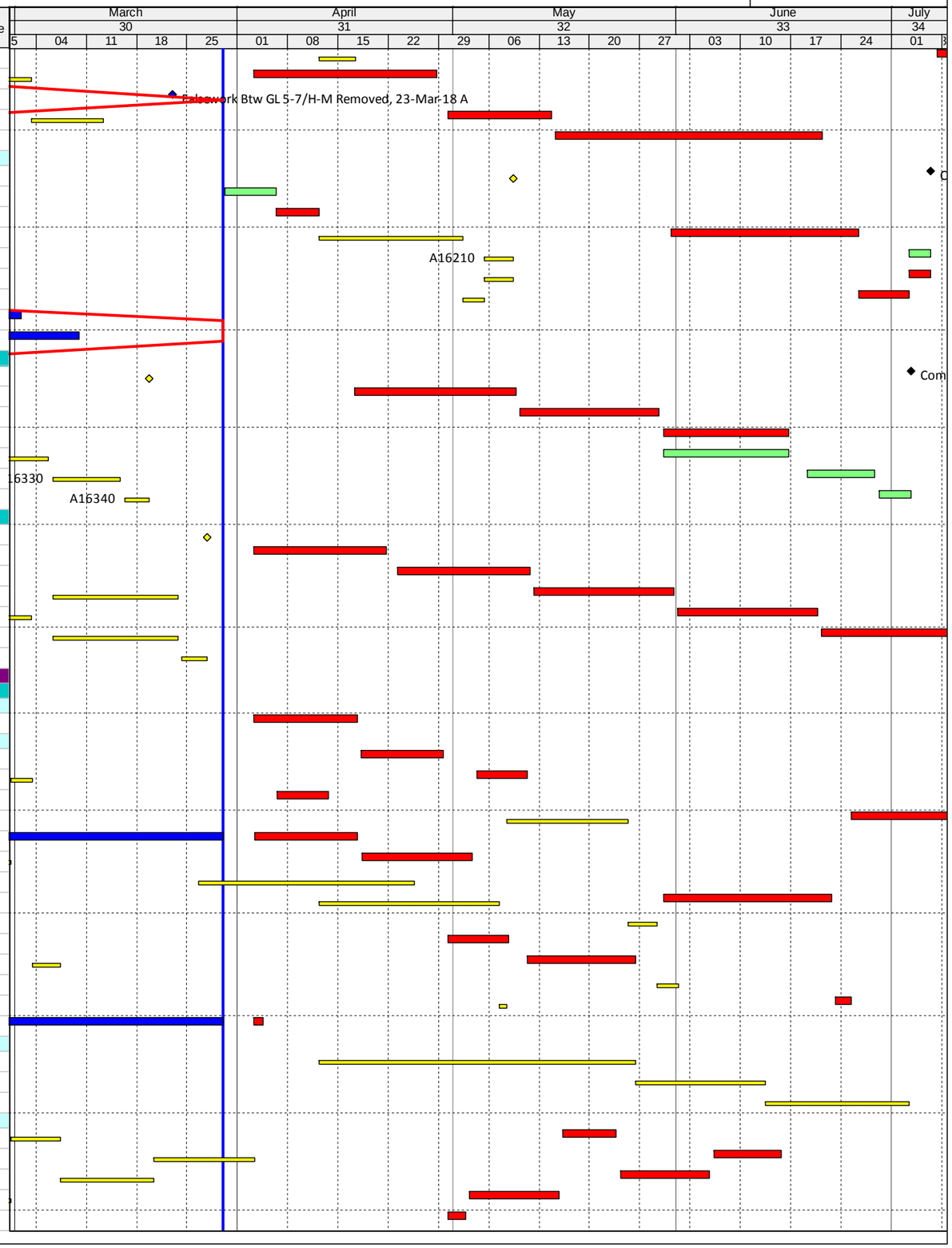
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
	Dismantle of T4 Falsework System (by TC2 & TC3)								
A60530	Remove bracing tower @C85 & C86	7	16-Nov-17	24-Nov-17	24-Jan-18 A	10-Apr-18	100%	25%	-106
	RC Works for T1 & T2 In-fill Slabs								
	RC Works for 3/F Wall, Column & Upper Slab (In-fill)								
A50490	Concrete Curing 3/F Upper Slab	12	20-Mar-18	25-Mar-18	31-Jan-18 A	01-Feb-18 A	100%	100%	52
A50480	Concreting 3/F Upper Slab	1	19-Mar-18	20-Mar-18	30-Jan-18 A	31-Jan-18 A	100%	100%	38
A50470	Formworks of 3/F Upper Slab	12	05-Mar-18	19-Mar-18	16-Jan-18 A	23-Jan-18 A	100%	100%	44
A50460	Rebar fixing of 3/F Upper Slab	12	24-Feb-18	09-Mar-18	23-Jan-18 A	30-Jan-18 A	100%	100%	31
	Area Effected by Struts @ GL 7-8/D-E								
A57820	Construct B1-GF Wall, Column & GF Slab (GL 7-8/D-E)	18	20-Oct-17	10-Nov-17	23-Feb-18 A	18-Apr-18	100%	30%	-126
	Spiral Staircase Construction								
A59060	Installation of Staircase	20	26-Mar-18	21-Apr-18	03-Apr-18	26-Apr-18	20%	0%	-4
A59030	Staircase Fabrication	30	20-Oct-17	24-Nov-17	27-Sep-17 A	03-Apr-18	100%	99%	-101
A59040	Trial Assembly	6	25-Nov-17	01-Dec-17	07-Mar-18 A	13-Mar-18 A	100%	100%	-81
	M+ Basement & Podium Structure RC Works								
	Podium Structure Zone A, M, N & H (Non-deferred Zone Parallel w/ Trusses)								
	Zone A Structure								
	B1 Level (updated as of 16 Dec 2016)								
A10965	Zone A5 Wall & Column to B1 slab level (Industrial Space)	4	20-Oct-17	24-Oct-17	21-Jun-17 A	07-Apr-18	100%	80%	-131
	B1-GF Level								
A11020	Zone A5 Wall, Column & GF Slab (GL 3-6/D-H)	3	25-Oct-17	27-Oct-17	04-Mar-17 A	16-Apr-18	100%	90%	-134
	2F-3F Level								
A11530	Zone A4 Wall, Column & 3F Slab (GL 2-3/D-H)	23	25-Nov-17	21-Dec-17	05-Jan-18 A	22-Mar-18 A	100%	100%	-71
A11620	Zone A5 Wall, Column & 3F Slab @GL 3-6/D-H	18	28-Nov-17	19-Dec-17	04-Jan-18 A	03-Apr-18	100%	95%	-81
	Zone H @GL 11-14/H-M								
	GL-3F (GL L-M)								
A10910	Construct Wall, Column & 2F slab (GL 11-14/L-M)	12	04-Nov-17	18-Nov-17	10-Feb-18 A	23-Mar-18 A	100%	100%	-101
A11130	Construct Wall, Column & 3F slab (GL 11-14/L-M)	12	18-Nov-17	02-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-107
	GF-3F (GL 11-14 /H-L)								
A17360	Construct 2F slab (GL 11-14/H-L)	14	18-Dec-17	05-Jan-18	11-May-18	29-May-18	100%	0%	-113
A17382	Construct B1 Slab (GL 11-12/G-M & GL 11-14/H-M)	12	20-Oct-17	03-Nov-17	08-Aug-17 A	10-Apr-18	100%	55%	-124
A17380	Construct Shading Structure Wall, Column & Roof slab (GL 1	11	31-Jan-18	12-Feb-18	21-Jun-18	05-Jul-18	100%	0%	-111
A17388	Construct Wall, Column & 1MF (GL 11-14/H-L)	11	05-Dec-17	16-Dec-17	25-Apr-18	09-May-18	100%	0%	-111
A17370	Construct Wall, Column & 3F slab (GL 11-14/H-L)	21	06-Jan-18	30-Jan-18	29-May-18	21-Jun-18	100%	0%	-111
A17384	Construct Wall, Column & GF slab (GL 11-13/H-M)	13	04-Nov-17	18-Nov-17	10-Apr-18	25-Apr-18	100%	0%	-124
	G.L. K-L / 8-11 (Non-deferred area)								
A64960	Construct 1MF-2F walls, columns, beam, 2F slab	16	21-Feb-18	10-Mar-18	02-Mar-18 A	14-Apr-18	100%	45%	-26
A64970	Construct 2F-3F walls, columns, beam, 3F slab	16	12-Mar-18	29-Mar-18	04-May-18	23-May-18	100%	0%	-41
A64950	Construct GF-1MF walls, columns, beam, 1MF slab	16	23-Jan-18	09-Feb-18	29-Jan-18 A	06-Mar-18 A	100%	100%	-17
	60-Seat Cinema (G.L. 10-11 / J-K)								
A64930	Construct B1F-LGF walls, columns, 60-seat cinema inclined s	50	03-Nov-17	03-Jan-18	24-May-18	06-Jul-18	100%	0%	-147
	Podium Structure Zone B, C, D & Q (Deferred Zone @ T5 & T1)								
	Zone C @ GL 1-5/H-K								
A42910	Complete Zone C Structure (Propping Zone until C1 1MF is c	0		29-Dec-17		19-May-18	100%	0%	-112
A15945	Stage 6 - Construct wall, column & 3F slab (GL 1-5/H-K)	25	29-Nov-17	29-Dec-17	26-Jan-18 A	20-Apr-18	100%	48.28%	-88
A15940	Stage 6 - Construct wall, column & GF slab (GL 7'-5/H-K)	24	25-Jan-18	24-Feb-18	20-Apr-18	19-May-18	100%	0%	-67
	Zone D @GL 1-5/K-M and @GL 5-7/H-M								
	Zone D1 (GL 1-5/K-M)								
A16030	Construct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F	31	19-Dec-17	26-Jan-18	24-Oct-17 A	25-Apr-18	100%	40%	-69
A16110	Stage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M)	16	03-Jan-18	20-Jan-18	03-Apr-18	16-Apr-18	100%	0%	-66
A56760	Stage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	9	22-Jan-18	31-Jan-18	04-Apr-18	16-Apr-18	100%	0%	-57
A16020	Stage 8 - De-prop 1MF (GL 1-5/K-M)	11	06-Dec-17	18-Dec-17	28-Dec-17 A	16-Mar-18 A	100%	100%	-69
A16040	Stage 9 - Install void filler material on AEL Tunnel (GL 2-5/J-M	10	19-Dec-17	02-Jan-18	03-Apr-18	17-Apr-18	100%	0%	-83
A56750	Stage 9a - Propping & Construct 3F slab (GL 1-5/K-M)	18	30-Dec-17	20-Jan-18	06-Apr-18 A	04-Apr-18	100%	90%	-57
	Zone D1 External Wall (C) & Carriage Wall (A&B) - (GL 1-7 K-L)								
A59300	Complete External Wall @GL 1-7/M & H/O M13 & M14	0		24-Jan-18		23-Apr-18	100%	0%	-69
A56740	Construct B1 Slab in Carriageway	10	03-Mar-18	14-Mar-18	02-Aug-18	23-Aug-18	100%	0%	-162
A56730	Construct carriage wall (A)/column/GF Slab (GL 1-5/K-M)	22	22-Jan-18	15-Feb-18	17-Apr-18	16-Jul-18	100%	0%	-118
A59290	Construct External Wall (C)-GL 1-5/M & Carraigeway Wall (B	22	29-Dec-17	24-Jan-18	28-Dec-17 A	23-Apr-18	100%	25%	-69
A56780	De-prop/Remove Falsework/Sand Blow-out	10	18-Feb-18	02-Mar-18	17-Jul-18	01-Aug-18	100%	0%	-152
A59280	Install void former on AEL tunnel @GL 1-5/M and 1-5/K-L	7	19-Dec-17	28-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-86
	Zone D2 External Wall (C) & Carriage Wall (A&B) - (GL 5-7 K-L)								
A16125	Construct B1 slab (GL 5-8/H-L)	11	17-Apr-18	30-Apr-18	26-Jul-18	21-Aug-18	0%	0%	-93
A16130	Construct carriage wall (A) (GL 5-8/J -L)	22	13-Mar-18	12-Apr-18	31-May-18	07-Jul-18	67.17%	0%	-70



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

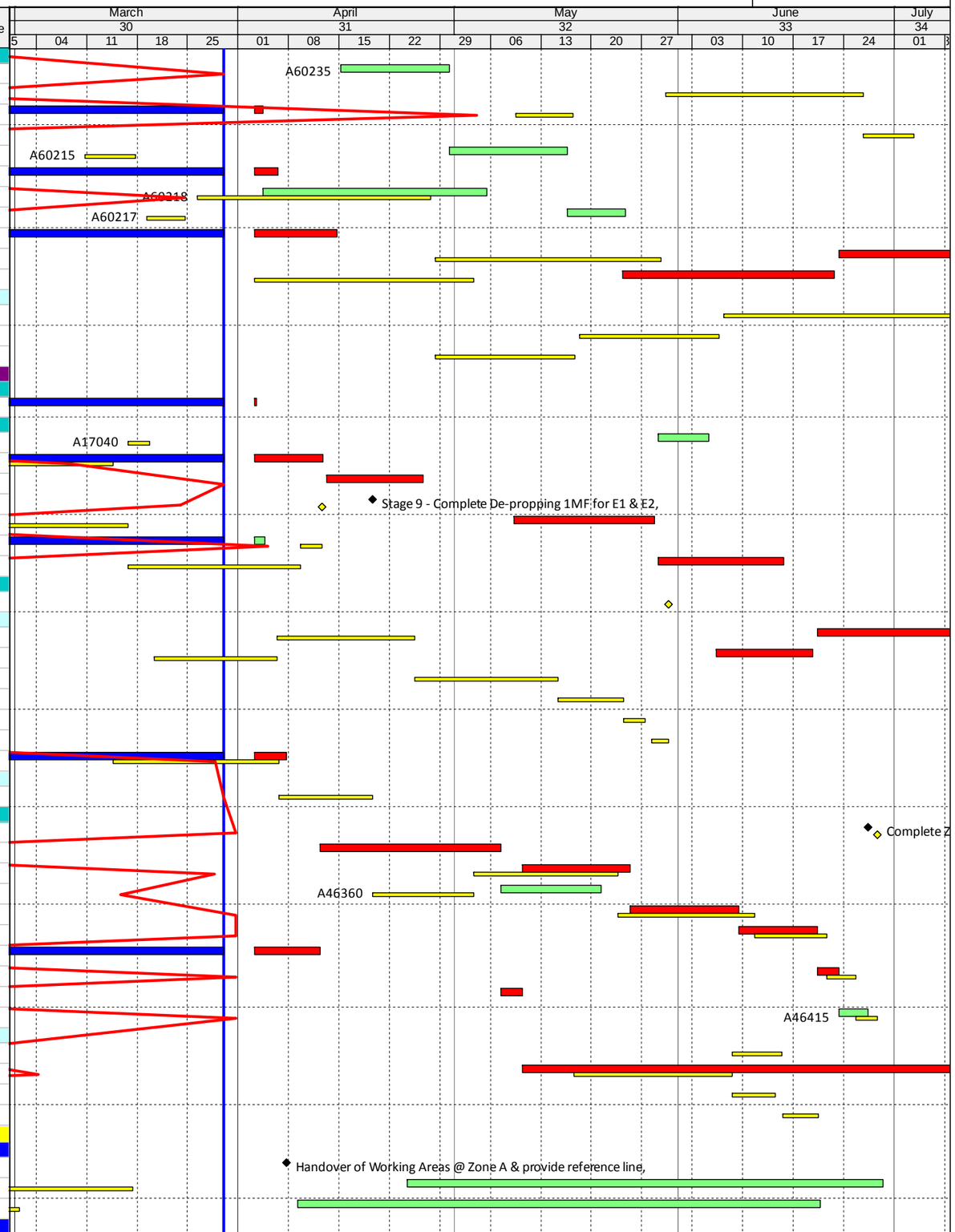
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A16140	Depprop/Remove Falsework/Sand Blow-out	4	12-Apr-18	17-Apr-18	07-Jul-18	26-Jul-18	0%	0%	-82
A16055	Excavate / Construct Retaining Wall (GL 5-7/H-K)	16	09-Feb-18	03-Mar-18	03-Apr-18	28-Apr-18	100%	0%	-45
A59500	Falsework Btw GL 5-7/H-M Removed	0	29-Jan-18		23-Mar-18 A		100%	100%	-53
A16120	Install void filler material on AEL Tunnel (GL 5-8/J-L)	8	03-Mar-18	13-Mar-18	30-Apr-18	14-May-18	100%	0%	-49
A59510	Install void former /Construct Carriage External Wall (C&B)-	14	29-Jan-18	18-Feb-18	15-May-18	21-Jun-18	100%	0%	-123
Zone D2 (GL 5-7/H-M)									
A42920	Complete Zone D2 Structure	0		09-May-18		06-Jul-18	0%	0%	-47
A16270	Stage 10 - 3F concrete curing (GL 5-7/H-M)	7	10-Feb-18	13-Feb-18	30-Mar-18	06-Apr-18	100%	0%	-51
A16280	Stage 11 - Removal of stability prop & de-prop 3F falsework	5	14-Feb-18	22-Feb-18	06-Apr-18	12-Apr-18	100%	0%	-37
A16180	Stage 12 - Construct wall, column & GF slab (GL 5-8/K-M)	16	12-Apr-18	02-May-18	31-May-18	26-Jun-18	0%	0%	-45
A16210	Stage 12 - De-prop carriage wall (GL 1-8/M)	3	05-May-18	09-May-18	03-Jul-18	06-Jul-18	0%	0%	-47
A16200	Stage 12 - De-prop GF (GL 5-8/H-M)	3	05-May-18	09-May-18	03-Jul-18	06-Jul-18	0%	0%	-47
A16190	Stage 12 - GF concrete curing	7	02-May-18	05-May-18	26-Jun-18	03-Jul-18	0%	0%	-59
A16090	Stage 9 - 1MF & 2F concrete curing/De-prop/Remove Falsev	16	10-Jan-18	29-Jan-18	05-Feb-18 A	02-Mar-18 A	100%	100%	-25
A16260	Stage 9 - Construct wall, column & 3F slab (GL 5-7/H-M)	18	22-Jan-18	10-Feb-18	26-Feb-18 A	10-Mar-18 A	100%	100%	-20
Zone B @5-7/E-J									
A48010	Complete Zone B Structure	0		19-Mar-18		03-Jul-18	100%	0%	-83
A16290	Stage 1 - Construct 1M slab (GL 5-7/E-J)	16	12-Dec-17	03-Jan-18	17-Apr-18	09-May-18	100%	0%	-101
A16300	Stage 2 - Construct 1MF-2F wall, column & GF slab (GL 5-7/	16	03-Jan-18	22-Jan-18	10-May-18	29-May-18	100%	0%	-101
A16310	Stage 3 - Construct B1 slab (GL 5-7/E-J)	16	22-Jan-18	09-Feb-18	30-May-18	16-Jun-18	100%	0%	-101
A16320	Stage 4 - Construct 2F-3F wall, column (GL 5-7/E-J)	16	12-Feb-18	05-Mar-18	30-May-18	16-Jun-18	100%	0%	-83
A16330	Stage 5 - Construct B1-GF wall, column & GF-1MF Hanger C	9	06-Mar-18	15-Mar-18	19-Jun-18	28-Jun-18	100%	0%	-83
A16340	Stage 6 - De-prop Zone B (GL 5-7/E-J)	3	16-Mar-18	19-Mar-18	29-Jun-18	03-Jul-18	100%	0%	-83
Zone Q @5-7/D-F									
A16410	Complete Zone Q Structure	0		27-Mar-18		13-Jul-18	100%	0%	-85
A16350	Stage 1 - Construct 1M wall, column & slab (GL 5-7/D-F)	16	03-Jan-18	22-Jan-18	03-Apr-18	21-Apr-18	100%	0%	-71
A16360	Stage 2 - Construct 1MF-2F wall, column & GF slab (GL 5-7/	16	22-Jan-18	09-Feb-18	23-Apr-18	11-May-18	100%	0%	-71
A16380	Stage 3 - Construct 2F-3F wall, column (GL 5-7/D-F)	16	06-Mar-18	23-Mar-18	12-May-18	31-May-18	100%	0%	-53
A16370	Stage 4 - Construct B1 slab (GL 5-7/D-F)	16	09-Feb-18	03-Mar-18	01-Jun-18	20-Jun-18	100%	0%	-87
A16390	Stage 5 - Construct B1-GF wall, column & GF-1MF Hanger C	16	06-Mar-18	23-Mar-18	21-Jun-18	10-Jul-18	100%	0%	-85
A16400	Stage 6 - De-prop Zone Q (GL 5-7/D-F)	3	24-Mar-18	27-Mar-18	11-Jul-18	13-Jul-18	100%	0%	-85
Podium Structure Zone K, L & P (Deferred Zone Near T1 & T2)									
Zone P (Revised Sequence) @GL 8-11/D-H									
WB45 Construction									
A60019	Deprop WB45, WB44, 1MF slab & beams (GL 8-11/D-F) - S	11	13-Dec-17	28-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-87
WB11 Construction									
A60130	2F slab Concrete Curing	7	30-Jan-18	02-Feb-18	18-Apr-18	29-Apr-18	100%	0%	-87
A60137	3F Concrete Curing	7	28-Feb-18	03-Mar-18	04-May-18	11-May-18	100%	0%	-69
A60050	Concrete Curing of 1F beam & 2F slab (GL 8-9/F-H)	7	18-Jan-18	21-Jan-18	06-Apr-18	13-Apr-18	100%	0%	-82
A60110	Construct 1F hanger column & walls (GL 9-11/D-J)	14	08-May-18	25-May-18	25-Jun-18	10-Jul-18	0%	0%	-37
A60120	Construct 2F slab (GL 8-11/D-H)	27	28-Dec-17	30-Jan-18	02-Nov-17 A	17-Apr-18	100%	56%	-60
A60136	Construct 2F wall, column & 3/F slab (GL 8-11/D-H)	22	30-Jan-18	28-Feb-18	18-Apr-18	03-May-18	100%	0%	-51
A60065	Construct B1 Slab (GL 8-11/D-H)	22	26-Mar-18	25-Apr-18	09-Aug-18	30-Aug-18	15.15%	0%	-105
A60070	Construct GF column & slab (GL 8-11/E-H)	20	12-Apr-18	07-May-18	30-May-18	22-Jun-18	0%	0%	-39
A60140	De-prop 1F (GL 9-11/D-J)	3	25-May-18	29-May-18	10-Jul-18	13-Jul-18	0%	0%	-37
A60060	De-prop 1MF (GL 8-11/F-H) (together w/ Zone K & L)	6	02-Feb-18	09-Feb-18	30-Apr-18	08-May-18	100%	0%	-68
A60138	De-prop 2F (GL 8-11/D-J)	3	03-Mar-18	07-Mar-18	11-May-18	26-May-18	100%	0%	-63
A60150	De-prop GF (GL 8-11/D-J)	3	29-May-18	01-Jun-18	13-Jul-18	17-Jul-18	0%	0%	-37
A60090	GF Concrete Curing	2	07-May-18	08-May-18	23-Jun-18	25-Jun-18	0%	0%	-48
A60020	Propping & Construct WB11 (Section X), 1MF slab & beams	32	30-Nov-17	10-Jan-18	02-Feb-18 A	04-Apr-18	100%	95%	-66
40-Seat Cinema (G.L 9-10 / G-H)									
A65010	Construct B1F-LGF walls, columns, 40-seat cinema inclined s	34	12-Apr-18	26-May-18	22-Aug-18	22-Sep-18	0%	0%	-120
A65030	Construct GF hanger columns	14	26-May-18	13-Jun-18	23-Sep-18	07-Oct-18	0%	0%	-116
A65020	Construct LGF-GF walls, columns, beam, GF slab	14	13-Jun-18	03-Jul-18	07-Oct-18	21-Oct-18	0%	0%	-110
Retaining Wall @ GL 8-11/D-F									
A64020	Stage 4 - Construct retaining wall @B2F +1 to +2mPD @ GL 8	6	28-Feb-18	07-Mar-18	16-May-18	23-May-18	100%	0%	-61
A64040	Stage 4 - Construct retaining wall @B2F +2 to +6mPD @GL 8	9	20-Mar-18	03-Apr-18	06-Jun-18	15-Jun-18	96.3%	0%	-61
A64030	Stage 4 - Construct slab @ +2mPD GL 8-11/D-F	11	07-Mar-18	20-Mar-18	24-May-18	05-Jun-18	100%	0%	-61
A64010	Stage 4 - Excavate existing GF @ +5mPD to +2mPDF @ GL 8-	11	12-Feb-18	28-Feb-18	03-May-18	15-May-18	100%	0%	-61
A64000	Stage 4 - Remove strut @ GL 8-11/D-F	2	09-Feb-18	12-Feb-18	30-Apr-18	02-May-18	100%	0%	-61



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

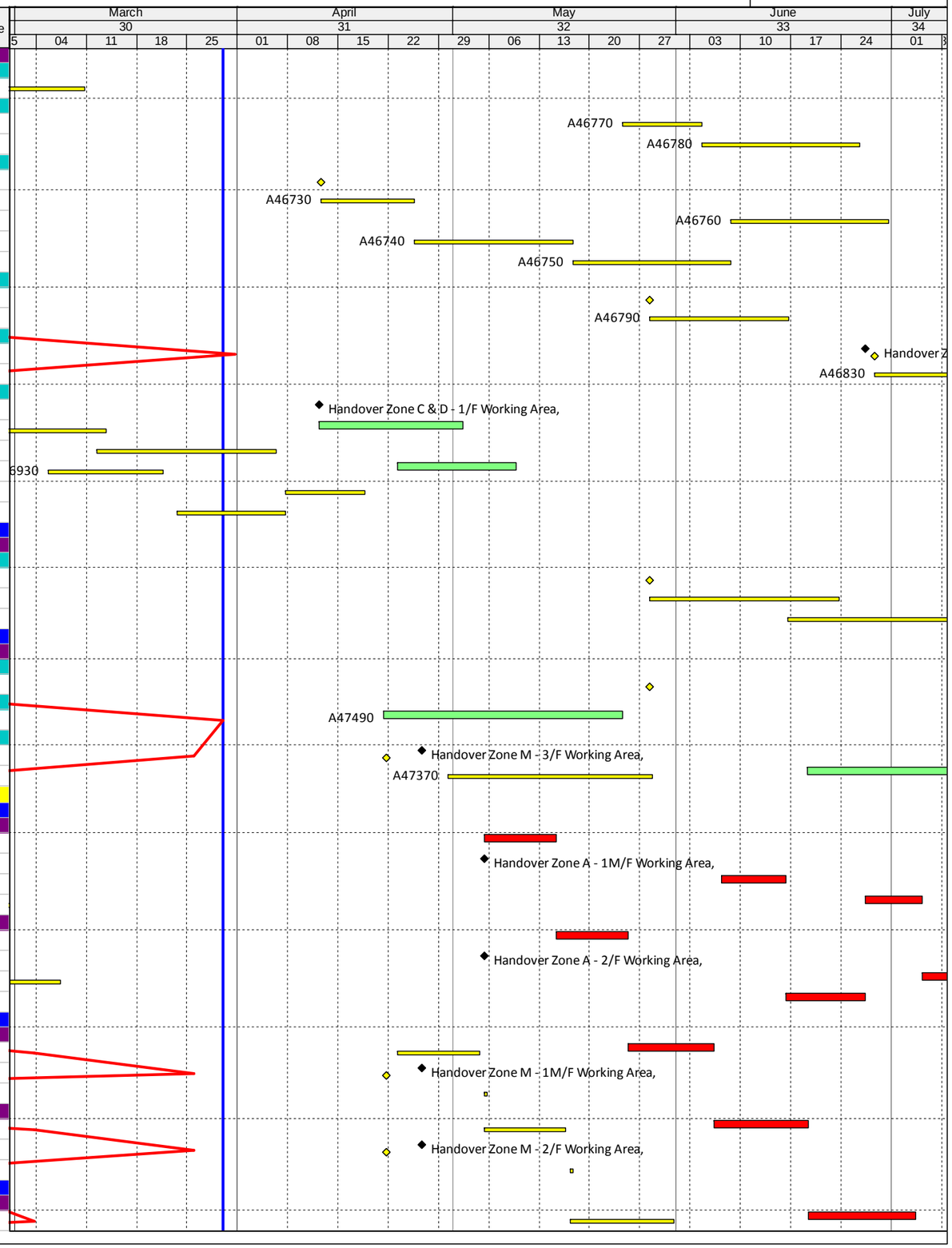
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Zone K & L (Revised Sequence) @GL 8-11/H-M (K, L & P de-prop together)									
A60235	Propping for 3/F	0			15-Apr-18	30-Apr-18	0%	0%	
A60230	Stage 10 - Construct GF hanger column & wall (GL 8-11/H-M	23	30-May-18	26-Jun-18	24-Jul-18	18-Aug-18	0%	0%	-45
A60260	Stage 10 - De-prop 2F (GL 8-11/H-M)	7	09-May-18	17-May-18	26-Feb-18 A	04-Apr-18	0%	80%	35
A60250	Stage 10 - GF Concrete Curing	17	26-Jun-18	03-Jul-18	19-Aug-18	04-Sep-18	0%	0%	-63
A60215	Stage 7 - Concrete Curing of WB11, 1MF, 2F beam	17	10-Mar-18	17-Mar-18	30-Apr-18	16-May-18	100%	0%	-60
A60195	Stage 7 - Propping & Construct WB11 (Section Y & Z), 1MF s	25	18-Dec-17	18-Jan-18	20-Dec-17 A	06-Apr-18	100%	90%	-60
A60218	Stage 8 - Construct B1 slab (GL 8-11/H-K)	25	26-Mar-18	27-Apr-18	04-Apr-18	05-May-18	16%	0%	-5
A60217	Stage 8 - Deprop WB11 (GL 9-10/H-K) & 1MF beam & 2F sla	6	19-Mar-18	24-Mar-18	16-May-18	24-May-18	100%	0%	-46
A60240	Stage 8 - Propping & Construct 1MF column, wall & 2F slab	25	19-Jan-18	20-Feb-18	05-Feb-18 A	14-Apr-18	100%	60%	-42
A60225	Stage 9 - Construct GF slab (GL 8-11/H-M)	25	28-Apr-18	29-May-18	23-Jun-18	23-Jul-18	0%	0%	-45
A60220	Stage 9 - Propping & Construct 2F column, wall & 3F slab (G	25	03-Apr-18	03-May-18	24-May-18	22-Jun-18	0%	0%	-41
180-Seat Cinema (G.L. 8-10 / H-K)									
A64980	Construct B1F-LGF walls, columns, 180-seat cinema inclined	38	07-Jun-18	23-Jul-18	30-Aug-18	15-Oct-18	0%	0%	-70
A65000	Construct GF hanger columns	16	18-May-18	06-Jun-18	11-Aug-18	29-Aug-18	0%	0%	-70
A64990	Construct LGF-GF walls, columns, beam, GF slab	16	28-Apr-18	17-May-18	24-Jul-18	10-Aug-18	0%	0%	-70
Podium Structure Zone E, G & J (Deferred Zone Near T3 & T4)									
Zone E @GL 8-11/A-C (not within deferred zone)									
A16930	Stage 9 - De-prop 1MF & 3F Slab	6	08-Nov-17	14-Nov-17	27-Jan-18 A	03-Apr-18	100%	90%	-111
Zone E1 Connecting Zone @GL 8-11/C-D									
A17040	Stage 8 - 1F, GF, 2/F & 3F slab Concrete Curing	7	16-Mar-18	19-Mar-18	29-May-18	05-Jun-18	100%	0%	-77
A17020	Stage 8 - Construct 2/F beam & 3/F slab (GL 11-8/C-D)	16	23-Feb-18	14-Mar-18	19-Jan-18 A	12-Apr-18	100%	50%	-21
A65190	Stage 8 - Construct B1/F slab	0			13-Apr-18	26-Apr-18	0%	0%	
A17060	Stage 9 - Complete De-propping 1MF for E1 & E2	0		12-Apr-18		19-Apr-18	0%	0%	-6
A17030	Stage 9 - Construct B1-GF wall,column & slab (GL 11-10/C-D	16	26-Feb-18	16-Mar-18	09-May-18	28-May-18	100%	0%	-56
A17050	Stage 9 - De-prop GF (GL 14-13/A-G) & 3F (GL 13-11/A-G)	3	09-Apr-18	12-Apr-18	26-Feb-18 A	04-Apr-18	0%	40%	6
A17025	Stage 9- Construct GF-1F Wall/Column Slab (GL 11-8/C-D)	16	16-Mar-18	09-Apr-18	29-May-18	15-Jun-18	69.44%	0%	-56
Zone G @GL 11-14/A-F (Revised Sequence)									
A63000	Complete Zone G Structure	0		30-May-18		15-Aug-18	0%	0%	-64
GL 11-14/B-E (B1 to L3)									
A63220	Construct B1 Slab	16	06-Apr-18	25-Apr-18	20-Jun-18	09-Jul-18	0%	0%	-61
A63200	Construct B1-GF Wall/Column/Slab and above 3/F Structure	11	20-Mar-18	06-Apr-18	06-Jun-18	19-Jun-18	78.79%	0%	-61
A63280	Construct GF-1F Wall/Column/Slab, Hanger Column to 1MF	16	25-Apr-18	15-May-18	10-Jul-18	27-Jul-18	0%	0%	-61
A63250	Stage 8 - Construct escalator structure (GL 12-11/D)	7	15-May-18	24-May-18	28-Jul-18	04-Aug-18	0%	0%	-61
A63260	Stage 8 - GF, 1F & escalator structure Concrete Curing	7	24-May-18	27-May-18	05-Aug-18	12-Aug-18	0%	0%	-77
A63270	Stage 9 - De-prop 1F & escalator structure	3	28-May-18	30-May-18	13-Aug-18	15-Aug-18	0%	0%	-64
A63255	Stage 9- Construct 2F-3F, Wall/Column/Slab (GL 11-14/B-E)	16	14-Mar-18	06-Apr-18	26-Feb-18 A	07-Apr-18	81.94%	75%	-1
GL 11-14/A-B (B1 to L3)									
A63080	Stage 8 - Construct 3/F beam & slab (GL 14-12/A-B)	11	06-Apr-18	19-Apr-18	29-Jan-18 A	06-Feb-18 A	0%	100%	56
Zone J @ GL 11-14/H-F									
A46420	Complete Zone J Structure	0		28-Jun-18		27-Jun-18	0%	0%	2
A46350	Construct 2F Slab (GL 11-14/E-H)	22	13-Jan-18	08-Feb-18	12-Apr-18	07-May-18	100%	0%	-66
A46370	Construct B1 slab (GL 11-14/E-H)	16	03-May-18	23-May-18	10-May-18	25-May-18	0%	0%	-1
A46360	Construct Wall, Column & 3F slab (GL 11-14/E-H)	11	19-Apr-18	03-May-18	07-May-18	21-May-18	0%	0%	-14
A46380	Construct Wall, Column & LGF, (Cinema), GF slab (GL 11-14/	16	23-May-18	11-Jun-18	25-May-18	09-Jun-18	0%	0%	2
A46400	Construct Wall, Column 1F (GL 11-14/F-H)	8	11-Jun-18	21-Jun-18	09-Jun-18	20-Jun-18	0%	0%	2
A46340	Construct WB15 (GL F- H+) ,1MF Slab, Wall, Column (GL 11-	22	15-Dec-17	13-Jan-18	08-Feb-18 A	12-Apr-18	100%	70%	-68
A46410	De-prop 1F (GL 11-14/F-H)	3	21-Jun-18	25-Jun-18	20-Jun-18	23-Jun-18	0%	0%	2
A46355	De-prop 1MF (GL 12-14/E-H)	3	08-Feb-18	12-Feb-18	07-May-18	10-May-18	100%	0%	-66
A46415	De-prop GF (GL 11-14/F-H)	3	25-Jun-18	28-Jun-18	23-Jun-18	27-Jun-18	0%	0%	2
Auditorium									
A60290	Auditorium slab Concrete Curing	17	08-Jun-18	15-Jun-18	11-Jul-18	28-Jul-18	0%	0%	-43
A60270	Construct auditorium beam & slab (GL 10-13)	18	17-May-18	08-Jun-18	10-May-18	11-Jul-18	0%	0%	-26
A60780	Construct enclosure above Auditorium	5	08-Jun-18	14-Jun-18	28-Jul-18	13-Oct-18	0%	0%	-100
A60300	De-prop auditorium beam & slab	3	15-Jun-18	20-Jun-18	28-Jul-18	31-Jul-18	0%	0%	-35
M+ Podium Glass Wall & Skylight (By RedLand, Permasteelisa)									
(By Permasteelisa) Preliminary Works									
A41110	Handover of Working Areas @ Zone A & provide reference li	0		21-Dec-17		07-Apr-18	100%	0%	-82
A41130	Submission of Embeds Survey Report	54	10-Jan-18	17-Mar-18	24-Apr-18	29-Jun-18	100%	0%	-82
A41120	Surveying for Embeds	54	22-Dec-17	01-Mar-18	09-Apr-18	20-Jun-18	100%	0%	-88
1/F to 2/F Level									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

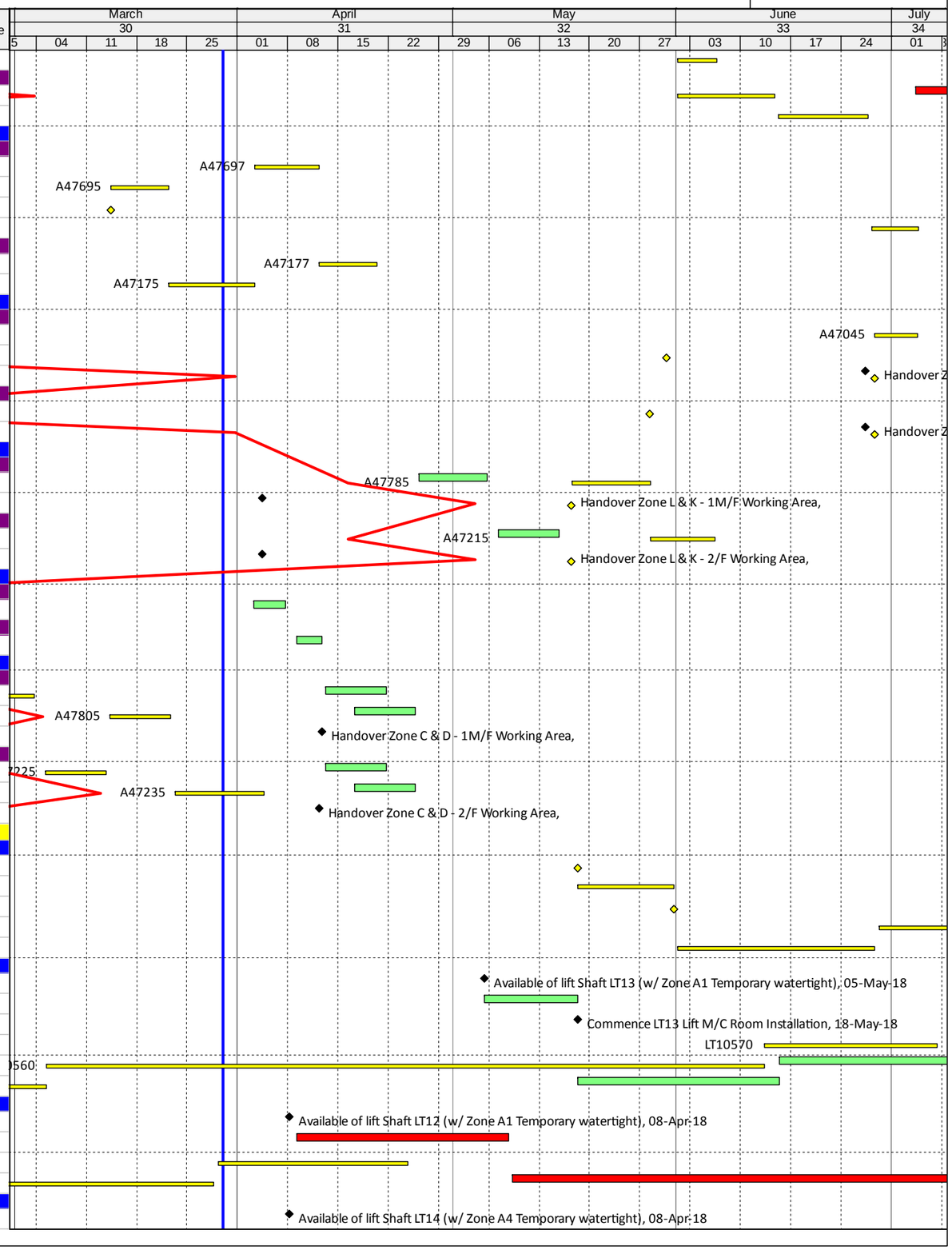
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
(By Permasteelisa) Glass Wall with Ceramic/Ceramic Mullion/Precast Concrete									
Zone A									
A46710	PISA-Install Glass Wall with Ceramic Tube w/ PC & AL Panel (	27	05-Feb-18	10-Mar-18	16-Oct-18	16-Nov-18	100%	0%	-204
Zone H									
A46770	PISA-Install Ceramic Tube @ GL 12/K-M (FAC-CE-02a)	9	24-May-18	04-Jun-18	08-Sep-18	19-Sep-18	0%	0%	-90
A46780	PISA-Install Glass Wall with Ceramic Mullion @ GL 12-13/H-	18	04-Jun-18	26-Jun-18	08-Sep-18	02-Oct-18	0%	0%	-81
Zone E									
A46610	Handover Zone E - 1/F Working Area	0		12-Apr-18		16-Nov-18	0%	0%	-180
A46730	PISA-Install Ceramic Tube @ GL 9-11/B-F (FAC-CE-02a)	11	12-Apr-18	25-Apr-18	17-Nov-18	29-Nov-18	0%	0%	-180
A46760	PISA-Install Glass Wall with Ceramic Mullion & Wood Cap @	18	08-Jun-18	30-Jun-18	15-Jan-19	04-Feb-19	0%	0%	-180
A46740	PISA-Install Glass Wall with Ceramic Mullion @ GL 8-9/C-D (	18	25-Apr-18	17-May-18	30-Nov-18	20-Dec-18	0%	0%	-180
A46750	PISA-Install Glass Wall with Ceramic Tube w/ PC & AL Panel (	18	17-May-18	08-Jun-18	21-Dec-18	14-Jan-19	0%	0%	-180
Zone G									
A46630	Handover Zone G - 1/F Working Area	0		28-May-18		13-Aug-18	0%	0%	-64
A46790	PISA-Install Glass Wall with Ceramic Mullion @ GL 11-13/E-(	18	28-May-18	16-Jun-18	13-Aug-18	01-Sep-18	0%	0%	-64
Zone J									
A46640	Handover Zone J - 1/F Working Area	0		28-Jun-18		27-Jun-18	0%	0%	2
A46830	PISA-Install Glass Wall with Ceramic Mullion @ GL 11-13/G-	18	28-Jun-18	20-Jul-18	13-Aug-18	01-Sep-18	0%	0%	-37
Zone C & D									
A46680	Handover Zone C & D - 1/F Working Area	0		22-Feb-18		12-Apr-18	100%	0%	-37
A46950	PISA-Install Ceramic Tube @ GL 5-6/J-K, 2-3/K-M (FAC-CE-0	16	23-Feb-18	13-Mar-18	12-Apr-18	02-May-18	100%	0%	-37
A46940	PISA-Install Glass Wall with Ceramic Mullion @ GL 2-5/H-L (F	18	12-Mar-18	06-Apr-18	27-Oct-18	16-Nov-18	87.65%	0%	-186
A46930	PISA-Install Glass Wall with Ceramic Mullion @ GL 5-8/J-L (F.	14	05-Mar-18	21-Mar-18	23-Apr-18	09-May-18	100%	0%	-37
A46980	PISA-Install Glass Wall with PC & AL Panel @ GL 2-3/K-L (FA(	9	07-Apr-18	18-Apr-18	30-Oct-18	08-Nov-18	0%	0%	-168
A46970	PISA-Install Glass Wall with PC & AL Panel @ GL 4-6/J-K (FA(	9	23-Mar-18	07-Apr-18	30-Oct-18	08-Nov-18	56.79%	0%	-177
2/F to 3/F Level									
(By Permasteelisa) Glass Wall with PC Mullion/Ceramic Cladding									
Zone G									
A47080	Handover Zone G - 2/F Working Area	0		28-May-18		08-Nov-18	0%	0%	-137
A47100	Install Garden Gallery Ceramic Cladding @ GL 11-13/C-D (FA	23	28-May-18	23-Jun-18	09-Nov-18	05-Dec-18	0%	0%	-137
A47110	Install Glass Wall with PC Mullion & Wood Cap @ GL 11-13/	23	16-Jun-18	16-Jul-18	29-Nov-18	28-Dec-18	0%	0%	-137
3/F Roof Level									
(By Permasteelisa) Skylight/Ceramic Cladding/Storefront									
Zone G									
A47330	Handover Zone G - 3/F Working Area	0		28-May-18		13-Aug-18	0%	0%	-64
Zone C & D									
A47490	Install Precast Wall & Roof Cladding (Skylight Gallery) @ GL	0			21-Apr-18	24-May-18	0%	0%	
Zone M, F & N									
A47590	Handover Zone M - 3/F Working Area	0		21-Apr-18		26-Apr-18	0%	0%	-4
A47370	Install L3 Storefront @ GL 7-8/B-E (FAC-CW-08a,08b)	23	30-Apr-18	28-May-18	19-Jun-18	17-Jul-18	0%	0%	-40
M+ Podium External Envelope (By Permasteelisa)									
Zone A									
Podium Facade Panel (1M/F External)									
A47635	Bracket Installation & Embed Remedial 1M/F @ GL 1/A-H	8	20-Jan-18	30-Jan-18	05-May-18	15-May-18	100%	0%	-82
A47010	Handover Zone A - 1M/F Working Area	0		20-Jan-18		05-May-18	100%	0%	-82
A47640	Install Podium Facade Panel Zone A - 1M/F @ GL 1/A-H (52	8	30-Jan-18	08-Feb-18	07-Jun-18	16-Jun-18	100%	0%	-101
A47660	Install Podium Facade Panel Zone A -1M/F @ GL 1-8/A (37 r	6	21-Feb-18	28-Feb-18	27-Jun-18	05-Jul-18	100%	0%	-101
Podium Facade Panel (2/F External)									
A47645	Bracket Installation & Embed Remedial 2/F @ GL 1-8/A	8	30-Jan-18	08-Feb-18	15-May-18	25-May-18	100%	0%	-82
A47160	Handover Zone A - 2/F Working Area	0		20-Jan-18		05-May-18	100%	0%	-82
A47670	Install Podium Facade Panel 2/F @ GL 1-8/A (37 nos.)	6	28-Feb-18	07-Mar-18	05-Jul-18	12-Jul-18	100%	0%	-101
A47650	Install Podium Facade Panel 2/F @ GL 1/A-H (52 nos.)	8	08-Feb-18	21-Feb-18	16-Jun-18	27-Jun-18	100%	0%	-101
Zone M									
Podium Facade Panel (1M/F External)									
A22390	Bracket Installation & Embed Remedial 1M/F @ GL 7-8/A	10	23-Apr-18	04-May-18	25-May-18	06-Jun-18	0%	0%	-26
A22380	Handover Zone M - 1M/F Working Area	0		21-Apr-18		26-Apr-18	0%	0%	-4
A22400	Install Podium Facade Panel Zone M - 1M/F @ GL 7-8/A (7 r	1	05-May-18	05-May-18	15-Sep-18	17-Sep-18	0%	0%	-112
Podium Facade Panel (2/F External)									
A22445	Bracket Installation & Embed Remedial 2/F @ GL 7-8/A	10	05-May-18	16-May-18	06-Jun-18	19-Jun-18	0%	0%	-26
A22440	Handover Zone M - 2/F Working Area	0		21-Apr-18		26-Apr-18	0%	0%	-4
A22450	Install Podium Facade Panel Zone M - 2/F @ GL 7-8/A (7 no:	1	17-May-18	17-May-18	12-Jul-18	13-Jul-18	0%	0%	-45
Zone E									
Podium Facade Panel (1M/F External)									
A47675	Bracket Installation & Embed Remedial 1M/F @ GL 8-11/A	12	17-May-18	31-May-18	19-Jun-18	04-Jul-18	0%	0%	-26



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

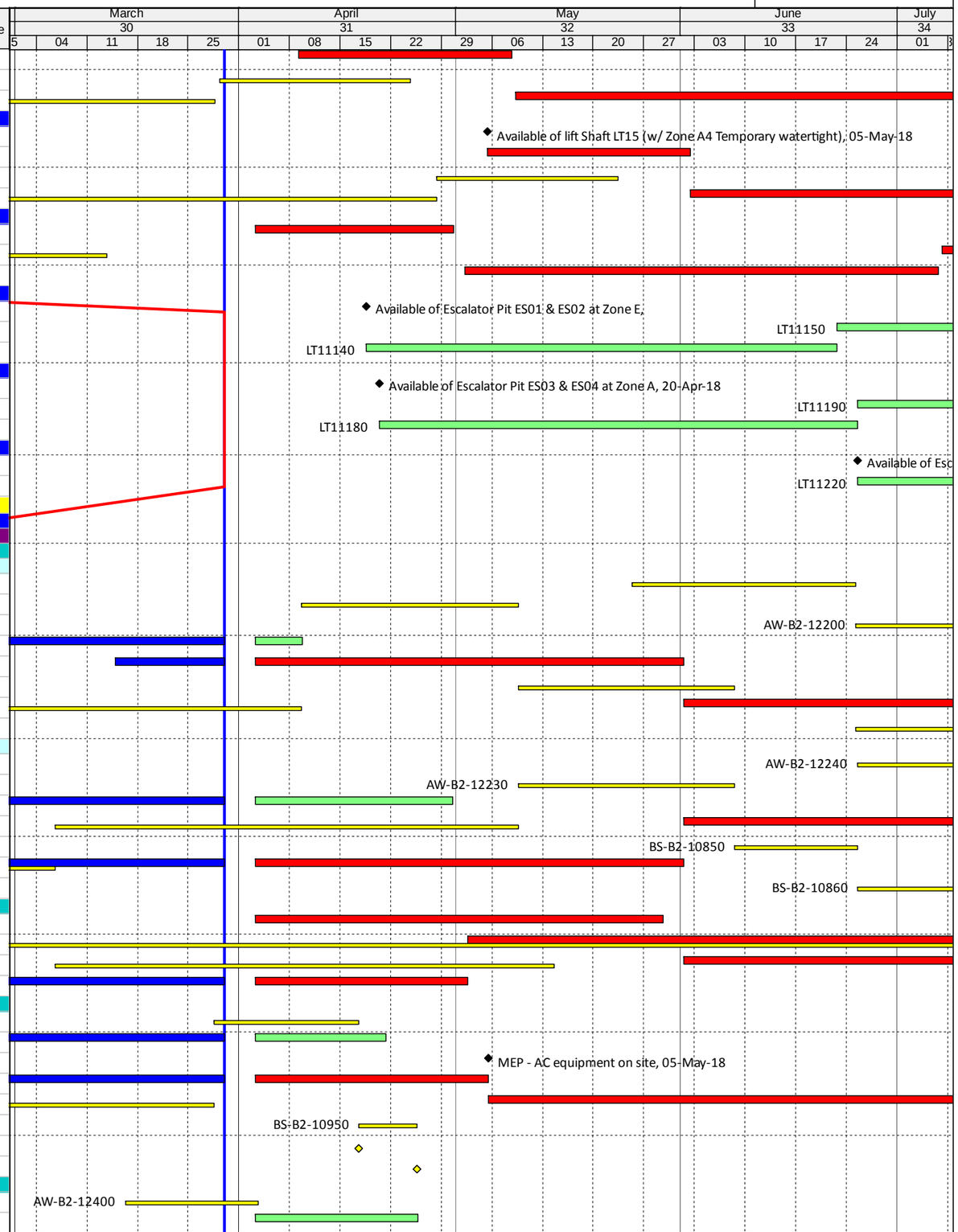
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A47680	Install Podium Facade Panel Zone E - 1M/F @ GL 8-11/A (29	5	01-Jun-18	06-Jun-18	17-Sep-18	22-Sep-18	0%	0%	-91
Podium Facade Panel (2/F External)									
A47685	Bracket Installation & Embed Remedial 2/F @ GL 8-11/A	12	01-Jun-18	14-Jun-18	04-Jul-18	18-Jul-18	0%	0%	-26
A47690	Install Podium Facade Panel 2/F Zone E @ GL 8-11/A (29 no	10	15-Jun-18	27-Jun-18	06-Oct-18	18-Oct-18	0%	0%	-93
Zone H									
Podium Facade Panel (1M/F External)									
A47697	Bracket Installation & Embed Remedial 1M/F @ GL 11-14/M	7	03-Apr-18	12-Apr-18	16-Aug-18	24-Aug-18	0%	0%	-111
A47695	Bracket Installation & Embed Remedial 1M/F @ GL 14/H-M	7	14-Mar-18	22-Mar-18	31-Jul-18	08-Aug-18	100%	0%	-111
A47020	Handover Zone H - 1M/F Working Area	0		14-Mar-18		31-Jul-18	100%	0%	-111
A47700	Install Podium Facade Panel 1M/F Zone H @ GL 14/H-M (30	5	28-Jun-18	04-Jul-18	19-Oct-18	24-Oct-18	0%	0%	-93
Podium Facade Panel (2/F External)									
A47177	Bracket Installation & Embed Remedial 2/F @ GL 11-14/M	7	12-Apr-18	20-Apr-18	24-Aug-18	01-Sep-18	0%	0%	-111
A47175	Bracket Installation & Embed Remedial 2/F @ GL 14/H-M	7	22-Mar-18	03-Apr-18	08-Aug-18	16-Aug-18	96.83%	0%	-111
Zone G & J									
Podium Facade Panel (1M/F External)									
A47045	Bracket Installation & Embed Remedial 1M/F @ GL 11-14/A	4	28-Jun-18	04-Jul-18	16-Aug-18	20-Aug-18	0%	0%	-40
A47040	Handover Zone G - 1M/F Working Area	0		30-May-18		15-Aug-18	0%	0%	-64
A47050	Handover Zone J - 1M/F Working Area	0		28-Jun-18		27-Jun-18	0%	0%	2
Podium Facade Panel (2/F External)									
A47190	Handover Zone G - 2/F Working Area	0		28-May-18		13-Aug-18	0%	0%	-64
A47200	Handover Zone J - 2/F Working Area	0		28-Jun-18		27-Jun-18	0%	0%	2
Zone L & K									
Podium Facade Panel (1M/F External)									
A47785	Bracket Installation & Embed Remedial 1M/F @ GL 7-11/M	8	17-May-18	28-May-18	26-Apr-18	05-May-18	0%	0%	17
A47060	Handover Zone L & K - 1M/F Working Area	0		17-May-18		04-Apr-18	0%	0%	35
Podium Facade Panel (2/F External)									
A47215	Bracket Installation & Embed Remedial 2/F @ GL 7-11/M	8	28-May-18	06-Jun-18	07-May-18	15-May-18	0%	0%	17
A47210	Handover Zone L & K - 2/F Working Area	0		17-May-18		04-Apr-18	0%	0%	35
Zone N									
Podium Facade Panel (1M/F External)									
A22420	Bracket Installation & Embed Remedial 1M/F @ GL 7-8/M	4	18-Nov-17	23-Nov-17	03-Apr-18	07-Apr-18	100%	0%	-107
Podium Facade Panel (2/F External)									
A22465	Bracket Installation & Embed Remedial 2/F @ GL 7-8/M	4	23-Nov-17	28-Nov-17	09-Apr-18	12-Apr-18	100%	0%	-107
Zone C & D									
Podium Facade Panel (1M/F External)									
A47075	Bracket Installation & Embed Remedial @ GL 1-7/M	8	23-Feb-18	03-Mar-18	13-Apr-18	21-Apr-18	100%	0%	-38
A47805	Bracket Installation & Embed Remedial @ GL 1/H-M	8	14-Mar-18	22-Mar-18	17-Apr-18	25-Apr-18	100%	0%	-25
A47070	Handover Zone C & D - 1M/F Working Area	0		22-Feb-18		12-Apr-18	100%	0%	-38
Podium Facade Panel (2/F External)									
A47225	Bracket Installation & Embed Remedial @ GL 1-7/M	8	05-Mar-18	13-Mar-18	13-Apr-18	21-Apr-18	100%	0%	-30
A47235	Bracket Installation & Embed Remedial @ GL 1/H-M	8	23-Mar-18	04-Apr-18	17-Apr-18	25-Apr-18	75%	0%	-17
A47220	Handover Zone C & D - 2/F Working Area	0		22-Feb-18		12-Apr-18	100%	0%	-37
M+ Podium Lift & Escalator Installation									
Art Lift (LT11) @ Zone M									
LT10470	Available of lift Shaft LT11 (w/ Tower A Weathertight)	0	18-May-18		16-Aug-18		0%	0%	-90
LT10475	Builders' Work for LT11 Lift Shaft & M/C Room	11	18-May-18	31-May-18	16-Aug-18	28-Aug-18	0%	0%	-74
LT10480	Commence LT11 Lift M/C Room Installation	0	31-May-18		29-Aug-18		0%	0%	-89
LT10500	Lift Car Installation (LT11)	80	29-Jun-18	03-Oct-18	26-Sep-18	02-Jan-19	0%	0%	-74
LT10490	Lift M/C Room Installation @ B2/F (LT11)	23	01-Jun-18	28-Jun-18	29-Aug-18	24-Sep-18	0%	0%	-74
Art Lift (LT13) @ Zone A1									
LT10530	Available of lift Shaft LT13 (w/ Zone A1 Temporary watertigh	0	20-Jan-18		05-May-18		100%	0%	-105
LT10535	Builders' Work for LT13 Lift Shaft & M/C Room	11	20-Jan-18	02-Feb-18	05-May-18	18-May-18	100%	0%	-82
LT10540	Commence LT13 Lift M/C Room Installation	0	02-Feb-18		18-May-18		100%	0%	-105
LT10570	EMSD Inspection (LT13)	19	13-Jun-18	07-Jul-18	19-Sep-18	13-Oct-18	0%	0%	-82
LT10560	Lift Car Installation (LT13)	80	05-Mar-18	13-Jun-18	15-Jun-18	19-Sep-18	27.22%	0%	-82
LT10550	Lift M/C Room Installation @ B2/F (LT13)	23	02-Feb-18	05-Mar-18	18-May-18	15-Jun-18	100%	0%	-82
Passenger Lift, FS & Disable Lift (LT12) @ Zone A1									
LT10590	Available of lift Shaft LT12 (w/ Zone A1 Temporary watertigh	0	21-Dec-17		08-Apr-18		100%	0%	-107
LT10600	Builders' Work for LT12 Lift Shaft	23	22-Dec-17	20-Jan-18	09-Apr-18	08-May-18	100%	0%	-84
LT10620	EMSD Inspection (LT12)	19	29-Mar-18	24-Apr-18	14-Jul-18	04-Aug-18	5.26%	0%	-84
LT10610	Lift Car Installation (LT12)	54	22-Jan-18	28-Mar-18	09-May-18	13-Jul-18	100%	0%	-84
Passenger Lift, FS & Disable Lift (LT14) @ Zone A4									
LT10640	Available of lift Shaft LT14 (w/ Zone A4 Temporary watertigh	0	21-Dec-17		08-Apr-18		100%	0%	-107



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

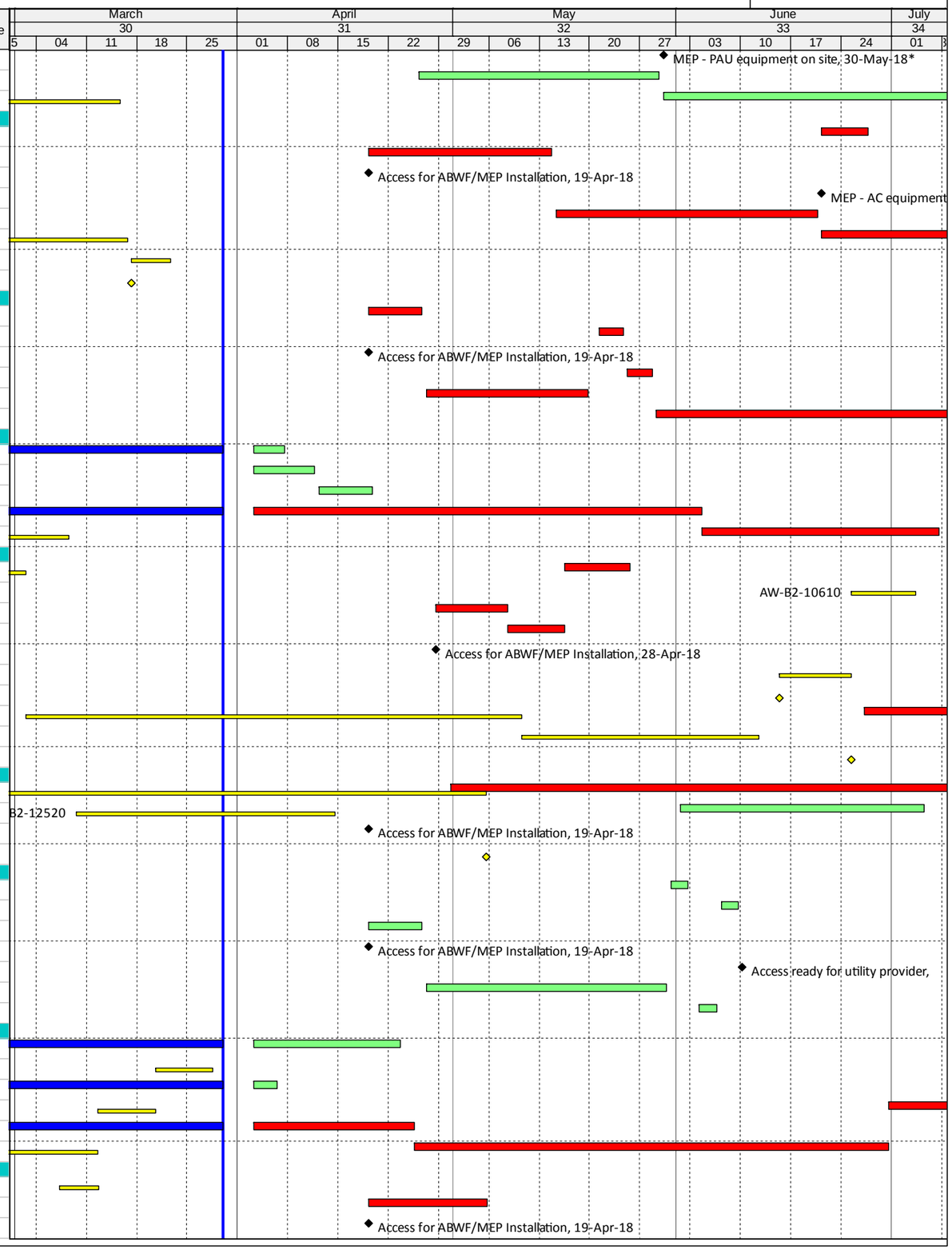
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
LT10650	Builders' Work for LT14 Lift Shaft	23	22-Dec-17	20-Jan-18	09-Apr-18	08-May-18	100%	0%	-84
LT10670	EMSD Inspection (LT14)	19	29-Mar-18	24-Apr-18	14-Jul-18	04-Aug-18	5.26%	0%	-84
LT10660	Lift Car Installation (LT14)	54	22-Jan-18	28-Mar-18	09-May-18	13-Jul-18	100%	0%	-84
Passenger Lift, Diable Lift (LT15, LT16 & LT17) @ Zone A4									
LT10690	Available of lift Shaft LT15 (w/ Zone A4 Temporary watertigh	0	20-Jan-18		05-May-18		100%	0%	-105
LT10700	Builders' Work for LT15 , LT16 & LT17 Lift Shafts	23	20-Jan-18	20-Feb-18	05-May-18	02-Jun-18	100%	0%	-82
LT10720	EMSD Inspection (LT15, LT16 & LT17)	19	28-Apr-18	23-May-18	07-Aug-18	29-Aug-18	0%	0%	-82
LT10710	Lifts Car Installation (LT15, LT16 & LT17)	54	20-Feb-18	28-Apr-18	02-Jun-18	07-Aug-18	60.7%	0%	-82
Passenger Lift, FS Lift (LT21 & LT22) @ Zone E									
LT10830	Builders' Work for LT21 & LT22 Lift Shaft	23	15-Nov-17	11-Dec-17	03-Apr-18	30-Apr-18	100%	0%	-110
LT10850	EMSD Inspection (LT21 & LT22)	19	20-Feb-18	13-Mar-18	07-Jul-18	28-Jul-18	100%	0%	-110
LT10840	Lifts Car Installation (LT21 & LT22)	54	12-Dec-17	15-Feb-18	02-May-18	06-Jul-18	100%	0%	-110
Escalators (ES01 & ES02) @ Zone E									
LT11130	Available of Escalator Pit ES01 & ES02 at Zone E	0				18-Apr-18	0%	0%	
LT11150	EMSD Inspection (ES01 & ES02)	0			22-Jun-18	16-Jul-18	0%	0%	
LT11140	Escalators ES01 & ES02 Installation	0			18-Apr-18	22-Jun-18	0%	0%	
Escalators (ES03 & ES04) @ Zone A B1F to GF									
LT11170	Available of Escalator Pit ES03 & ES04 at Zone A	0			20-Apr-18		0%	0%	
LT11190	EMSD Inspection (ES03 & ES04)	0			25-Jun-18	18-Jul-18	0%	0%	
LT11180	Escalators ES03 & ES04 Installation	0			20-Apr-18	25-Jun-18	0%	0%	
Escalators (ES05 & ES06) @ Zone A GF to 2F									
LT11210	Available of Escalator Pit ES05 & ES06 at Zone A	0			25-Jun-18		0%	0%	
LT11220	Escalators ES05 & ES06 Installation	0			25-Jun-18	12-Sep-18	0%	0%	
M+ Basement & Podium ABWF & Building Services									
B2/F									
1. CSF/RDE Zone									
Gerenal Areas /BOH/ Corridor									
Corridor/Lift Lobby									
AW-B2-1	ABWF- FS Ceiling Close up	25	25-May-18	25-Jun-18	13-Sep-18	15-Oct-18	0%	0%	-94
AW-B2-1	ABWF-Ceiling Frame (FS Ceiling)	25	09-Apr-18	09-May-18	01-Aug-18	30-Aug-18	0%	0%	-94
AW-B2-1	ABWF-Wall Final Paint/Corner Potection	25	25-Jun-18	25-Jul-18	15-Oct-18	14-Nov-18	0%	0%	-94
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 3-6)	25	02-Nov-17	01-Dec-17	12-Jan-18 A	09-Apr-18	100%	80%	-100
BS-B2-10	MEP 1st/2nd Fix-Pipes/duct/containment	50	01-Dec-17	01-Feb-18	15-Mar-18 A	01-Jun-18	100%	3%	-94
BS-B2-10	MEP Dropper	25	09-May-18	08-Jun-18	30-Aug-18	29-Sep-18	0%	0%	-94
BS-B2-10	MEP- 2nd Fix (Cabling)/Install AC equipment & connnection	50	01-Feb-18	09-Apr-18	01-Jun-18	01-Aug-18	90.67%	0%	-94
BS-B2-10	MEP-Ceiling Final Fix	25	25-Jun-18	25-Jul-18	15-Oct-18	14-Nov-18	0%	0%	-94
BOH Office/Storages Rooms (GL C' to J')									
AW-B2-1	ABWF-Ceiling Close Up (Office Ceiling Area)	13	25-Jun-18	11-Jul-18	14-Sep-18	02-Oct-18	0%	0%	-69
AW-B2-1	ABWF-Ceiling Frame/Grid (Office Ceiling Area)	25	09-May-18	08-Jun-18	01-Aug-18	30-Aug-18	0%	0%	-69
AW-B2-1	ABWF-Wet Trade:T-Post/Block Wall/Rendering/Floor Screed	25	01-Dec-17	03-Jan-18	09-Jan-18 A	30-Apr-18	100%	10%	-93
BS-B2-10	MEP- 2nd Fiix- Cabling/AC Equipment Installation/connectic	50	06-Mar-18	09-May-18	01-Jun-18	01-Aug-18	40.67%	0%	-69
BS-B2-10	MEP- FS/Lighting/A/C Dropper (Office Ceiling Area and Und	13	08-Jun-18	25-Jun-18	30-Aug-18	14-Sep-18	0%	0%	-69
BS-B2-10	MEP-1st/2nd Fix Installation	50	03-Jan-18	06-Mar-18	20-Feb-18 A	01-Jun-18	100%	3%	-69
BS-B2-10	MEP-Ceiling/Wall Final Fix	13	25-Jun-18	11-Jul-18	14-Sep-18	02-Oct-18	0%	0%	-69
Loading & Unloading Area Including Loading Bay									
AW-B2-12	ABWF-Wearing Slab Construciton	46	02-Nov-17	28-Dec-17	03-Apr-18	29-May-18	100%	0%	-120
AW-B2-12	HC-Construction Logistic/Temporary Site Storage Period	187	15-Jan-18	03-Sep-18	02-May-18	13-Dec-18	32.44%	0%	-84
BS-B2-10	MEP 2nd Fix Installation-Cabling	54	06-Mar-18	14-May-18	01-Jun-18*	06-Aug-18	37.65%	0%	-69
BS-B2-10	MEP H/L 1st Fix Installation	33	04-Dec-17	15-Jan-18	27-Nov-17 A	02-May-18	100%	28%	-84
Cappark EAF Room (B2-1-005)									
AW-B2-12	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	28-Mar-18	17-Apr-18	11-Jul-18	26-Jul-18	10.26%	0%	-82
AW-B2-12	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	24-Nov-17	16-Dec-17	05-Feb-18 A	21-Apr-18	100%	20%	-98
BS-B2-11	MEP - AC equipment on site	0	20-Jan-18		05-May-18		100%	0%	-105
BS-B2-10	MEP 1st / 2nd Fix	27	16-Dec-17	20-Jan-18	19-Feb-18 A	05-May-18	100%	2%	-82
BS-B2-11	MEP Fan / LMCP Installation	54	20-Jan-18	28-Mar-18	05-May-18	11-Jul-18	100%	0%	-82
BS-B2-10	MEP- Equipment System Self-test/Start up	7	17-Apr-18	25-Apr-18	26-Jul-18	03-Aug-18	0%	0%	-82
AS-B2-10	MEP- Room Power On	0		17-Apr-18		26-Jul-18	0%	0%	-100
AS-B2-10	Ready for System T&C	0		25-Apr-18		03-Aug-18	0%	0%	-100
PAU Room (B2-1-807M & B2-1-808M)									
AW-B2-12	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	16-Mar-18	03-Apr-18	03-Aug-18	17-Aug-18	92.31%	0%	-112
AW-B2-12	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	13-Nov-17	04-Dec-17	03-Apr-18	25-Apr-18	100%	0%	-112



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

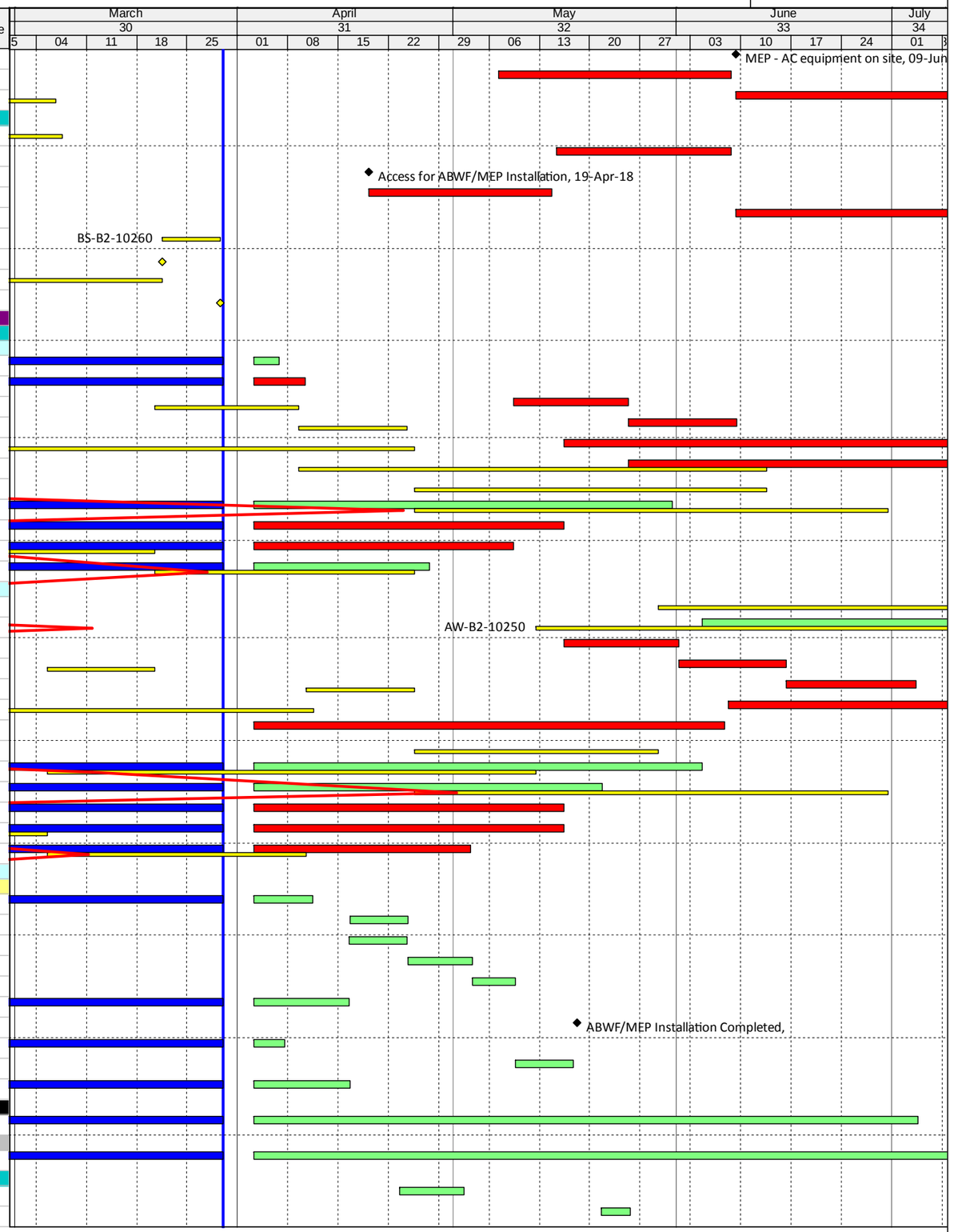
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
BS-B2-11	MEP - PAU equipment on site	0	09-Jan-18		30-May-18*		100%	0%	-141
BS-B2-10	MEP 1st / 2nd	27	05-Dec-17	08-Jan-18	26-Apr-18*	29-May-18	100%	0%	-112
BS-B2-11	MEP PAU / LMCP Installation	54	09-Jan-18	15-Mar-18	30-May-18	02-Aug-18	100%	0%	-112
Staircase Press (B2-1-801M) at GL D'-E' 4									
AW-B2-12	ABWF-Door/Ironmoaries	6	04-Jan-18	11-Jan-18	21-Jun-18	27-Jun-18	100%	0%	-133
AW-B2-12	ABWF-Plinth/Sealer	21	02-Nov-17	27-Nov-17	19-Apr-18	14-May-18	100%	0%	-133
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167
BS-B2-11	MEP - AC equipment on site	0	10-Jan-18		21-Jun-18		100%	0%	-162
BS-B2-11	MEP- 1st / 2nd Fix	30	27-Nov-17	04-Jan-18	15-May-18	20-Jun-18	100%	0%	-133
BS-B2-11	MEP- Air Duct/Fan/LMCP Installation	54	10-Jan-18	16-Mar-18	21-Jun-18	23-Aug-18	100%	0%	-129
BS-B2-11	MEP- Fan Self Test	5	17-Mar-18	22-Mar-18	24-Aug-18	29-Aug-18	100%	0%	-129
AS-B2-10	MEP-Room Power On	0		17-Mar-18		24-Aug-18	100%	0%	-160
ELV Room (B2-1-956M)									
AW-B2-12	ABWF-ceiling soffit & application of epoxy paint on wall	7	02-Nov-17	10-Nov-17	19-Apr-18	26-Apr-18	100%	0%	-133
AW-B2-12	ABWF-Wall/ floor Final Paint	3	02-Dec-17	06-Dec-17	21-May-18	24-May-18	100%	0%	-133
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167
AW-B2-12	ELV Room Door & ironmongeries installation	3	06-Dec-17	09-Dec-17	25-May-18	28-May-18	100%	0%	-133
BS-B2-11	MEP-1st/2nd Fix Installation	19	10-Nov-17	02-Dec-17	27-Apr-18	19-May-18	100%	0%	-133
BS-B2-11	MEP/ELV-Equipment Rack/Cabling	54	09-Dec-17	14-Feb-18	29-May-18	01-Aug-18	100%	0%	-133
M+ Heat Exchange Room (B2-1-806M)									
AW-B2-12	ABWF- ceiling soffit & application of epoxy paint on wall	7	18-Nov-17	27-Nov-17	08-Jan-18 A	07-Apr-18	100%	50%	-103
AW-B2-12	ABWF-Concrete plinth and waterproofing & water test	7	02-Nov-17	10-Nov-17	03-Apr-18	11-Apr-18	100%	0%	-120
AW-B2-12	ABWF-Floor Screeding & wall rendering (PD-B2GP-2460)	7	10-Nov-17	18-Nov-17	12-Apr-18	19-Apr-18	100%	0%	-120
BS-B2-11	MEP-1st/2nd Fix-Pipe/duct/Containment Installation	54	27-Nov-17	01-Feb-18	02-Jan-18 A	04-Jun-18	100%	6%	-96
BS-B2-11	MEP-Pump/HX/LMCC Installation/Final Connection	27	01-Feb-18	08-Mar-18	04-Jun-18	07-Jul-18	100%	0%	-96
Chilled Water Pump (B2-1-801R)									
AW-B2-10	ABWF- ceiling soffit & application of epoxy paint on wall	7	22-Feb-18	02-Mar-18	16-May-18	25-May-18	100%	0%	-66
AW-B2-10	ABWF- Wall/Floor Final Finish/ Door & ironmongeries install	7	25-Jun-18	04-Jul-18	11-Oct-18	19-Oct-18	0%	0%	-90
AW-B2-10	ABWF-Concrete plinth and waterproofing & water test	7	02-Feb-18	10-Feb-18	28-Apr-18	08-May-18	100%	0%	-66
AW-B2-10	ABWF-Floor Screeding & wall rendering (PD-B2GP-2460)	7	10-Feb-18	22-Feb-18	08-May-18	16-May-18	100%	0%	-66
AS-B2-10	Access for ABWF/MEP Installation	0	02-Feb-18		28-Apr-18		100%	0%	-85
AW-B2-10	MEP- Pump/System Self Test	7	15-Jun-18	25-Jun-18	03-Oct-18	10-Oct-18	0%	0%	-90
AW-B2-10	MEP- Room Power On	0	15-Jun-18		03-Oct-18		0%	0%	-110
BS-B2-10	MEP-1st/2nd Fix- Pipe/Duct/Containment Installation	54	02-Mar-18	10-May-18	27-Jun-18	29-Aug-18	43.21%	0%	-92
BS-B2-10	MEP-Pumps/LMCC Installation and Connection	27	10-May-18	12-Jun-18	30-Aug-18	02-Oct-18	0%	0%	-92
AS-B2-10	MEP-Ready System Test (RDE)	0		25-Jun-18		11-Oct-18	0%	0%	-108
RDE Sprinkler Water Tank (B2-3-502R) & FS Tank (B2-3-604R)									
AW-B2-12	ABWF/MEP Installation in RDE FS Pump (Detail refer to CSF I	134	17-Nov-17	05-May-18	30-Apr-18	10-Oct-18	80.1%	0%	-130
AW-B2-12	ABWF/MEP Installation in RDE Water Tanks (Detail refer to M	27	09-Mar-18	14-Apr-18	01-Jun-18	05-Jul-18	64.2%	0%	-66
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167
AS-B2-10	Ready for Wet Fire System T&C	0		05-May-18		10-Oct-18	0%	0%	-158
RDE TBR Room/Mobile Equipment Room @ GL J' , 4'-5'									
AW-B2-14	ABWF - Final coat of paint on wall / floor sealer	3	12-Dec-17	15-Dec-17	31-May-18	02-Jun-18	100%	0%	-133
AW-B2-14	ABWF / Door & ironmongeries installation	3	19-Dec-17	22-Dec-17	07-Jun-18	09-Jun-18	100%	0%	-133
AW-B2-14	ABWF-ceiling soffit & application of epoxy paint on wall	7	02-Nov-17	10-Nov-17	19-Apr-18	26-Apr-18	100%	0%	-133
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167
AS-B2-10	Access ready for utility provider	0		22-Dec-17		10-Jun-18	100%	0%	-169
BS-B2-11	MEP 1st / 2nd fix	27	10-Nov-17	12-Dec-17	27-Apr-18	30-May-18	100%	0%	-133
AW-B2-14	MEP final fix (ready for FS System T&C)	3	15-Dec-17	19-Dec-17	04-Jun-18	06-Jun-18	100%	0%	-133
Refuse Room/Refrigrated Refuse Rooms @ GL A', 4'-5'									
AW-B2-12	ABWF Wet Trade-Wall Rendering/FloorScreeding/ Tile	19	17-Nov-17	09-Dec-17	15-Feb-18 A	23-Apr-18	100%	12%	-105
AW-B2-12	ABWF-Conner Protection/Door/Ironmongeries	7	20-Mar-18	28-Mar-18	11-Aug-18	18-Aug-18	100%	0%	-115
AW-B2-12	BW-Waterproofing/Water Test	13	02-Nov-17	17-Nov-17	12-Feb-18 A	06-Apr-18	100%	80%	-110
BS-B2-10	MEP Final Fix (Ready FS System T&C)	7	12-Mar-18	20-Mar-18	30-Jun-18	10-Jul-18	100%	0%	-88
BS-B2-10	MEP-1st/2nd Fix Installation	19	09-Dec-17	04-Jan-18	22-Feb-18 A	25-Apr-18	100%	2%	-88
BS-B2-10	MEP-Refrigated Refuse System	54	04-Jan-18	12-Mar-18	25-Apr-18	30-Jun-18	100%	0%	-88
SEF Room above Recycling Room at GL A', 5'									
AW-B2-14	ABWF-Door/Ironmoaries	5	07-Mar-18	12-Mar-18	14-Aug-18	18-Aug-18	100%	0%	-129
AW-B2-14	ABWF-Plinth/Sealer	13	02-Nov-17	17-Nov-17	19-Apr-18	05-May-18	100%	0%	-134
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

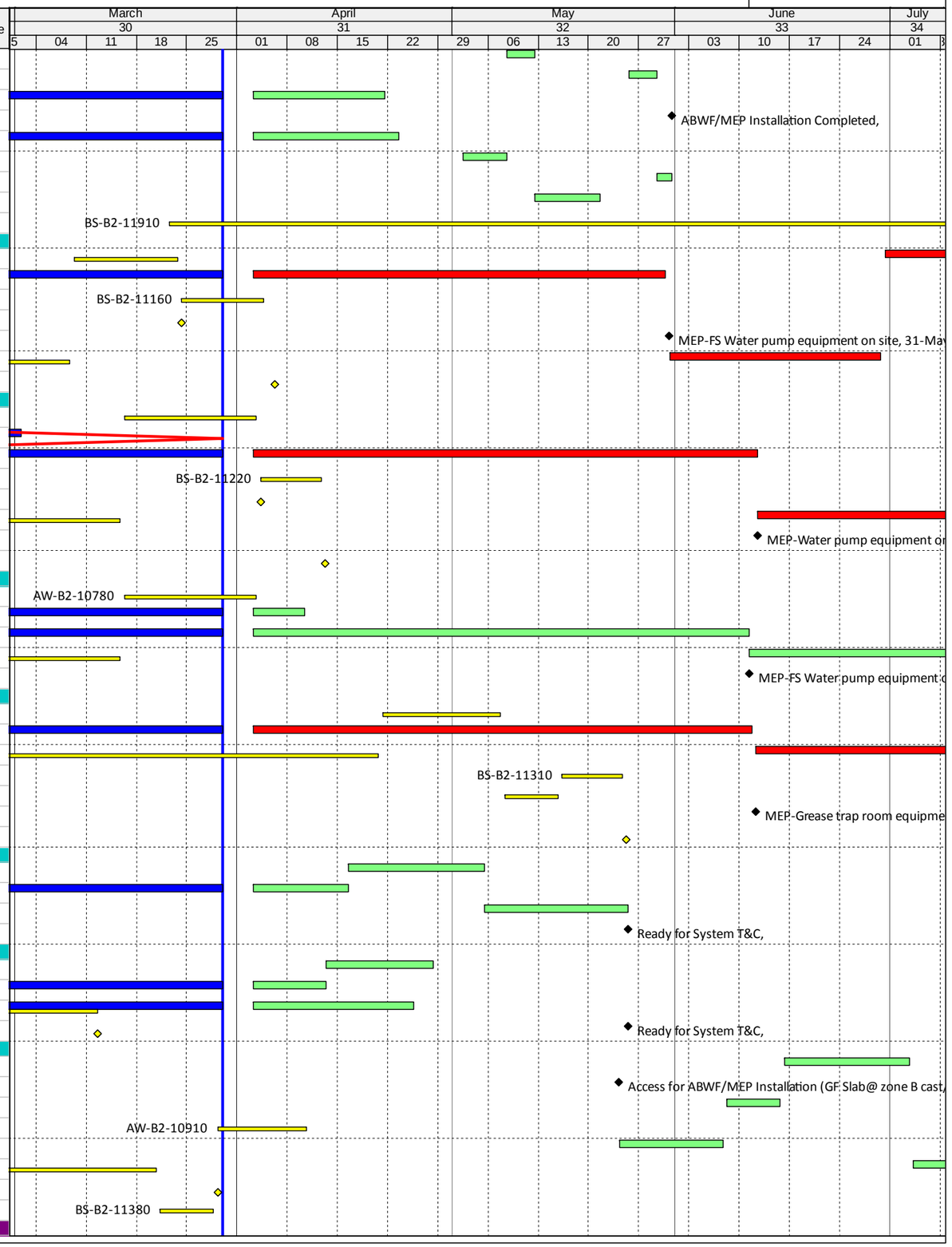
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
BS-B2-11	MEP - AC equipment on site	0	29-Dec-17		09-Jun-18		100%	0%	-162
BS-B2-11	MEP- 1st / 2nd Fix	27	17-Nov-17	19-Dec-17	07-May-18	08-Jun-18	100%	0%	-135
BS-B2-11	MEP- Air Duct/Fan/LMCP Installation	54	29-Dec-17	06-Mar-18	09-Jun-18	13-Aug-18	100%	0%	-129
CSF Water Pump Rooms at GL K',5'-6'									
AW-B2-12	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	20-Feb-18	07-Mar-18	09-Aug-18	23-Aug-18	100%	0%	-137
AW-B2-12	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	24-Nov-17	16-Dec-17	15-May-18	08-Jun-18	100%	0%	-137
AS-B2-10	Access for ABWF/MEP Installation	0	02-Nov-17		19-Apr-18		100%	0%	-167
AW-B2-12	BW-RC Plinth/Waterproofing/Water Test	19	02-Nov-17	24-Nov-17	19-Apr-18	14-May-18	100%	0%	-135
BS-B2-10	MEP 1st/2nd Installation/FS Pumps Set/Pipework/LMCC	50	16-Dec-17	20-Feb-18	09-Jun-18	08-Aug-18	100%	0%	-137
BS-B2-10	MEP- FS Pump Set/System Self-test/Start up	7	21-Mar-18	29-Mar-18	07-Sep-18	14-Sep-18	100%	0%	-137
BS-B2-10	MEP- Room Power On	0		21-Mar-18		07-Sep-18	100%	0%	-169
BS-B2-10	MEP-Pumps/LMCC Installation/Connection	25	20-Feb-18	21-Mar-18	09-Aug-18	06-Sep-18	100%	0%	-137
AS-B2-10	Ready for System T&C	0		29-Mar-18		15-Sep-18	100%	0%	-169
2. Zone A, M, E, C									
Gerenal Areas: Corridor, Workshop, BOH office, Other Rooms									
Corridors/Lobbys									
AW-B2-1	ABWF-Soffit Sealer	7	01-Dec-17	09-Dec-17	28-Dec-17 A	06-Apr-18	100%	50%	-91
AW-B2-1	ABWF-Wearing Slab (GL 1-3)	13	29-Jan-18	13-Feb-18	28-Dec-17 A	10-Apr-18	100%	60%	-41
AW-B2-1	ABWF-Wearing Slab (GL 3-6)	13	20-Mar-18	09-Apr-18	09-May-18	25-May-18	64.96%	0%	-38
AW-B2-1	ABWF-Wearing Slab (GL 6-10)	13	09-Apr-18	24-Apr-18	25-May-18	09-Jun-18	0%	0%	-38
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 1-3)	54	13-Feb-18	25-Apr-18	16-May-18	21-Jul-18	65.64%	0%	-71
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 3-6)	54	09-Apr-18	13-Jun-18	25-May-18	30-Jul-18	0%	0%	-38
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 6-10)	40	25-Apr-18	13-Jun-18	21-Jul-18	06-Sep-18	0%	0%	-71
BS-B2-10	MEP- 2nd Fix (Cabling)	54	25-Apr-18	30-Jun-18	19-Feb-18 A	31-May-18	0%	5%	25
BS-B2-10	MEP-1st/2nd Fix Installation (GL 1-3)	40	09-Dec-17	29-Jan-18	02-Jan-18 A	16-May-18	100%	22%	-84
BS-B2-10	MEP-1st/2nd Fix Installation (GL 3-6)	40	29-Jan-18	20-Mar-18	02-Jan-18 A	09-May-18	100%	23%	-38
BS-B2-10	MEP-1st/2nd Fix Installation (GL 6-10)	27	20-Mar-18	25-Apr-18	02-Jan-18 A	27-Apr-18	31.28%	23%	-2
BOH Workshop, Office and Facilities Rooms									
AW-B2-1	ABWF-Ceiling Frame/Grid (Office Ceiling Area)	54	29-May-18	02-Aug-18	13-Sep-18	17-Nov-18	0%	0%	-89
AW-B2-1	ABWF-H/L Steel Platform (GL 1-6)	54	12-May-18	18-Jul-18	04-Jun-18	08-Aug-18	0%	0%	-18
AW-B2-1	ABWF-Wearing Slab (GL 1-3)	13	13-Jan-18	29-Jan-18	16-May-18	01-Jun-18	100%	0%	-97
AW-B2-1	ABWF-Wearing Slab (GL 3-6)	13	05-Mar-18	20-Mar-18	01-Jun-18	16-Jun-18	100%	0%	-70
AW-B2-1	ABWF-Wearing Slab (GL 6-10)	13	10-Apr-18	25-Apr-18	16-Jun-18	04-Jul-18	0%	0%	-56
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 1	54	30-Jan-18	11-Apr-18	08-Jun-18	11-Aug-18	87.86%	0%	-101
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 3	54	24-Nov-17	30-Jan-18	03-Apr-18	07-Jun-18	100%	0%	-101
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 6	27	25-Apr-18	29-May-18	13-Aug-18	12-Sep-18	0%	0%	-89
BS-B2-10	MEP Ceiling mounted AHU Installation/Connection (GL 1-6,	54	05-Mar-18	12-May-18	19-Feb-18 A	04-Jun-18	39.71%	6%	-18
BS-B2-10	MEP- 2nd Fiix (Cabling)-(GL 1-10)	54	25-Apr-18	30-Jun-18	23-Jan-18 A	21-May-18	0%	20%	33
BS-B2-10	MEP-1st/2nd Fix Installation (GL 1-3)	40	24-Nov-17	13-Jan-18	02-Jan-18 A	16-May-18	100%	12%	-97
BS-B2-10	MEP-1st/2nd Fix Installation (GL 3-6)	40	13-Jan-18	05-Mar-18	02-Jan-18 A	16-May-18	100%	12%	-57
BS-B2-10	MEP-1st/2nd Fix Installation (GL 6-10)	27	05-Mar-18	10-Apr-18	24-Jan-18 A	03-May-18	79.42%	10%	-19
Toilets & Toilet Lobby									
Public Toilet at GL 6,D									
AW-B2-:	ABWF-Block Wall	7	20-Oct-17	27-Oct-17	09-Dec-17 A	11-Apr-18	100%	10%	-130
AW-B2-:	ABWF-Ceiling Close up/Ceiling Finish	7	19-Dec-17	28-Dec-17	16-Apr-18	24-Apr-18	100%	0%	-92
AW-B2-:	ABWF-Ceiling Grid/Ceilng Panel with Service Openings	7	07-Dec-17	14-Dec-17	16-Apr-18	24-Apr-18	100%	0%	-102
AW-B2-:	ABWF-Cublic Partition	7	29-Dec-17	06-Jan-18	24-Apr-18	03-May-18	100%	0%	-92
AW-B2-:	ABWF-Final Fix-Sanitaryware/Sink/Door	5	08-Jan-18	12-Jan-18	03-May-18	09-May-18	100%	0%	-92
AW-B2-:	ABWF-Floor screeding/Wall Plastering/Tiling/Counter Steel	13	22-Nov-17	06-Dec-17	23-Dec-17 A	16-Apr-18	100%	25%	-102
AS-B2-1	ABWF/MEP Installation Completed	0		21-Jan-18		18-May-18	100%	0%	-117
BS-B2-1	MEP Dropper	3	15-Dec-17	18-Dec-17	09-Feb-18 A	07-Apr-18	100%	6.99%	-85
BS-B2-1	MEP Final Fix	7	13-Jan-18	20-Jan-18	09-May-18	17-May-18	100%	0%	-92
BS-B2-1	MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	13	30-Oct-17	13-Nov-17	02-Jan-18 A	16-Apr-18	100%	22%	-122
Staff Toilet at GL 6, C									
AW-B2-	ABWF/MEP Installation in Toilet (Detail refer to Public Toilet :	72	14-Nov-17	08-Feb-18	03-Feb-18 A	04-Jul-18	100%	12%	-114
Staff Toile at GL 2, C									
AW-B2	ABWF/MEP Installation in Toilet (Detail refer to Public Toilet :	72	21-Nov-17	20-Feb-18	08-Feb-18 A	10-Jul-18	100%	7%	-112
Security Control Room & Security Equipmetn Rack Room (B2-1-048 & 049)									
AW-B2-10	ABWF-Ceiling Frame w/service panels	7	05-Dec-17	12-Dec-17	23-Apr-18	02-May-18	100%	0%	-110
AW-B2-10	ABWF-Raised Floor Panel Close-up	3	30-Dec-17	03-Jan-18	21-May-18	25-May-18	100%	0%	-113



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

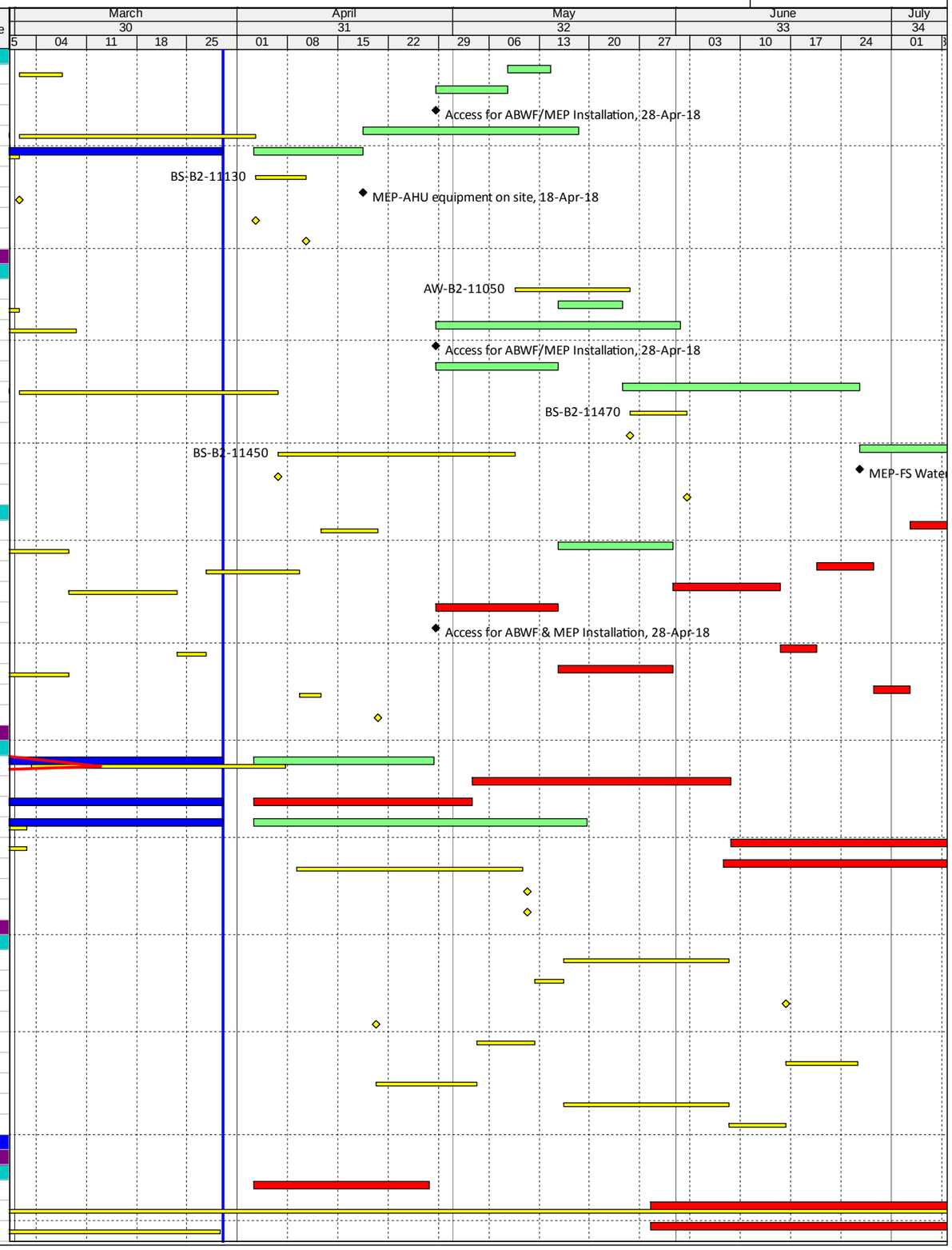
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AW-B2-10	ABWF-Raised Floor Setting out/Padestal/Grid/Door	3	16-Dec-17	19-Dec-17	08-May-18	12-May-18	100%	0%	-113
AW-B2-10	ABWF-Wall Final Paint/Carpet	3	04-Jan-18	06-Jan-18	25-May-18	29-May-18	100%	0%	-113
AW-B2-10	ABWF-Wet Trade (up to 1st coat painting) - Ceiling/Wall/Flo	19	20-Oct-17	11-Nov-17	02-Dec-17 A	21-Apr-18	100%	25%	-128
AS-B2-10	ABWF/MEP Installation Completed	0		10-Jan-18		31-May-18	100%	0%	-142
BS-B2-10	MEP H/L and Walll 1st/2nd Fix MEP Installation	19	13-Nov-17	04-Dec-17	02-Jan-18 A	23-Apr-18	100%	21%	-110
BS-B2-10	MEP- H/L Dropper	3	13-Dec-17	15-Dec-17	02-May-18	08-May-18	100%	0%	-112
BS-B2-10	MEP-Final Fix	2	08-Jan-18	09-Jan-18	29-May-18	31-May-18	100%	0%	-113
BS-B2-10	MEP-Floor Mounted Installation	7	20-Dec-17	29-Dec-17	12-May-18	21-May-18	100%	0%	-113
BS-B2-11	MEP-Security Equipement Rack/Equipement/System Install	120	22-Mar-18	18-Aug-18	10-Jul-18*	30-Nov-18	5.42%	0%	-86
CSF FS Pump Room (B2-1-500F)									
AW-B2-10	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	09-Mar-18	23-Mar-18	30-Jun-18	16-Jul-18	100%	0%	-90
BS-B2-10	MEP 1st/2nd fix- Pipe/duct/containment Installation	50	05-Dec-17	03-Feb-18	02-Jan-18 A	30-May-18	100%	6%	-90
BS-B2-11	MEP- Pump Set/System Self-test/Start up	7	24-Mar-18	04-Apr-18	17-Jul-18	24-Jul-18	71.43%	0%	-90
BS-B2-11	MEP- Room Power On	0		24-Mar-18		17-Jul-18	100%	0%	-115
BS-B2-11	MEP-FS Water pump equipment on site	0	04-Feb-18		31-May-18		100%	0%	-116
BS-B2-10	MEP-Pumps/LMCP Installation/Connection	25	05-Feb-18	08-Mar-18	31-May-18	29-Jun-18	100%	0%	-90
AS-B2-10	Ready for System T&C	0		06-Apr-18		25-Jul-18	0%	0%	-110
M+ Water Pump Room (B2-1-600M)									
AW-B2-10	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	16-Mar-18	03-Apr-18	16-Jul-18	31-Jul-18	92.31%	0%	-97
BS-B2-11	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	13-Nov-17	04-Dec-17	02-Jan-18 A	02-Mar-18 A	100%	100%	-69
BS-B2-11	MEP 1st/2nd fix Pipe / containment Installation	54	05-Dec-17	08-Feb-18	16-Jan-18 A	12-Jun-18	100%	4%	-97
BS-B2-11	MEP- P&D Pump Set/System Self-test/Start up	7	04-Apr-18	12-Apr-18	31-Jul-18	08-Aug-18	0%	0%	-97
BS-B2-11	MEP- Room Power On	0		04-Apr-18		31-Jul-18	0%	0%	-119
BS-B2-11	MEP-Pumps/LMCC Installation and Connection	27	09-Feb-18	15-Mar-18	12-Jun-18	16-Jul-18	100%	0%	-97
BS-B2-11	MEP-Water pump equipment on site	0	09-Feb-18		12-Jun-18		100%	0%	-124
AS-B2-10	Ready for System T&C	0		13-Apr-18		08-Aug-18	0%	0%	-118
M+ FS Pump Room (B2-1-506M)									
AW-B2-10	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	16-Mar-18	03-Apr-18	14-Jul-18	30-Jul-18	92.31%	0%	-95
AW-B2-10	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	13-Nov-17	04-Dec-17	16-Jan-18 A	10-Apr-18	100%	75%	-98
BS-B2-11	MEP 1st / 2nd fix / Pipework	54	05-Dec-17	08-Feb-18	02-Jan-18 A	11-Jun-18	100%	6%	-95
BS-B2-11	MEP-FS Pumps / LMCC Installation and Connection	27	09-Feb-18	15-Mar-18	11-Jun-18	14-Jul-18	100%	0%	-95
BS-B2-11	MEP-FS Water pump equipment on site	0	09-Feb-18		11-Jun-18		100%	0%	-122
Grease Trap Rm for Podium (B2-1-604M)									
AW-B2-10	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	21-Apr-18	07-May-18	16-Aug-18	30-Aug-18	0%	0%	-96
BS-B2-11	MEP 1st / 2nd Fix	54	05-Dec-17	08-Feb-18	05-Feb-18 A	11-Jun-18	100%	5%	-96
BS-B2-11	MEP Greasp Trap Installation	54	09-Feb-18	20-Apr-18	12-Jun-18	15-Aug-18	72.22%	0%	-96
BS-B2-11	MEP- Equipment System Self-test/Start up	7	16-May-18	24-May-18	08-Sep-18	15-Sep-18	0%	0%	-96
BS-B2-11	MEP- Room Power On	7	08-May-18	15-May-18	31-Aug-18	07-Sep-18	0%	0%	-96
BS-B2-11	MEP-Grease trap room equipment on site	0	09-Feb-18		12-Jun-18		100%	0%	-123
AS-B2-11	Ready for System T&C	0		25-May-18		16-Sep-18	0%	0%	-114
M+ IR and Rainwater Water Tank at GL A, 9-10									
AW-B2-10	ABWF-MW-Cat Ladder/Hatch Cover	13	05-Dec-17	19-Dec-17	16-Apr-18	05-May-18	100%	0%	-107
AW-B2-10	ABWF-Wet Trade-Rendiering/Tile	19	13-Nov-17	04-Dec-17	19-Jan-18 A	16-Apr-18	100%	50%	-104
BS-B2-11	MEP-Pipework Assessiors and Final connection	13	20-Dec-17	06-Jan-18	05-May-18*	25-May-18	100%	0%	-110
AS-B2-11	Ready for System T&C	0		07-Jan-18		25-May-18	100%	0%	-139
M+, CSF FS Water Tanks along GL A									
AW-B2-10	ABWF-MW-Cat Ladder/Hatch Cover	13	30-Jan-18	14-Feb-18	13-Apr-18	28-Apr-18	100%	0%	-56
AW-B2-10	ABWF-Wet Trade-Rendiering/Tile	27	28-Dec-17	30-Jan-18	19-Jan-18 A	13-Apr-18	100%	70%	-56
BS-B2-11	MEP-Pipework Assessiors and Final connection	19	14-Feb-18	12-Mar-18	23-Jan-18 A	25-Apr-18	100%	2%	-34
AS-B2-11	Ready for System T&C	0		12-Mar-18		25-May-18	100%	0%	-74
Industrial Space (B2-1-051)									
AW-B2-10	ABWF-Wet Trade-Patching up tie-bolt/Ceiling/Wall(2m belo	13	08-Feb-18	26-Feb-18	16-Jun-18	03-Jul-18	100%	0%	-101
AS-B2-10	Access for ABWF/MEP Installation (GF Slab@ zone B cast/de	0	16-Jan-18		24-May-18		100%	0%	-128
AW-B2-10	BW-Fairface Concrete Defect Rectification	7	31-Jan-18	07-Feb-18	08-Jun-18	15-Jun-18	100%	0%	-101
AW-B2-10	GW-Dismentle Scaffold	7	29-Mar-18	10-Apr-18	03-Aug-18	10-Aug-18	14.29%	0%	-101
AW-B2-10	GW-Erect Common Scaffold (2m below Soffit)	13	16-Jan-18	30-Jan-18	24-May-18	07-Jun-18	100%	0%	-101
BS-B2-11	MEP H/L 1st/2nd/Final Fix Installation (Including FS Device)-	19	27-Feb-18	20-Mar-18	04-Jul-18	25-Jul-18	100%	0%	-101
BS-B2-11	MEP Installation under Soffit Completed/Tested/Inspected	0		29-Mar-18		03-Aug-18	100%	0%	-127
BS-B2-11	MEP-FS Device/Loop Test under Soffit -Test/Inspected	7	21-Mar-18	28-Mar-18	26-Jul-18	02-Aug-18	100%	0%	-101
2. Zone D1 GL 1-5/J-M									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AHU Room (B2-1-809R)									
AW-B2-11	ABWF-Door/Ironmoaries	5	01-Mar-18	07-Mar-18	08-May-18	14-May-18	100%	0%	-53
AW-B2-11	ABWF-Plinth/Sealer	7	02-Feb-18	10-Feb-18	28-Apr-18	08-May-18	100%	0%	-66
AS-B2-10	Access for ABWF/MEP Installation	0	02-Feb-18		28-Apr-18		100%	0%	-85
BS-B2-11	MEP - AHU equipment installation / Connection	25	01-Mar-18	03-Apr-18	18-Apr-18	18-May-18	97.33%	0%	-37
BS-B2-11	MEP- 1st / 2nd fix - Pipe / Duct / Containment Installation	13	10-Feb-18	01-Mar-18	23-Jan-18 A	18-Apr-18	100%	5%	-37
BS-B2-11	MEP- AHU/systemSelf Test	5	03-Apr-18	10-Apr-18	03-Aug-18	08-Aug-18	0%	0%	-99
BS-B2-11	MEP-AHU equipment on site	0	01-Mar-18		18-Apr-18		100%	0%	-48
BS-B2-11	MEP-Room Power On	0		03-Apr-18		03-Aug-18	0%	0%	-121
AS-B2-11	Ready for FS System T&C	0		10-Apr-18		09-Aug-18	0%	0%	-120
3. Zone D									
RDE FS Tank & Pump Room (B2-3-500R)									
AW-B2-11	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	09-May-18	25-May-18	28-Jul-18	13-Aug-18	0%	0%	-66
AW-B2-11	ABWF-Wet Trade-Ceiling/Wall/Floor Paint	7	21-Feb-18	01-Mar-18	15-May-18	24-May-18	100%	0%	-66
AW-B2-11	ABWF/MEP Installation in RDE Water Tanks (Detail refer to M	27	02-Feb-18	09-Mar-18	28-Apr-18	01-Jun-18	100%	0%	-66
AS-B2-10	Access for ABWF/MEP Installation	0	02-Feb-18		28-Apr-18		100%	0%	-85
AW-B2-11	BW-RC Plinth/Waterproofing/Water Test	13	02-Feb-18	21-Feb-18	28-Apr-18	15-May-18	100%	0%	-66
BS-B2-11	MEP 1st/2nd fix / FS Pumps Set / Pipework / LMCC	27	01-Mar-18	06-Apr-18	24-May-18*	26-Jun-18	90.12%	0%	-66
BS-B2-11	MEP- FS Pump Set/System Self-test/Start up	7	25-May-18	02-Jun-18	13-Aug-18	21-Aug-18	0%	0%	-66
BS-B2-11	MEP- Room Power On	0		25-May-18		13-Aug-18	0%	0%	-80
BS-B2-11	MEP-FS Pumps/LMCC Installation and Connection	27	06-Apr-18	09-May-18	26-Jun-18	28-Jul-18	0%	0%	-66
BS-B2-11	MEP-FS Water pump equipment on site	0	06-Apr-18		26-Jun-18		0%	0%	-81
AS-B2-11	Ready for FS System T&C	0		02-Jun-18		21-Aug-18	0%	0%	-80
Crate Workshop									
AW-B2-11	ABWF- Door/Ironmongeries	7	12-Apr-18	20-Apr-18	03-Jul-18	11-Jul-18	0%	0%	-66
AW-B2-11	ABWF- Install Security Shutter	13	21-Feb-18	08-Mar-18	15-May-18	31-May-18	100%	0%	-66
AW-B2-11	ABWF- Wall Final Paint	7	27-Mar-18	09-Apr-18	20-Jun-18	28-Jun-18	33.33%	0%	-66
AW-B2-11	ABWF-H/L Steel Platform	13	08-Mar-18	23-Mar-18	31-May-18	15-Jun-18	100%	0%	-66
AW-B2-11	ABWF-Wet Trade;Rendering/Floor screeding/sealer	13	02-Feb-18	21-Feb-18	28-Apr-18	15-May-18	100%	0%	-66
AS-B2-10	Access for ABWF & MEP Installation	0	02-Feb-18		28-Apr-18		100%	0%	-85
BS-B2-11	MEP- 2nd Fiix-Wiring/connection/Dropper under Platform	3	23-Mar-18	27-Mar-18	15-Jun-18	20-Jun-18	100%	0%	-66
BS-B2-11	MEP-1st/2nd Fix Installation/Ceiling Mounted AHU	13	21-Feb-18	08-Mar-18	15-May-18	31-May-18	100%	0%	-66
BS-B2-11	MEP-Ceiling/Wall Final Fix	3	09-Apr-18	12-Apr-18	28-Jun-18	03-Jul-18	0%	0%	-66
AS-B2-11	Ready for FS System T&C	0		20-Apr-18		11-Jul-18	0%	0%	-82
4. Zone H GL 9-14/H-M									
DCS Chiller Plant									
BS-B2-11	MEP- Equipment Connection	27	03-Mar-18	07-Apr-18	23-Jan-18 A	28-Apr-18	85.19%	22%	-17
BS-B2-11	MEP-1st Fix Containment	27	23-Dec-17	26-Jan-18	03-May-18	08-Jun-18	100%	0%	-105
BS-B2-11	MEP-1st Fix- Main Pipeworks Installation	54	20-Oct-17	22-Dec-17	20-Oct-17 A	03-May-18	100%	54%	-102
BS-B2-11	MEP-1st Fix- Position Pumps/Stainers/MCC and Remaining	54	23-Dec-17	02-Mar-18	27-Nov-17 A	19-May-18	100%	28%	-62
BS-B2-11	MEP-2nd Fix Installation-Cabling	27	27-Jan-18	02-Mar-18	08-Jun-18	12-Jul-18	100%	0%	-105
BS-B2-11	MEP-Final Fix-Pipe Insulation/Detector	27	09-Apr-18	10-May-18	07-Jun-18	11-Jul-18	0%	0%	-50
AS-B2-11	Ready for FS System T&C	0		11-May-18		12-Jul-18	0%	0%	-63
BS-B2-11	Ready for System Flushing and System T&C	0		11-May-18		12-Jul-18	0%	0%	-63
5. Zone B,E1, F, Q									
Found Space (B2M-01-001)									
AW-B2-11	ABWF-Catwalk and LIghting Bridge	19	16-May-18	08-Jun-18	08-Aug-18	29-Aug-18	0%	0%	-69
AW-B2-11	ABWF-Wet Trade-Ceiling Sealer (Soffit)	3	12-May-18	16-May-18	04-Aug-18	07-Aug-18	0%	0%	-69
AW-B2-11	ABWF/MEP Installation under Soffit Completed/Tested/Insp	0		16-Jun-18		07-Sep-18	0%	0%	-83
AS-B2-10	Access for ABWF/MEP Installation (L2 Slab@ zone B,P cast/	0	20-Apr-18		14-Jul-18		0%	0%	-85
AW-B2-11	BW-Fairface Concrete Defect Rectification	7	04-May-18	12-May-18	27-Jul-18	03-Aug-18	0%	0%	-69
AW-B2-11	GW-Dismantal Common Scaffold	7	16-Jun-18	26-Jun-18	07-Sep-18	14-Sep-18	0%	0%	-69
AW-B2-11	GW-Erect Common Scaffold (2m below GF and 1M Soffit)	11	20-Apr-18	04-May-18	14-Jul-18	26-Jul-18	0%	0%	-69
BS-B2-11	MEP H/L 1st/2nd/Final Fix Installation (Including FS Device)-	19	16-May-18	08-Jun-18	08-Aug-18	29-Aug-18	0%	0%	-69
BS-B2-11	MEP-FS Device/Loop Test under Soffit -Test/Inspected	7	08-Jun-18	16-Jun-18	30-Aug-18	06-Sep-18	0%	0%	-69
B1/F									
1. CSF/RDE Zone									
Carpark Area									
AW-B1-11	ABWF - Wet Trade / Block wall / rendering / Ceiling / Floor	19	14-Nov-17	06-Dec-17	03-Apr-18	27-Apr-18	100%	0%	-112
AW-B1-11	HC-Construction Logistic/Temporary Site Storage Period	156	22-Jan-18	04-Aug-18	28-May-18	01-Dec-18	34.76%	0%	-99
BS-B1-12	MEP 2nd Fix Installation-Cabling	54	22-Jan-18	29-Mar-18	28-May-18*	01-Aug-18	100%	0%	-99



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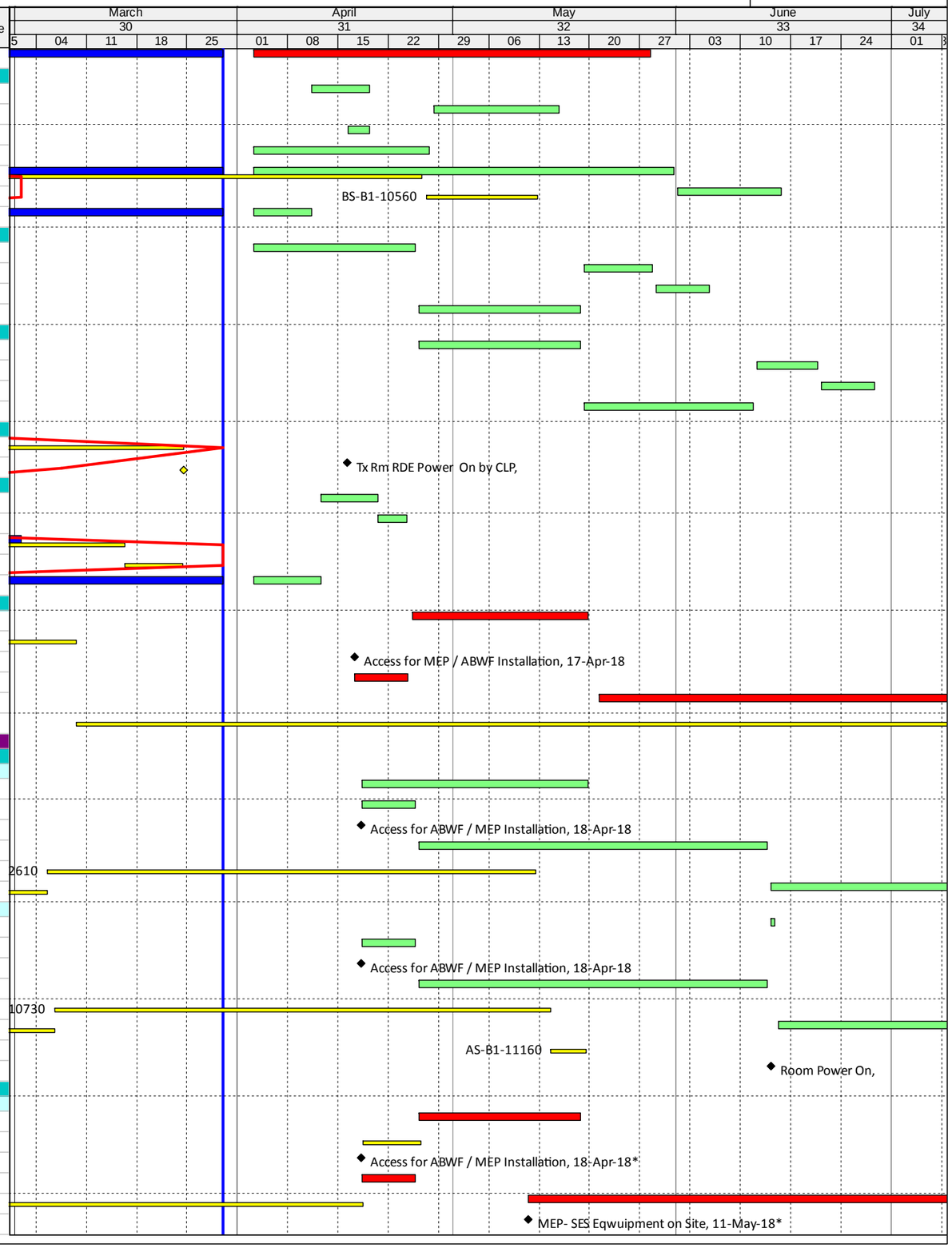
BS-B1-12	MEP H/L 1st Fix Installation	50	21-Nov-17	22-Jan-18	27-Nov-17 A	28-May-18	100%	26%	-99
Generator & Fuel & Tank Rooms (B1-2-708) GL 5'-6'/A-K'									
AW-B1-11	ABWF - Door & Lourvers Installation	7	02-Jan-18	10-Jan-18	11-Apr-18	19-Apr-18	100%	0%	-78
AW-B1-11	ABWF - Plastering, tank soffit sealer & cat ladder installation	13	06-Dec-17	21-Dec-17	28-Apr-18	15-May-18	100%	0%	-113
AW-B1-11	ABWF final touch up	3	10-Jan-18	13-Jan-18	16-Apr-18	19-Apr-18	100%	0%	-75
AW-B1-11	General Builder's Works, including concrete plinth & waterpı	19	14-Nov-17	06-Dec-17	03-Apr-18	27-Apr-18	100%	0%	-112
BS-B1-10	Generator Installation	54	15-Feb-18	26-Apr-18	23-Jan-18 A	31-May-18	62.96%	20%	-28
BS-B1-10	Generator SAT	13	27-Apr-18	12-May-18	01-Jun-18	15-Jun-18	0%	0%	-28
BS-B1-10	MEP 1st Fix/2nd	7	21-Dec-17	02-Jan-18	02-Jan-18 A	11-Apr-18	100%	11.01%	-78
Master Meter Room (B1-2-600) GL 4'-5'/K'-A'									
AW-B1-11	ABWF - Ceiling / Wall / floor - 1st Coat	19	14-Nov-17	06-Dec-17	03-Apr-18	25-Apr-18	100%	0%	-110
AW-B1-11	ABWF - Door frame & panels & ironmongeries installation	7	30-Dec-17	09-Jan-18	19-May-18	28-May-18	100%	0%	-110
AW-B1-11	ABWF final touch up	7	09-Jan-18	17-Jan-18	29-May-18	05-Jun-18	100%	0%	-110
BS-B1-10	MEP Installation	19	06-Dec-17	30-Dec-17	26-Apr-18	18-May-18	100%	0%	-110
DG Store (B1-2-957) GL 2'-3'/C'-D'									
AW-B1-11	ABWF - Ceiling / Wall / floor - 1st Coat	19	06-Dec-17	30-Dec-17	26-Apr-18	18-May-18	100%	0%	-110
AW-B1-11	ABWF - Door frame & panels & ironmongeries installation	7	23-Jan-18	31-Jan-18	12-Jun-18	20-Jun-18	100%	0%	-110
AW-B1-11	ABWF final touch up	7	31-Jan-18	08-Feb-18	21-Jun-18	28-Jun-18	100%	0%	-110
BS-B1-10	MEP Installation	19	30-Dec-17	23-Jan-18	19-May-18	11-Jun-18	100%	0%	-110
Transformer Room (B1-3-700R) GL 2'-3'/D'-F'									
BS-B1-11	CLP Installations for Tx Rm (RDE)	80	14-Dec-17	24-Mar-18	19-Oct-17 A	01-Dec-17 A	100%	100%	91
BS-B1-11	Tx Rm RDE Power On by CLP	0		24-Mar-18		16-Apr-18*	100%	0%	-23
LV Switch Room (B1-3-701R) GL 2'-3'/E'-F'									
AW-B1-10	ABWF - Door frame & panels & ironmongeries installation	7	27-Dec-17	05-Jan-18	12-Apr-18	20-Apr-18	100%	0%	-83
AW-B1-10	ABWF - Dust free sealer on floor	3	05-Jan-18	09-Jan-18	20-Apr-18	24-Apr-18	100%	0%	-83
BS-B1-10	LV Switch Room 1 & 2 Installation	54	09-Jan-18	16-Mar-18	20-Nov-17 A	02-Mar-18 A	100%	100%	12
BS-B1-10	LV Switchboards SAT	7	16-Mar-18	24-Mar-18	25-Nov-17 A	02-Dec-17 A	100%	100%	90
BS-B1-10	MEP Installation	19	02-Dec-17	27-Dec-17	05-Jan-18 A	12-Apr-18	100%	60%	-83
Lighting Control Centre (B1-2-705C)									
AW-B1-12	ABWF - Ceiling / Wall / floor - 1st Coat	19	22-Nov-17	14-Dec-17	25-Apr-18	19-May-18	100%	0%	-123
AW-B1-12	ABWF-Door/Ironmongeries/Final touch up	27	02-Feb-18	09-Mar-18	21-Jul-18	21-Aug-18	100%	0%	-133
AS-B1-10	Access for MEP / ABWF Installation	0	14-Nov-17		17-Apr-18		100%	0%	-153
AW-B1-11	General Builder's Works	7	14-Nov-17	22-Nov-17	17-Apr-18	24-Apr-18	100%	0%	-121
BS-B1-11	MEP-1st/2nd Fix Installation (G.L. 2-11/C-D)	40	14-Dec-17	02-Feb-18	21-May-18	20-Jul-18	100%	0%	-133
BS-B1-11	MEP-Lighting Control System Installation/Connection	107	09-Mar-18	21-Jul-18	22-Aug-18	29-Dec-18	16.3%	0%	-133
2. Carriageway									
Zone S									
Zone S Carriageway FS Control Room (B1-1-907M)-1									
AW-B1-1	ABWF-Door/Ironmongeries	27	20-Oct-17	21-Nov-17	18-Apr-18	19-May-18	100%	0%	-143
AW-B1-1	ABWF-Soffit Sealer	7	01-Dec-17	09-Dec-17	18-Apr-18	25-Apr-18	100%	0%	-107
BS-B1-11	Access for ABWF / MEP Installation	0	01-Dec-17		18-Apr-18		100%	0%	-137
BS-B1-12	MEP-1st/2nd Fix Installation	40	09-Dec-17	29-Jan-18	26-Apr-18	13-Jun-18	100%	0%	-107
BS-B1-12	MEP-AFA Wiring and Connection	54	05-Mar-18	12-May-18	18-Jul-18	18-Sep-18	39.71%	0%	-107
BS-B1-12	MEP-Fire Control Panel Installation	27	29-Jan-18	05-Mar-18	14-Jun-18	17-Jul-18	100%	0%	-107
Zone S Communal Area FS Control Room (B1-1-908M)									
AW-B1-1	ABWF-Door/Ironmongeries	1	29-Jan-18	30-Jan-18	14-Jun-18	14-Jun-18	100%	0%	-107
AW-B1-1	ABWF-Soffit Sealer	7	01-Dec-17	09-Dec-17	18-Apr-18	25-Apr-18	100%	0%	-107
AS-B1-10	Access for ABWF / MEP Installation	0	01-Dec-17		18-Apr-18		100%	0%	-137
BS-B1-10	MEP-1st/2nd Fix Installation	40	09-Dec-17	29-Jan-18	26-Apr-18	13-Jun-18	100%	0%	-107
BS-B1-10	MEP-AFA Wiring and Connection	54	06-Mar-18	14-May-18	19-Jul-18	19-Sep-18	37.86%	0%	-107
BS-B1-10	MEP-Fire Control Panel Installation	27	30-Jan-18	06-Mar-18	15-Jun-18	18-Jul-18	100%	0%	-107
AS-B1-11	Ready for T&C (AFA)	5	14-May-18	19-May-18	20-Sep-18	26-Sep-18	0%	0%	-107
BS-B1-10	Room Power On	0		29-Jan-18		14-Jun-18	100%	0%	-135
Zone R									
B1/F_Zone R Carriageway SEF Room (B1-1-808C)									
AW-B1-1	ABWF - Ceiling / Wall / floor - 1st Coat	19	23-Jan-18	13-Feb-18	26-Apr-18	18-May-18	100%	0%	-73
AW-B1-1	ABWF - Door frame & panels & ironmongeries installation	7	18-Apr-18	26-Apr-18	17-Jul-18	25-Jul-18	0%	0%	-73
AS-B1-10	Access for ABWF / MEP Installation	0	15-Jan-18		18-Apr-18*		100%	0%	-93
AW-B1-1	General Builder's Works	7	15-Jan-18	22-Jan-18	18-Apr-18	25-Apr-18	100%	0%	-73
BS-B1-11	MEP 1st / 2nd / Final Fix	54	06-Feb-18	18-Apr-18	11-May-18	17-Jul-18	76.95%	0%	-73
AW-B1-1	MEP- SES Eqwuipment on Site	0	15-Feb-18		11-May-18*		100%	0%	-86



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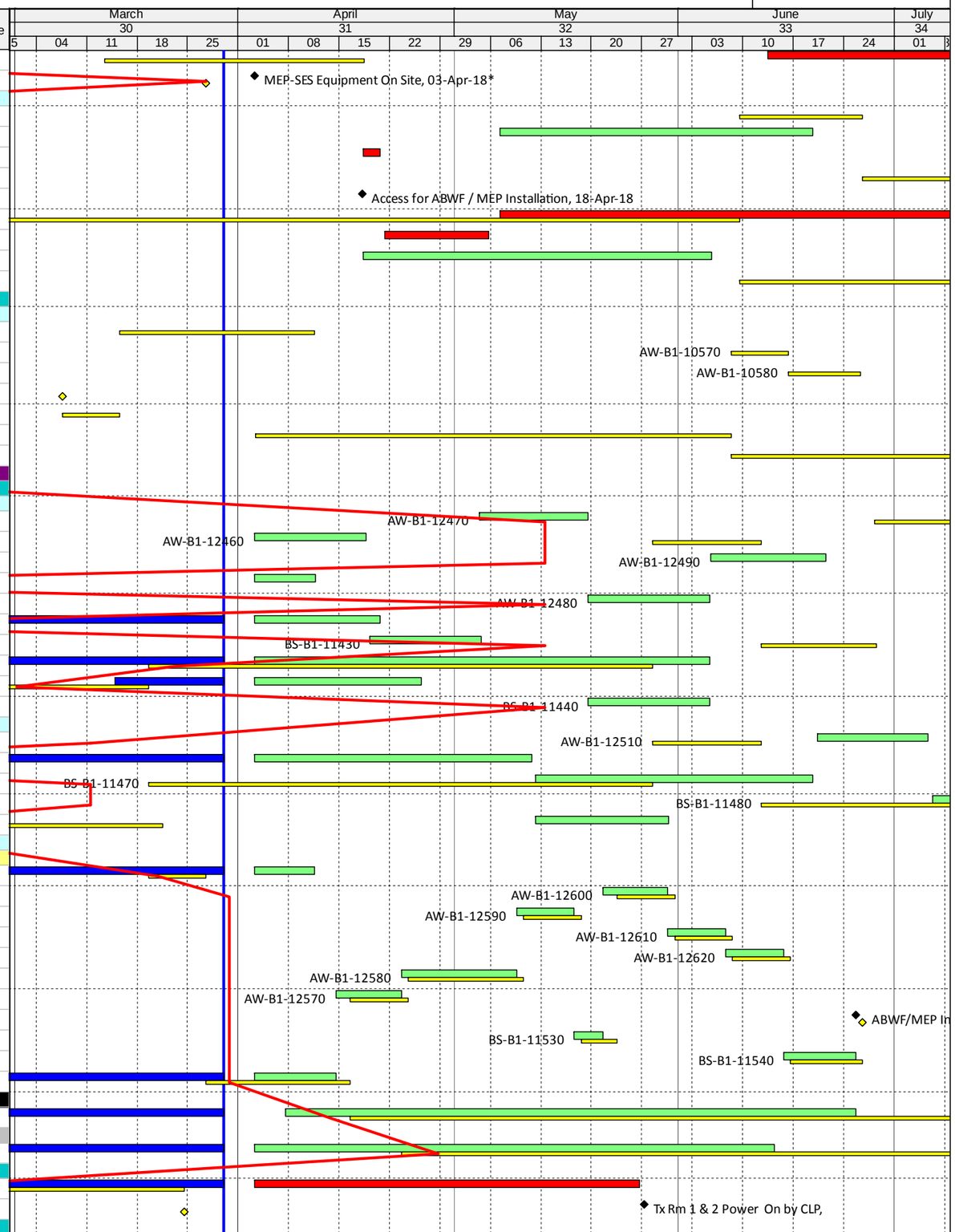
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AW-B1-1	MEP-Equipment Installation and Connection	27	13-Mar-18	18-Apr-18	13-Jun-18	17-Jul-18	53.91%	0%	-73
BS-B1-11	MEP-SES Equipment On Site	0	27-Mar-18		03-Apr-18*		100%	0%	-3
B1/F_Zone R Carriageway, including taxi drop off bays & pedestrian pavement GL 6'-2/A-M									
AW-B1-1	ABWF- Steel funiture installation	13	09-Jun-18	26-Jun-18	11-Oct-18	25-Oct-18	0%	0%	-100
AW-B1-1	ABWF-Carriageway paving, road kerb and pedestrian paver	36	21-Dec-17	05-Feb-18	07-May-18	19-Jun-18	100%	0%	-105
AW-B1-1	ABWF-Ceiling Sealer	3	01-Dec-17	05-Dec-17	18-Apr-18	20-Apr-18	100%	0%	-107
AW-B1-1	ABWF-Road marking	13	26-Jun-18	12-Jul-18	26-Oct-18	08-Nov-18	0%	0%	-99
AS-B1-1C	Access for ABWF / MEP Installation	0	01-Dec-17		18-Apr-18		100%	0%	-137
BaP-B1-1	HC logistics / vehicle access	134	21-Dec-17	09-Jun-18	07-May-18	10-Oct-18	58.54%	0%	-101
BS-B1-11	MEP-Carriageway 1st / 2nd Fix	14	05-Dec-17	21-Dec-17	21-Apr-18	05-May-18	100%	0%	-105
BS-B1-11	MEP-Escalator (ES11, ES12) Installation	40	01-Dec-17	20-Jan-18	18-Apr-18	05-Jun-18	100%	0%	-107
BS-B1-11	MEP-final fix	27	09-Jun-18	13-Jul-18	11-Oct-18	12-Nov-18	0%	0%	-101
Zone D1, D2, N, L, K, H									
MAF / SEF Room (B1-1-800C, 802C, 803C)									
AW-B1-1	ABWF - Ceiling / Wall / floor - 1st Coat	19	15-Mar-18	11-Apr-18	09-Aug-18	31-Aug-18	64.91%	0%	-118
AW-B1-1	ABWF - Door frame & panels & ironmongeries installation	7	08-Jun-18	16-Jun-18	30-Oct-18	07-Nov-18	0%	0%	-118
AW-B1-1	ABWF final touch up	7	16-Jun-18	26-Jun-18	07-Nov-18	15-Nov-18	0%	0%	-118
AS-B1-1C	Access for ABWF / MEP Installation	0	07-Mar-18		01-Aug-18		100%	0%	-147
AW-B1-1	General Builder's Works	7	07-Mar-18	15-Mar-18	01-Aug-18	09-Aug-18	100%	0%	-118
BS-B1-1C	MEP 1st / 2nd Fix	54	03-Apr-18	08-Jun-18	24-Aug-18	30-Oct-18	0%	0%	-118
BS-B1-1C	MEP-Equipment Installation /Connection	27	08-Jun-18	12-Jul-18	30-Oct-18	30-Nov-18	0%	0%	-118
3. Zone A_M_E_N									
General Area - BOH/Office/Storage/Corridor/Toilets/Lobby									
Corridors/Lobbys									
AW-B1-1	ABWF- FS Ceiling Close up	13	28-Jun-18	13-Jul-18	04-May-18	19-May-18	0%	0%	45
AW-B1-1	ABWF-Ceiling Frame (FS Ceiling)	13	28-May-18	12-Jun-18	03-Apr-18	18-Apr-18	0%	0%	45
AW-B1-1	ABWF-Door/Ironmongeries	13	30-Jul-18	13-Aug-18	05-Jun-18	21-Jun-18	0%	0%	45
AW-B1-1	ABWF-Soffit Sealer	7	18-Dec-17	28-Dec-17	03-Apr-18	11-Apr-18	100%	0%	-81
AW-B1-1	ABWF-Wall Final Paint/Corner Potection	13	14-Jul-18	28-Jul-18	19-May-18	05-Jun-18	0%	0%	45
AW-B1-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 1 to 3)	25	28-Dec-17	27-Jan-18	05-Dec-17 A	20-Apr-18	100%	40%	-64
BS-B1-11	MEP Dropper	13	12-Jun-18	28-Jun-18	19-Apr-18	04-May-18	0%	0%	45
BS-B1-11	MEP- 2nd Fix (Cabling)	54	19-Mar-18	28-May-18	21-Feb-18 A	05-Jun-18	17.49%	5%	-7
BS-B1-11	MEP-1st/2nd Fix Installation	40	27-Jan-18	19-Mar-18	15-Mar-18 A	26-Apr-18	100%	52%	-29
BS-B1-11	MEP-Ceiling Final Fix	13	14-Jul-18	28-Jul-18	19-May-18	05-Jun-18	0%	0%	45
BOH Workshop, Office and Facilities Rooms									
AW-B1-1	ABWF-Ceiling Frame/Grid (Office Ceiling Area)	13	28-May-18	12-Jun-18	20-Jun-18	05-Jul-18	0%	0%	-18
AW-B1-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer	40	11-Dec-17	30-Jan-18	05-Dec-17 A	11-May-18	100%	20%	-79
BS-B1-11	MEP- 2nd Fiix (Cabling)	54	19-Mar-18	28-May-18	12-May-18	19-Jun-18	17.49%	0%	-18
BS-B1-11	MEP- FS/Lighting/A/C Dropper (Office Ceiling Area)	27	12-Jun-18	16-Jul-18	06-Jul-18	06-Aug-18	0%	0%	-18
BS-B1-11	MEP-1st/2nd Fix Installation	40	30-Jan-18	21-Mar-18	12-May-18	30-May-18	100%	0%	-54
Toilets & Toilet Lobby									
Public Toilet at GL 6,D									
AW-B1-1	ABWF-Block Wall	7	19-Mar-18	27-Mar-18	28-Dec-17 A	11-Apr-18	100%	5%	-9
AW-B1-1	ABWF-Ceiling Close up/Ceiling Finish	7	23-May-18	31-May-18	21-May-18	30-May-18	0%	0%	1
AW-B1-1	ABWF-Ceiling Grid/Ceilng Panel with Service Openings	7	10-May-18	18-May-18	09-May-18	17-May-18	0%	0%	1
AW-B1-1	ABWF-Cublic Partition	7	31-May-18	08-Jun-18	30-May-18	07-Jun-18	0%	0%	1
AW-B1-1	ABWF-Final Fix-Sanitaryware/Sink/Door	7	08-Jun-18	16-Jun-18	07-Jun-18	15-Jun-18	0%	0%	1
AW-B1-1	ABWF-Floor screeding/Wall Plastering/Tiling/Counter Steel	13	24-Apr-18	10-May-18	23-Apr-18	09-May-18	0%	0%	1
AW-B1-1	ABWF-Waterproofing/Water Test	7	16-Apr-18	24-Apr-18	14-Apr-18	23-Apr-18	0%	0%	1
AS-B1-1	ABWF/MEP Installation Completed	0		26-Jun-18		25-Jun-18	0%	0%	1
BS-B1-1	MEP Dropper	3	18-May-18	23-May-18	17-May-18	21-May-18	0%	0%	1
BS-B1-1	MEP Final Fix	7	16-Jun-18	26-Jun-18	15-Jun-18	25-Jun-18	0%	0%	1
BS-B1-1	MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	13	27-Mar-18	16-Apr-18	15-Jan-18 A	14-Apr-18	18.8%	25%	1
Staff Toilet / Changing Room at GL 5-6, B									
AW-B2-	ABWF/MEP Installation in Toilet (Detail refer to Public Toilet	72	16-Apr-18	13-Jul-18	15-Jan-18 A	25-Jun-18	0%	11%	15
Staff Toile at GL 2, C									
AW-B2	ABWF/MEP Installation in Toilet (Detail refer to Public Toilet	72	23-Apr-18	20-Jul-18	15-Jan-18 A	14-Jun-18	0%	18%	30
Transformer Room 1 & 2 (B1-1-700 & B1-1-702)									
BS-B1-11	CLP Installations for Tx Rm 1 & Rm 2	80	14-Dec-17	24-Mar-18	19-Jan-18 A	26-May-18	100%	45%	-49
BS-B1-11	Tx Rm 1 & 2 Power On by CLP	0		24-Mar-18		27-May-18	100%	0%	-64
LV Main Switchroom 1 & 2 (B1-1-704 & B1-1-703)									



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Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

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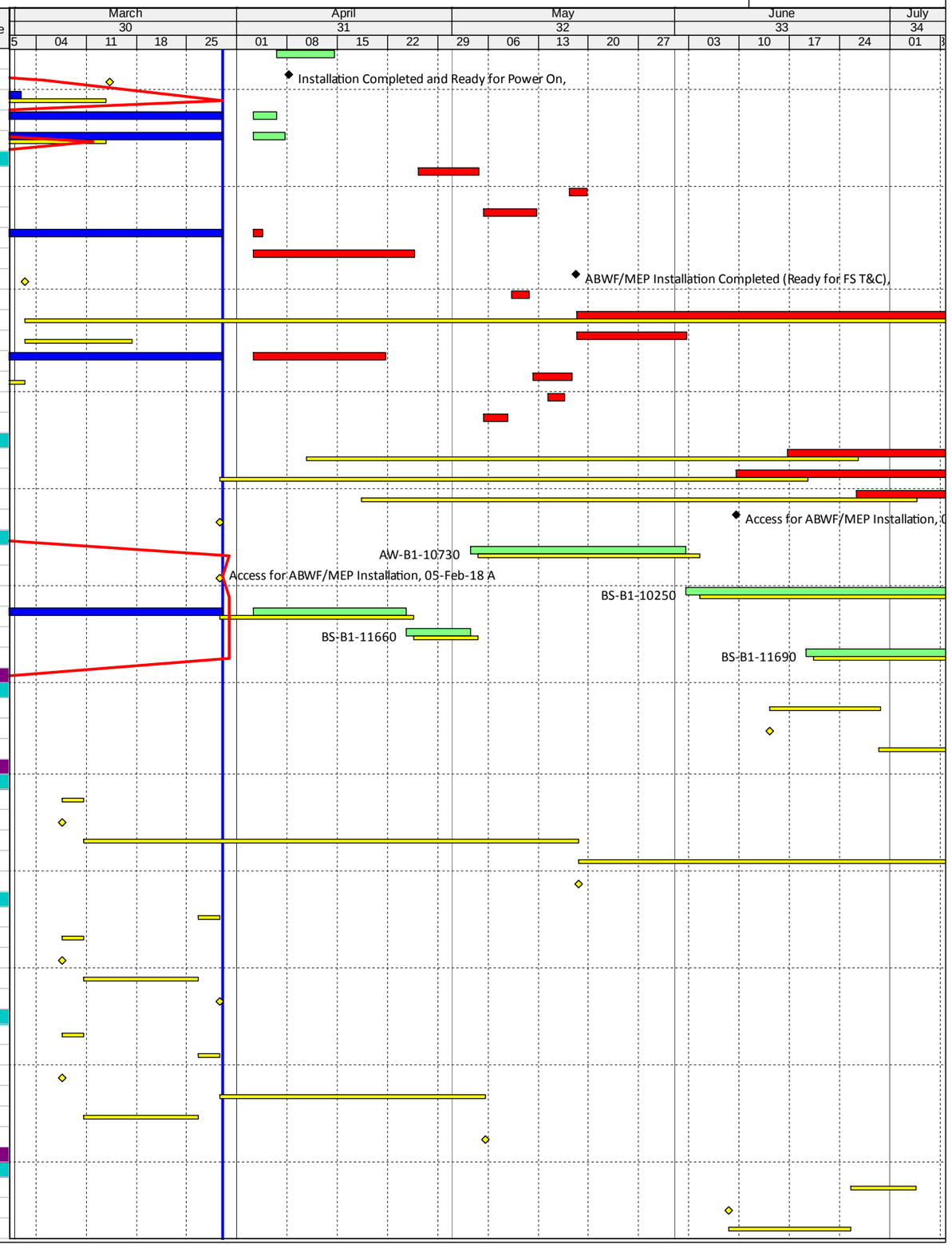
AW-B1-10	ABWF - Door frame & panels & ironmongeries installation	7	11-Jan-18	18-Jan-18	06-Apr-18	14-Apr-18	100%	0%	-67
BS-B1-10	Installation Completed and Ready for Power On	0		14-Mar-18		08-Apr-18	100%	0%	-25
BS-B1-10	LV Switchboards SAT	13	27-Feb-18	13-Mar-18	05-Feb-18 A	02-Mar-18 A	100%	100%	10
BS-B1-10	MEP- 1st/2nd Fix Installation	19	16-Dec-17	10-Jan-18	14-Oct-17 A	06-Apr-18	100%	75%	-67
BS-B1-10	MEP- Installation Main Switch Board/Cabling/Termination	40	23-Jan-18	13-Mar-18	19-Jan-18 A	07-Apr-18	100%	90%	-18
Main IT Room (B1-1-954)									
AW-B1-12	ABWF-Ceiling Frame w/ service panels	7	25-Jan-18	02-Feb-18	26-Apr-18	04-May-18	100%	0%	-71
AW-B1-12	ABWF-Raised Floor Panel Close-up	3	14-Feb-18	21-Feb-18	17-May-18	19-May-18	100%	0%	-71
AW-B1-12	ABWF-Raised Floor Setting out/Padestal/Grid/Door	7	02-Feb-18	10-Feb-18	05-May-18	12-May-18	100%	0%	-71
AW-B1-12	ABWF-Wall Final Paint	3	21-Feb-18	24-Feb-18	04-Dec-17 A	04-Apr-18	100%	50%	-30
AW-B1-12	ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F	19	08-Dec-17	03-Jan-18	03-Apr-18	25-Apr-18	100%	0%	-90
AW-B1-12	ABWF/MEP Installation Completed (Ready for FS T&C)	0		02-Mar-18		18-May-18	100%	0%	-77
AW-B1-12	Ceiling close up	3	06-Feb-18	09-Feb-18	09-May-18	11-May-18	100%	0%	-71
BS-B1-11	ELV- Backbone Cabling From Various Floors	107	02-Mar-18	14-Jul-18	18-May-18	22-Sep-18	22.22%	0%	-61
BS-B1-11	ELV- Equipment Rack Installation	13	02-Mar-18	17-Mar-18	18-May-18	02-Jun-18	100%	0%	-61
BS-B1-11	MEP H/L and Wall 1st/2nd Fix MEP Installation	19	03-Jan-18	25-Jan-18	27-Nov-17 A	21-Apr-18	100%	16%	-68
BS-B1-11	MEP Wall & Ceiling Final Fix	5	24-Feb-18	02-Mar-18	12-May-18	17-May-18	100%	0%	-61
BS-B1-11	MEP-Floor Mounted Installation	3	10-Feb-18	14-Feb-18	14-May-18	16-May-18	100%	0%	-71
BS-B1-11	MEP-H/L Dropper	3	02-Feb-18	06-Feb-18	05-May-18	08-May-18	100%	0%	-71
Central Control Centre & Central Control Centre Equip. Rm & Network Operation Centre (G.L. 6-12/A)									
AW-B1-10	ABWF/MEP Installation in Central Control Equipment Rm(D	63	10-Apr-18	26-Jun-18	16-Jun-18	31-Aug-18	0%	0%	-56
AW-B1-10	ABWF/MEP Installation in Central Control Centre (Detail refe	63	29-Mar-18	19-Jun-18	09-Jun-18	24-Aug-18	0.71%	0%	-56
AW-B1-10	ABWF/MEP Installation in Network Operation Centre (Detai	63	18-Apr-18	04-Jul-18	26-Jun-18	08-Sep-18	0%	0%	-56
AS-B1-10	Access for ABWF/MEP Installation	0	29-Mar-18		09-Jun-18		100%	0%	-72
Cafe kitchen (B1-1-044) GL 10-12/A-E & Catering Kitchen (G.L. 10 / B)									
AW-B1-10	ABWF-Waterproofiing & floor screeding/Rendering/Tile	25	04-May-18	04-Jun-18	03-May-18	02-Jun-18	0%	0%	1
AS-B1-10	Access for ABWF/MEP Installation	0	29-Mar-18		05-Feb-18 A		100%	100%	53
BS-B1-10	KIT-Installation Kitchen Equipment	38	04-Jun-18	20-Jul-18	02-Jun-18	19-Jul-18	0%	0%	1
BS-B1-10	MEP 1st / 2nd fix	19	29-Mar-18	25-Apr-18	05-Feb-18 A	24-Apr-18	2.34%	7%	1
BS-B1-11	MEP- Install Floor Drain/Wall Concealed Pipework	7	25-Apr-18	04-May-18	24-Apr-18	03-May-18	0%	0%	1
BS-B1-11	MEP-2nd fix-connection to Kitchen Equipment/Cabling	38	20-Jun-18	03-Aug-18	19-Jun-18	03-Aug-18	0%	0%	1
4. Zone B_F_Q_P									
Main Lobby									
AW-B1-12	ABWF - Ceiling / Wall Sealer	13	14-Jun-18	29-Jun-18	27-Sep-18	13-Oct-18	0%	0%	-87
AS-B1-10	Access for ABWF/MEP Installation	0	14-Jun-18		27-Sep-18		0%	0%	-105
BS-B1-11	MEP Installation H/L 1st & 2nd Fix	54	29-Jun-18	01-Sep-18	12-Oct-18	15-Dec-18	0%	0%	-87
5. Zone C_D1									
BOH Corrodior along G.L.J									
AW-B1-12	ABWF-Sealer paint	3	07-Mar-18	10-Mar-18	01-Aug-18	04-Aug-18	100%	0%	-118
AS-B1-10	Access for ABWF/MEP Installation	0	07-Mar-18		01-Aug-18		100%	0%	-147
BS-B1-11	MEP 1stFix-Main Chilled Water Header Installation/Connect	54	10-Mar-18	18-May-18	04-Aug-18	09-Oct-18	30.25%	0%	-118
BS-B1-11	MEP-1st/2nd Fix-PD/FS pipe/Containment/Wiring/CHW Pip	54	18-May-18	24-Jul-18	09-Oct-18	12-Dec-18	0%	0%	-118
BS-B1-11	Ready for System Flushing	0		18-May-18		09-Oct-18	0%	0%	-144
ICT Riser Room									
AW-B1-12	ABWF-Door/Iromongaries	3	26-Mar-18	29-Mar-18	20-Aug-18	23-Aug-18	100%	0%	-118
AW-B1-12	ABWF-Sealer paint	3	07-Mar-18	10-Mar-18	01-Aug-18	04-Aug-18	100%	0%	-118
AS-B1-10	Access for ABWF/MEP Installation	0	07-Mar-18		01-Aug-18		100%	0%	-147
BS-B1-11	MEP 1st/2nd Fix	13	10-Mar-18	26-Mar-18	04-Aug-18	20-Aug-18	100%	0%	-118
AS-B1-10	Ready for DC Access	0		29-Mar-18		23-Aug-18	100%	0%	-147
ELV Room									
AW-B1-12	ABWF Sealer paint	3	07-Mar-18	10-Mar-18	01-Aug-18	04-Aug-18	100%	0%	-118
AW-B1-12	ABWF-Door / Ironmongaries	3	26-Mar-18	29-Mar-18	20-Aug-18	23-Aug-18	100%	0%	-118
AS-B1-10	Access for ABWF/MEP Installation	0	07-Mar-18		01-Aug-18		100%	0%	-147
BS-B1-11	ELV- Equipment Ract / Cabling / Connection	27	29-Mar-18	05-May-18	23-Aug-18	24-Sep-18	1.23%	0%	-118
BS-B1-11	MEP 1st/2nd Fix	13	10-Mar-18	26-Mar-18	04-Aug-18	20-Aug-18	100%	0%	-118
AS-B1-11	Ready for ELV system T&C	0		05-May-18		24-Sep-18	0%	0%	-142
6. Zone G									
Museum Cafe									
AW-B1-11	ABWF-Floor Screeding	7	25-Jun-18	04-Jul-18	11-Oct-18	20-Oct-18	0%	0%	-90
AS-B1-10	Access for ABWF / MEP Installation	0	08-Jun-18		24-Sep-18		0%	0%	-108
AW-B1-11	BW- Floating Floor	13	08-Jun-18	25-Jun-18	24-Sep-18	11-Oct-18	0%	0%	-90



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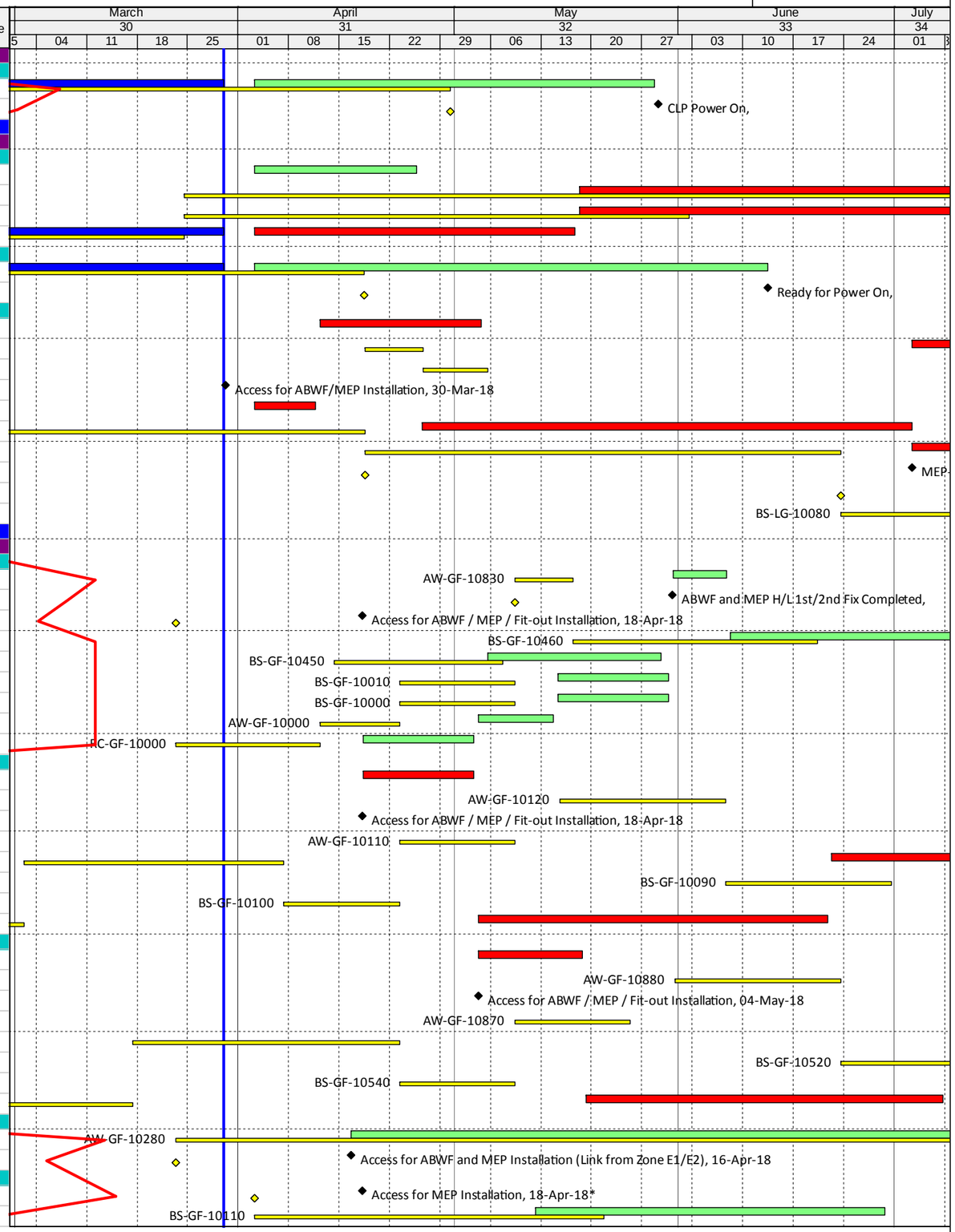
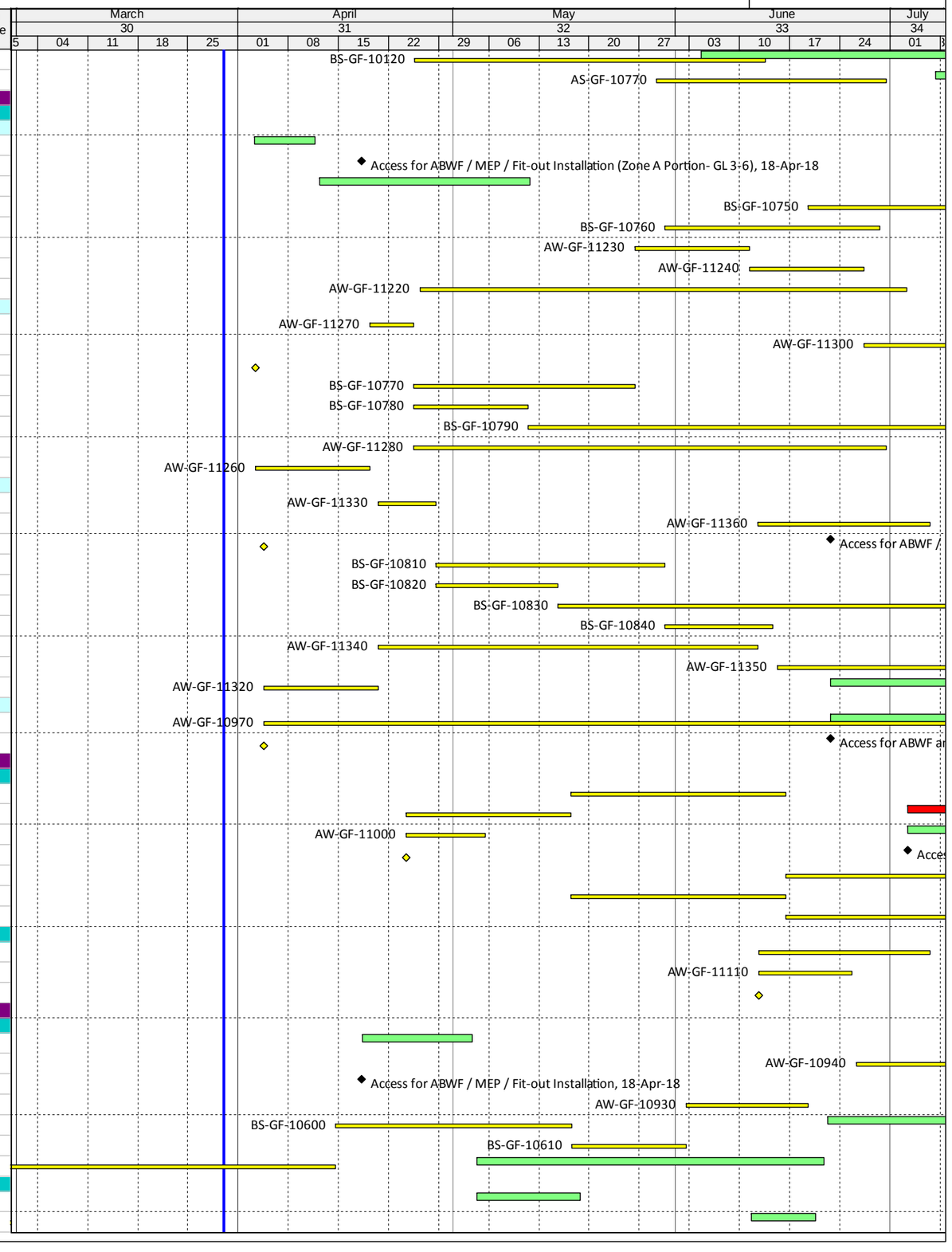
7. Zone H									
Transformer Room C									
BS-B1-12(	CLP Installation Period	80	18-Jan-18	30-Apr-18	27-Nov-17 A	28-May-18	72.08%	43.75%	-23
BS-B1-12(	CLP Power On	0		30-Apr-18		29-May-18	0%	0%	-29
LG/F									
CSF/RDE Zone									
Carpark Area									
AW-LG-10	ABWF - Wet Trade / Block wall / rendering / Ceiling / Floor	19	15-Jan-18	06-Feb-18	03-Apr-18	25-Apr-18	100%	0%	-61
BaP-LG-1(	HC-Construction Logistic/Temporary Site Storage Period	143	24-Mar-18	17-Sep-18	18-May-18	07-Nov-18	3.11%	0%	-41
BS-LG-10(	MEP 2nd Fix Installation-Cabling	54	24-Mar-18	02-Jun-18	18-May-18	23-Jul-18	8.23%	0%	-41
BS-LG-10(	MEP H/L 1st Fix Installation	50	22-Jan-18	24-Mar-18	27-Nov-17 A	17-May-18	100%	26%	-41
LV Switch Room (LG-3-700R) GL 4'-5'/H'-J'									
BS-LG-10(	LV Switch Room Installation (Refer to B1/F LV Switch Room)	73	15-Jan-18	18-Apr-18	06-Jan-18 A	13-Jun-18	83.11%	20%	-46
BS-LG-10(	Ready for Power On	0		18-Apr-18		13-Jun-18	0%	0%	-56
RDE Stair Pressurization (LG-3-800R)									
AW-LG-10	ABWF - Ceiling / Wall / floor - 1st Coat	19	23-Jan-18	14-Feb-18	12-Apr-18	04-May-18	100%	0%	-61
AW-LG-10	ABWF - Door frame & panels & ironmongeries installation	7	18-Apr-18	26-Apr-18	03-Jul-18	11-Jul-18	0%	0%	-61
AW-LG-10	ABWF final touch up/Door	7	26-Apr-18	05-May-18	11-Jul-18	19-Jul-18	0%	0%	-61
AS-LG-10:	Access for ABWF/MEP Installation	0	03-Jan-18		30-Mar-18		100%	0%	-86
AW-LG-10	BW-Plinth	7	15-Jan-18	23-Jan-18	03-Apr-18	11-Apr-18	100%	0%	-61
BS-LG-10(	MEP 1st/2nd Fix Installation	54	06-Feb-18	18-Apr-18	26-Apr-18	03-Jul-18	76.34%	0%	-61
BS-LG-10:	MEP Stair pressuation installation	54	18-Apr-18	23-Jun-18	03-Jul-18	04-Sep-18	0%	0%	-61
BS-B2-11(	MEP-Stair pressurization equipment on site	0	18-Apr-18		03-Jul-18*		0%	0%	-76
BS-LG-10(	Room Power On	0		23-Jun-18		04-Sep-18	0%	0%	-73
BS-LG-10(	System Self-test	13	23-Jun-18	10-Jul-18	04-Sep-18	19-Sep-18	0%	0%	-61
G/F									
1. Zone A, M,E									
Temporary Exhibation (G-1-004)									
AW-GF-10	ABWF - Raised floor - setting out / install padestal / grid (pai	7	09-May-18	17-May-18	31-May-18	07-Jun-18	0%	0%	-18
AW-GF-10	ABWF and MEP H/L 1st/2nd Fix Completed	0		09-May-18		31-May-18	0%	0%	-22
AS-GF-10-	Access for ABWF / MEP / Fit-out Installation	0	23-Mar-18		18-Apr-18		100%	0%	-26
BS-GF-10-	MEP (under raised floor) - A/C duct with insulatiom / contai	27	17-May-18	20-Jun-18	08-Jun-18	11-Jul-18	0%	0%	-18
BS-GF-10-	MEP H/L - 1st fix - riser duct installation	19	14-Apr-18	07-May-18	05-May-18	29-May-18	0%	0%	-18
BS-GF-10(	MEP H/L - final fix - sprinker head / alignment (after pipew /	13	23-Apr-18	09-May-18	15-May-18	30-May-18	0%	0%	-18
BS-GF-10(	MEP H/L 2nd Fix - Ligting wiring / lighting / AC equipment	13	23-Apr-18	09-May-18	15-May-18	30-May-18	0%	0%	-18
AW-GF-10	PISA-Glass Wall/Muillion	9	12-Apr-18	23-Apr-18	04-May-18	14-May-18	0%	0%	-18
RC-GF-10(	RC defect rectification	13	23-Mar-18	12-Apr-18	18-Apr-18	03-May-18	44.44%	0%	-18
Zone A - Lift Lobby / Corridor / Staff Entrance									
AW-GF-10	ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	23-Dec-17	11-Jan-18	18-Apr-18	03-May-18	100%	0%	-89
AW-GF-10	ABWF metal works / cabinet	19	15-May-18	07-Jun-18	30-Aug-18	21-Sep-18	0%	0%	-89
AS-GF-10-	Access for ABWF / MEP / Fit-out Installation	0	23-Dec-17		18-Apr-18		100%	0%	-116
AW-GF-10	Fire rated metail ceiling frames & close up	13	23-Apr-18	09-May-18	09-Aug-18	23-Aug-18	0%	0%	-89
BS-GF-10(	MEP - 2nd fix cabling & wiring / AC equipment	27	02-Mar-18	07-Apr-18	22-Jun-18	24-Jul-18	88.48%	0%	-89
BS-GF-10(	MEP - FS inlet pipework installation	19	07-Jun-18	30-Jun-18	21-Sep-18	16-Oct-18	0%	0%	-89
BS-GF-10:	MEP final fix	13	07-Apr-18	23-Apr-18	25-Jul-18	08-Aug-18	0%	0%	-89
BS-GF-10(	MEP Installation H/L 1st & 2nd Fix / riser	40	11-Jan-18	02-Mar-18	04-May-18	21-Jun-18	100%	0%	-89
Zone M - Lift Lobby / Corridor / Concourse									
AW-GF-10	ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	11-Jan-18	26-Jan-18	04-May-18	18-May-18	100%	0%	-89
AW-GF-10	ABWF metal works / cabinet	19	31-May-18	23-Jun-18	14-Sep-18	09-Oct-18	0%	0%	-89
AS-GF-10-	Access for ABWF / MEP / Fit-out Installation	0	11-Jan-18		04-May-18		100%	0%	-113
AW-GF-10	Fire rated metail ceiling frames & close up	13	09-May-18	25-May-18	24-Aug-18	07-Sep-18	0%	0%	-89
BS-GF-10:	MEP - 2nd fix cabling & wiring	27	17-Mar-18	23-Apr-18	09-Jul-18	08-Aug-18	40.33%	0%	-89
BS-GF-10:	MEP - FS inlet pipework installation	19	23-Jun-18	17-Jul-18	09-Oct-18	01-Nov-18	0%	0%	-89
BS-GF-10:	MEP final fix	13	23-Apr-18	09-May-18	09-Aug-18	23-Aug-18	0%	0%	-89
BS-GF-10:	MEP Installation H/L 1st & 2nd Fix / riser / AC equipment	40	26-Jan-18	17-Mar-18	19-May-18	07-Jul-18	100%	0%	-89
Toilets & Toilet Lobbies									
AW-GF-10	ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	23-Mar-18	04-Aug-18	16-Apr-18	23-Aug-18	5.4%	0%	-16
AS-GF-10:	Access for ABWF and MEP Installation (Link from Zone E1/E	0	23-Mar-18		16-Apr-18		100%	0%	-25
FS Inlet Cabinet GL 2-3/A-D									
AS-GF-10-	Access for MEP Installation	0	03-Apr-18		18-Apr-18*		0%	0%	-15
BS-GF-10:	FS inlet cabinet installation	40	03-Apr-18	21-May-18	12-May-18	29-Jun-18	0%	0%	-32



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

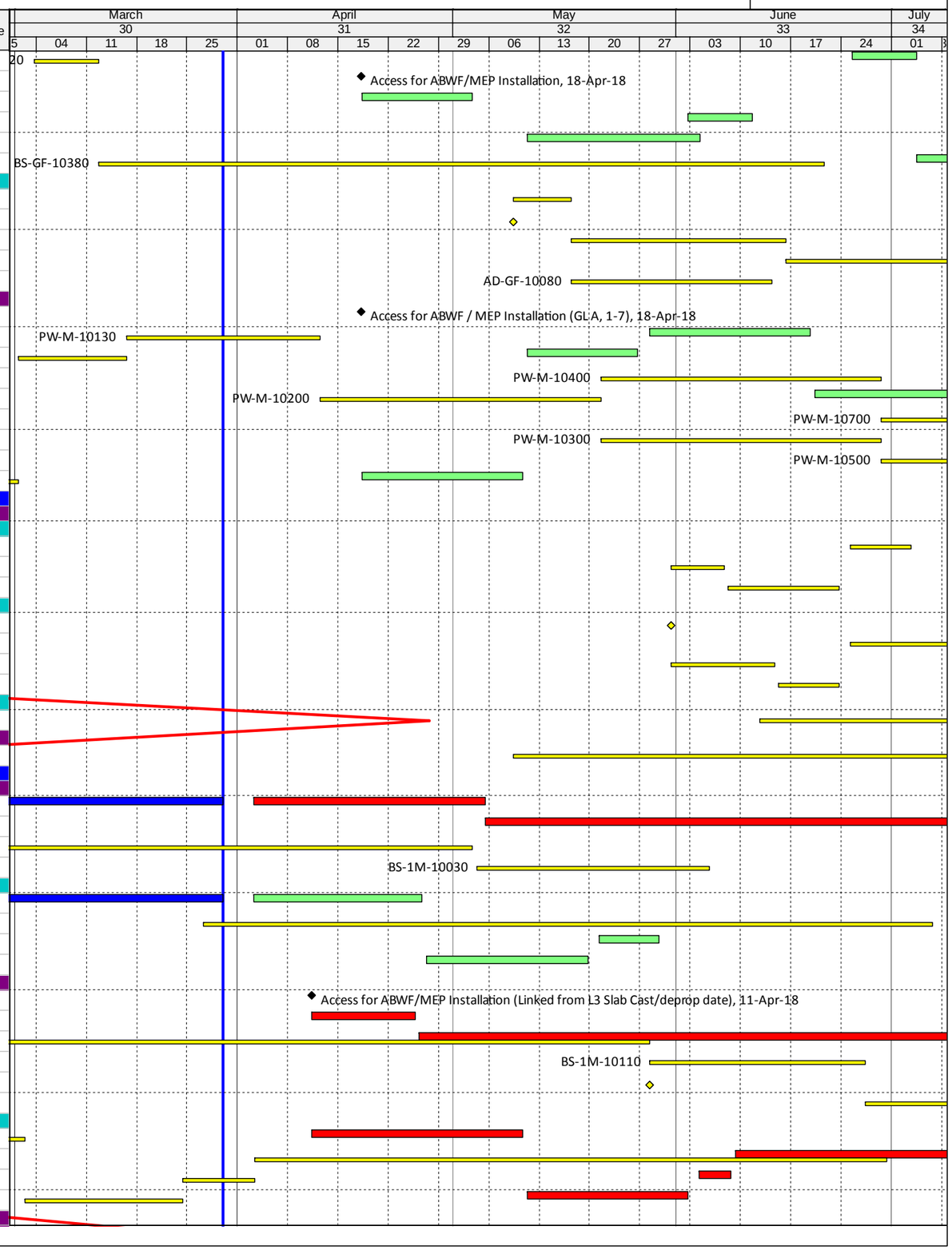
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
BS-GF-10	FS inlet pipework installatiom	40	25-Apr-18	13-Jun-18	04-Jun-18	23-Jul-18	0%	0%	-32
AS-GF-10	Ready for FS inspection	27	29-May-18	30-Jun-18	07-Jul-18	08-Aug-18	0%	0%	-32
2. Zone B, F, Q, P (Main Lobby)									
Main Lobby (G-1-014), including Zone A Portion-GL 3-6)									
Zone A (GL 3-6)									
AW-GF-1	ABWF- Ceiling Sealer (GL 3-6)	7	22-Dec-17	02-Jan-18	03-Apr-18	11-Apr-18	100%	0%	-78
AS-GF-1C	Access for ABWF / MEP / Fit-out Installation (Zone A Portior	0	07-Dec-17		18-Apr-18		100%	0%	-132
BS-GF-1C	MEP 1st/2nd Fix (Around Columnn)/H/L 2nd Fix (Lighting \	25	03-Jan-18	31-Jan-18	12-Apr-18	11-May-18	100%	0%	-78
BS-GF-1C	MEP Final Fix (Around Column)	25	19-Jun-18	19-Jul-18	27-Sep-18	29-Oct-18	0%	0%	-84
BS-GF-1C	MEP-Final Fix-H/L Light Fitting	25	30-May-18	29-Jun-18	15-Aug-18	13-Sep-18	0%	0%	-64
AW-GF-1	PISA- Install Coulum Cladding Frame	13	26-May-18	11-Jun-18	04-Sep-18	19-Sep-18	0%	0%	-84
AW-GF-1	PISA-Close Column Cladding	13	11-Jun-18	27-Jun-18	19-Sep-18	06-Oct-18	0%	0%	-84
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall (GL D-H,3)	54	26-Apr-18	03-Jul-18	07-Aug-18	11-Oct-18	0%	0%	-84
Zone Q, B, F (GL 6-8)									
AW-GF-1	ABWF- Ceiling Sealer (GL 6-8)	5	19-Apr-18	25-Apr-18	31-Jul-18	06-Aug-18	0%	0%	-84
AW-GF-1	ABWF-Install Column Cladding	13	27-Jun-18	13-Jul-18	06-Oct-18	23-Oct-18	0%	0%	-84
AS-GF-1C	Access for ABWF / MEP / Fit-out Installation (GL 6-8)- Link f	0	03-Apr-18		16-Jul-18*		0%	0%	-104
BS-GF-1C	MEP 1st/2nd Fix (Around Columnn)/H/L 2nd Fix (Lighting \	25	25-Apr-18	26-May-18	06-Aug-18	04-Sep-18	0%	0%	-84
BS-GF-1C	MEP- Erect Escalator Truss (ES03, 04)	13	25-Apr-18	11-May-18	06-Aug-18	21-Aug-18	0%	0%	-84
BS-GF-1C	MEP-Escalator Installation/T&C	54	11-May-18	17-Jul-18	21-Aug-18	26-Oct-18	0%	0%	-84
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall (GL J-k, 6-9)-L	54	25-Apr-18	30-Jun-18	06-Aug-18	10-Oct-18	0%	0%	-84
AW-GF-1	RC-Defect Rectification (GL 6-8)	13	03-Apr-18	19-Apr-18	16-Jul-18	31-Jul-18	0%	0%	-84
Zone E, P (GL 8-11)									
AW-GF-1	ABWF- Ceiling Sealer	7	20-Apr-18	28-Apr-18	09-Jul-18	17-Jul-18	0%	0%	-64
AW-GF-1	ABWF-Install FS/Security Shutter	19	12-Jun-18	06-Jul-18	28-Aug-18	19-Sep-18	0%	0%	-64
AS-GF-1C	Access for ABWF / MEP / Fit-out Installation- Link from Zone	0	04-Apr-18		22-Jun-18		0%	0%	-79
BS-GF-1C	MEP 1st/2nd Fix (Around Columnn)/H/L 2nd Fix (Lighting \	25	28-Apr-18	30-May-18	17-Jul-18	15-Aug-18	0%	0%	-64
BS-GF-1C	MEP- Erect Escalator Truss (ES01, 02)- From GF to B2	13	28-Apr-18	15-May-18	17-Jul-18	01-Aug-18	0%	0%	-64
BS-GF-1C	MEP-Escalator Installation/T&C	54	15-May-18	20-Jul-18	01-Aug-18	05-Oct-18	0%	0%	-64
BS-GF-1C	MEP-H/L Final Fix	13	30-May-18	14-Jun-18	15-Aug-18	30-Aug-18	0%	0%	-64
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall	43	20-Apr-18	12-Jun-18	09-Jul-18	28-Aug-18	0%	0%	-64
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall (GL D-H, 11 ar	27	15-Jun-18	18-Jul-18	31-Aug-18	03-Oct-18	0%	0%	-64
AW-GF-1	RC-Defect Rectification	13	04-Apr-18	20-Apr-18	22-Jun-18	09-Jul-18	0%	0%	-64
Zone L & K Toilets & Toilet Lobbies GL J/9-10									
AW-GF-1	ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	04-Apr-18	13-Aug-18	22-Jun-18	30-Oct-18	0%	0%	-64
AS-GF-1C	Access for ABWF and MEP Installation (Link from Zone E1/E	0	04-Apr-18		22-Jun-18		0%	0%	-79
3. Zone G									
150-Seat lecture theatre/Workshop / Multi-purpose Lounge/Storage/Lobby									
AW-GF-1C	ABWF-dry wall installation	25	17-May-18	16-Jun-18	25-Jul-18	23-Aug-18	0%	0%	-56
AW-GF-1C	ABWF-Isolated floor on structure floor slab at the 150-seat	19	24-Apr-18	17-May-18	03-Jul-18	25-Jul-18	0%	0%	-56
AW-GF-11	ABWF-Patching up the tie-bolt hole	9	24-Apr-18	05-May-18	03-Jul-18	13-Jul-18	0%	0%	-56
AS-GF-10	Access for ABWF / MEP / Fit-out Installation	0	24-Apr-18		03-Jul-18		0%	0%	-70
BS-GF-10	MEP 1st & 2nd fix (LL & HL) / AC equipment / pipes	25	16-Jun-18	18-Jul-18	23-Aug-18	21-Sep-18	0%	0%	-56
BS-GF-10	MEP 1st / 2nd fix HL	25	17-May-18	16-Jun-18	25-Jul-18	23-Aug-18	0%	0%	-56
AW-GF-11	PISA - Glass wall installation (GL 9-11/B-E)	32	16-Jun-18	26-Jul-18	23-Aug-18	02-Oct-18	0%	0%	-56
Learning Centre GL 10/C-D									
AW-GF-11	ABWF-Isolated floor on structure floor slab at the 150-seat	19	12-Jun-18	06-Jul-18	28-Jul-18	18-Aug-18	0%	0%	-37
AW-GF-11	ABWF-Patching up the tie-bolt hole	10	12-Jun-18	25-Jun-18	28-Jul-18	08-Aug-18	0%	0%	-37
AS-GF-10	Access for ABWF / MEP / Fit-out Installation	0	12-Jun-18		28-Jul-18		0%	0%	-45
4. Zone C, D1, D2 and N									
Zone D, N - Lift Lobby / Corridor / Concourse (GL 5 and 7)									
AW-GF-1C	ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	03-Feb-18	22-Feb-18	18-Apr-18	03-May-18	100%	0%	-55
AW-GF-1C	ABWF metal works / cabinet	19	26-Jun-18	19-Jul-18	30-Aug-18	21-Sep-18	0%	0%	-55
AS-GF-10	Access for ABWF / MEP / Fit-out Installation	0	03-Feb-18		18-Apr-18		100%	0%	-73
AW-GF-1C	Fire rated metail ceiling frames & close up	13	02-Jun-18	19-Jun-18	09-Aug-18	23-Aug-18	0%	0%	-55
BS-GF-10	MEP - 2nd fix cabling & wiring	27	14-Apr-18	17-May-18	22-Jun-18	24-Jul-18	0%	0%	-55
BS-GF-10	MEP final fix	13	17-May-18	02-Jun-18	25-Jul-18	08-Aug-18	0%	0%	-55
BS-GF-10	MEP Installation H/L 1st & 2nd Fix / riser	40	22-Feb-18	14-Apr-18	04-May-18	21-Jun-18	76.11%	0%	-55
Fire Control Room (G-1-057)									
AW-GF-1C	ABWF - Ceiling / Wall / floor - 1st Coat	13	10-Jan-18	25-Jan-18	04-May-18	18-May-18	100%	0%	-90
AW-GF-1C	ABWF - Door frame & panels & ironmongeries installation	7	20-Feb-18	28-Feb-18	11-Jun-18	20-Jun-18	100%	0%	-90



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

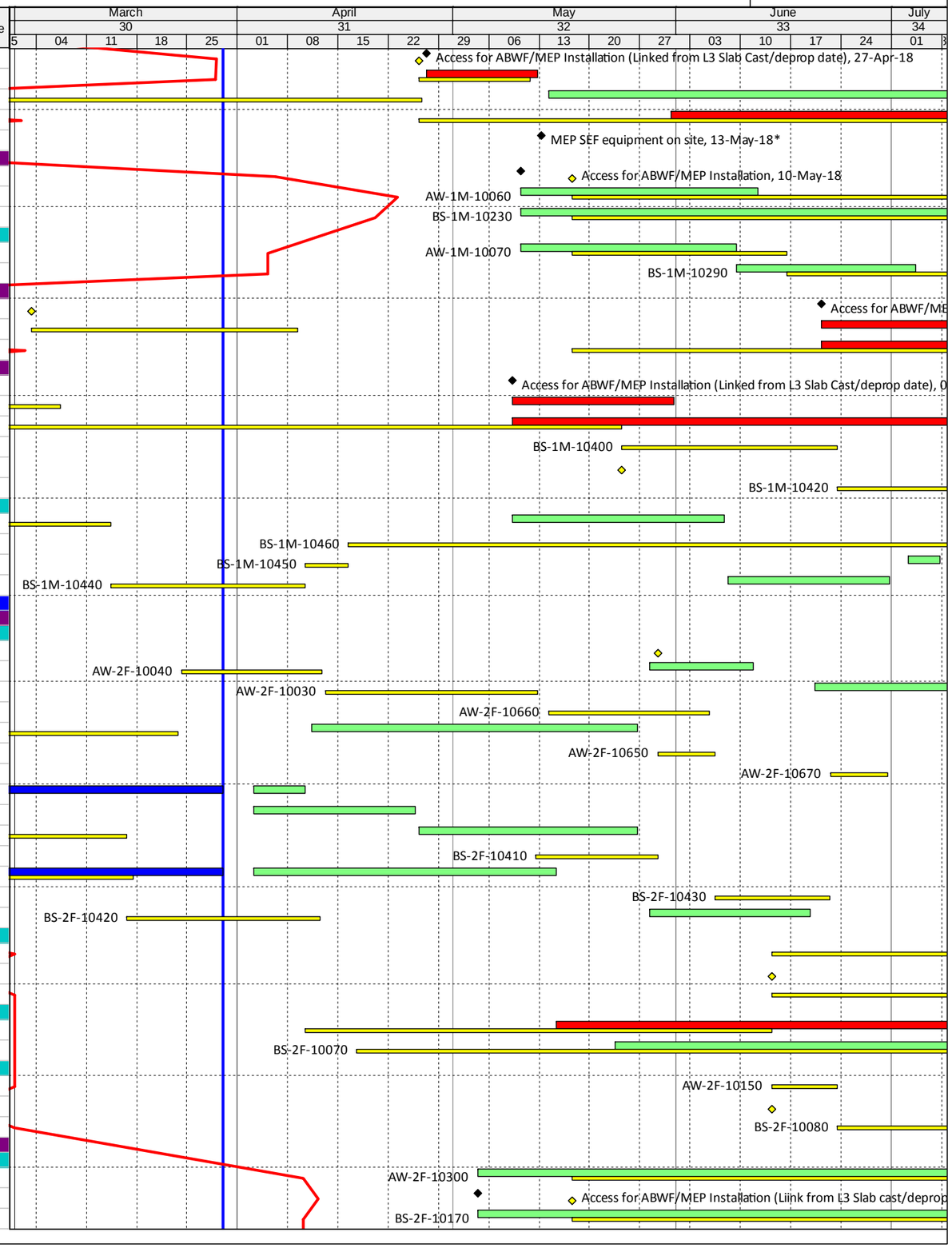
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AW-GF-1(	ABWF final touch up	7	03-Mar-18	12-Mar-18	25-Jun-18	04-Jul-18	100%	0%	-90
AS-GF-10	Access for ABWF/MEP Installation	0	22-Dec-17		18-Apr-18		100%	0%	-117
AW-GF-1(	General Builder's Works	13	22-Dec-17	10-Jan-18	18-Apr-18	03-May-18	100%	0%	-90
BS-GF-10	MEP Cabling & Wiring	7	08-Feb-18	20-Feb-18	02-Jun-18	11-Jun-18	100%	0%	-90
BS-GF-10	MEP Installation H/L 1st & 2nd Fix	19	17-Jan-18	08-Feb-18	11-May-18	04-Jun-18	100%	0%	-90
BS-GF-10	MEP-Fire Control System Installation/Connection	80	12-Mar-18	21-Jun-18	04-Jul-18	08-Oct-18	18.89%	0%	-90
Museum shop / Other Area									
AW-GF-1(	ABWF-Ceiling/Wall Sealer	7	09-May-18	17-May-18	20-Jul-18	27-Jul-18	0%	0%	-59
AD-GF-10	Access for ABWF / MEP / Fit-out Installation	0	09-May-18		20-Jul-18		0%	0%	-72
BS-GF-10	MEP 1st/2nd Fix -Containment/A/C/duct/FS Pipe/ Riser	25	17-May-18	16-Jun-18	28-Jul-18	25-Aug-18	0%	0%	-59
BS-GF-10	MEP Cabling & Wiring	19	16-Jun-18	11-Jul-18	27-Aug-18	17-Sep-18	0%	0%	-59
AD-GF-10	PISA-Glass Wall/Ceramic Mullion	23	17-May-18	14-Jun-18	28-Jul-18	23-Aug-18	0%	0%	-59
5. Pedestrian Pavement Works (Around M+ Podium)									
PW-M-101	Access for ABWF / MEP Installation (GL A, 1-7)	0	03-Feb-18		18-Apr-18		100%	0%	-73
PW-M-101	Concrete bedding & precast concrete bench (GL A, 1-7)	19	16-Mar-18	12-Apr-18	28-May-18	19-Jun-18	60.23%	0%	-55
PW-M-101	MEP P/D & ELE / ELV 1st & 2nd fix (GL A,1-7)	13	01-Mar-18	16-Mar-18	11-May-18	26-May-18	100%	0%	-55
PW-M-104	Pavement Work (GL A, 7-14)- (Detail Sequence refer to Act I	32	21-May-18	29-Jun-18	28-Jul-18	03-Sep-18	0%	0%	-55
PW-M-102	Pavement Work (GL A-E, 1-3)- (Detail Sequence refer to Act	32	12-Apr-18	21-May-18	20-Jun-18	27-Jul-18	0%	0%	-55
PW-M-107	Pavement Work (GL A-G, 11-14)- (Detail Sequence refer to A	32	29-Jun-18	07-Aug-18	04-Sep-18	12-Oct-18	0%	0%	-55
PW-M-103	Pavement Work (GL E-M, 1-3)- (Detail Sequence refer to Act	32	21-May-18	29-Jun-18	28-Jul-18	03-Sep-18	0%	0%	-55
PW-M-105	Pavement Work (GL K-M, 3-8)- (Detail Sequence refer to Act	32	29-Jun-18	07-Aug-18	04-Sep-18	12-Oct-18	0%	0%	-55
PW-M-101	Waterproofing / test / insulation layer / screeding (GL A,1-7	19	03-Feb-18	01-Mar-18	18-Apr-18	10-May-18	100%	0%	-55
1/F									
Zone G									
Countryard									
AW-MIC-1	ABWF - Ceiling sealer application	7	25-Jun-18	03-Jul-18	08-Sep-18	15-Sep-18	0%	0%	-64
AW-MIC-1	ABWF - Erection of scaffolding / working platform	7	31-May-18	07-Jun-18	16-Aug-18	23-Aug-18	0%	0%	-64
RC-MIC-1	RC defects rectifications	13	08-Jun-18	23-Jun-18	24-Aug-18	07-Sep-18	0%	0%	-64
Escalator to Roof Terrence									
AS-MIC-1	Access date for Escalator MEP installation (Link from activity	0	31-May-18		16-Aug-18		0%	0%	-77
RC-MIC-1	Construction of RC canopy cover	25	25-Jun-18	24-Jul-18	08-Sep-18	09-Oct-18	0%	0%	-64
BS-MIC-1(	MEP - Escalator truss installation	13	31-May-18	14-Jun-18	16-Aug-18	30-Aug-18	0%	0%	-64
BS-MIC-1(	MEP - FS sprinkler pipe / head installation in the escalator st	7	15-Jun-18	23-Jun-18	31-Aug-18	07-Sep-18	0%	0%	-64
Learning Centre									
BaP-1F-1(	ABWF / MEP - Competed for FS inspection (refer ro G/F lear	156	12-Jun-18	17-Dec-18	28-Jul-18	13-Nov-18	0%	0%	29
Zone C & D (Shop / office / Lobby)									
BaP-1F-10	ABWF / MEP - Competed for FS inspection (refer ro G/F Mu:	121	09-May-18	03-Oct-18	20-Jul-18	11-Dec-18	0%	0%	-59
1M/F									
1. Zone A,C,E,M									
AW-1M-1(	BW-MEP Plinths/Ceiling Paint (Sealer)	27	15-Nov-17	15-Dec-17	05-Feb-18 A	05-May-18	100%	2%	-109
BS-1M-10(	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP	54	16-Dec-17	23-Feb-18	05-May-18	11-Jul-18	100%	0%	-109
BS-1M-10(	MEP-Equipment Connection	54	24-Feb-18	03-May-18	11-Jul-18	12-Sep-18	53.7%	0%	-109
BS-1M-10(	MEP-Smoke Extraction System T&C	27	04-May-18	05-Jun-18	12-Sep-18	16-Oct-18	0%	0%	-109
ELV Room/ICT Riser Room @ GL B,4									
AW-1M-1	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	16-Dec-17	17-Jan-18	19-Jan-18 A	26-Apr-18	100%	20%	-78
BS-1M-1(	ELV-Cabling/Wiring	80	27-Mar-18	06-Jul-18	10-Aug-18*	15-Nov-18	3.75%	0%	-109
BS-1M-1(	ELV-Equipment Rack	7	09-Feb-18	20-Feb-18	21-May-18	29-May-18	100%	0%	-78
BS-1M-1(	MEP- 1st/2nd Fix	19	18-Jan-18	08-Feb-18	27-Apr-18	19-May-18	100%	0%	-78
2. Zone D1, D2									
AS-1M-10	Access for ABWF/MEP Installation (Linked from L3 Slab Cast	0	29-Jan-18		11-Apr-18		100%	0%	-72
AW-1M-1(	BW-MEP Plinths/Ceiling Paint (Sealer)	13	29-Jan-18	13-Feb-18	11-Apr-18	25-Apr-18	100%	0%	-55
BS-1M-10(	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP	80	13-Feb-18	28-May-18	26-Apr-18	01-Aug-18	44.72%	0%	-55
BS-1M-1(	MEP- Equipment Connection	25	28-May-18	27-Jun-18	02-Aug-18	30-Aug-18	0%	0%	-55
BS-1M-1(	MEP-Floor Power On (Partial)	0		28-May-18		02-Aug-18	0%	0%	-66
BS-1M-1(	MEP-Smoke Extraction System T&C	27	27-Jun-18	30-Jul-18	13-Oct-18	15-Nov-18	0%	0%	-90
ELV Room/ICT Riser Room @ GL K,4									
AW-1M-1	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	29-Jan-18	02-Mar-18	11-Apr-18	10-May-18	100%	0%	-55
BS-1M-1(	ELV-Cabling/Wiring	72	03-Apr-18	30-Jun-18	09-Jun-18*	03-Sep-18	0%	0%	-55
BS-1M-1(	ELV-Equipment Rack	5	24-Mar-18	03-Apr-18	04-Jun-18	08-Jun-18	95.56%	0%	-55
BS-1M-1(	MEP- 1st/2nd Fix	19	02-Mar-18	24-Mar-18	11-May-18	02-Jun-18	100%	0%	-55
3. Zone G									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

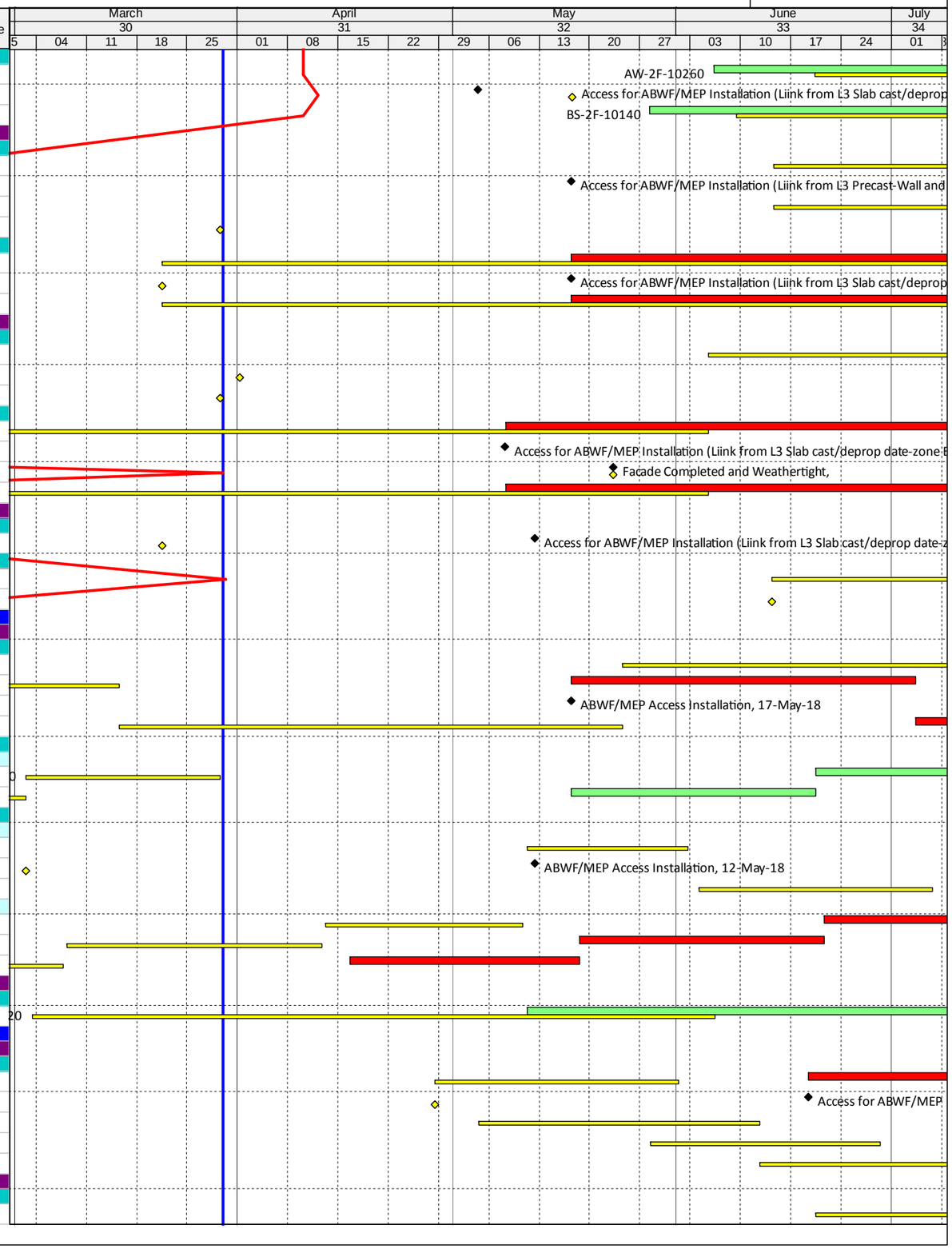
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AS-1M-10	Access for ABWF/MEP Installation (Linked from L3 Slab Cast	0	26-Apr-18		27-Apr-18		0%	0%	-1
AW-1M-1C	BW-MEP Plinths/Ceiling Paint (Sealer)	13	26-Apr-18	11-May-18	27-Apr-18	12-May-18	0%	0%	-1
BS-1M-10	MEP - Equipment Installation	54	15-Feb-18	26-Apr-18	14-May-18	18-Jul-18	62.96%	0%	-67
BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF	80	26-Apr-18	01-Aug-18	31-May-18	03-Sep-18	0%	0%	-28
BS-1M-10	MEP SEF equipment on site	0	15-Feb-18		13-May-18*		100%	0%	-87
4. Zone L, K, H,J									
AS-1M-10	Access for ABWF/MEP Installation	0	17-May-18		10-May-18		0%	0%	7
AW-1M-1C	BW-MEP Plinths/Ceiling Paint (Sealer)	45	17-May-18	12-Jul-18	10-May-18	12-Jun-18	0%	0%	24
BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF	95	17-May-18	08-Sep-18	10-May-18	15-Aug-18	0%	0%	21
ELV Room/ICT Riser Room @ GL J,14									
AW-1M-1	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	17-May-18	16-Jun-18	10-May-18	09-Jun-18	0%	0%	6
BS-1M-1C	MEP- 1st/2nd Fix	19	16-Jun-18	11-Jul-18	09-Jun-18	04-Jul-18	0%	0%	6
5. Zone B,Q,F,N									
AS-1M-10	Access for ABWF/MEP Installation (Linked from L3 Slab Cast	0	03-Mar-18		21-Jun-18		100%	0%	-110
AW-1M-1C	BW-MEP Plinths/Ceiling Paint (Sealer)	27	03-Mar-18	09-Apr-18	21-Jun-18	23-Jul-18	84.36%	0%	-87
BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF	80	17-May-18	22-Aug-18	21-Jun-18	22-Sep-18	0%	0%	-28
6. Zone P, E1									
AS-1M-10	Access for ABWF/MEP Installation (Linked from L3 Slab Cast	0	09-Feb-18		09-May-18		100%	0%	-89
AW-1M-1C	BW-MEP Plinths/Ceiling Paint (Sealer)	19	09-Feb-18	07-Mar-18	09-May-18	31-May-18	100%	0%	-68
BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF	80	09-Feb-18	24-May-18	09-May-18	13-Aug-18	48.33%	0%	-68
BS-1M-10	MEP- Equipment Final Connection	25	24-May-18	23-Jun-18	14-Aug-18	11-Sep-18	0%	0%	-68
BS-1M-10	MEP-Floor Power On (Partial)	0		24-May-18		14-Aug-18	0%	0%	-82
BS-1M-10	MEP-Smoke Extraction System T&C	25	23-Jun-18	24-Jul-18	12-Sep-18	12-Oct-18	0%	0%	-68
ELV Room									
AW-1M-1	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	09-Feb-18	14-Mar-18	09-May-18	07-Jun-18	100%	0%	-68
BS-1M-1C	ELV-Cabling/Wiring	72	16-Apr-18	13-Jul-18	09-Jul-18*	02-Oct-18	0%	0%	-68
BS-1M-1C	ELV-Equipment Rack	5	10-Apr-18	16-Apr-18	03-Jul-18	07-Jul-18	0%	0%	-68
BS-1M-1C	MEP- 1st/2nd Fix	19	14-Mar-18	10-Apr-18	08-Jun-18	30-Jun-18	71.93%	0%	-68
2/F									
1. Zone A, E, M									
Zone A- Temporary Exhibation, Gallary 5 & 6 and Tall Gallary 1 & 2/BOH Area									
AW-2F-1C	ABWF and MEP H/L 1st/2nd Fix Completed	0		29-May-18		03-Aug-18	0%	0%	-66
AW-2F-1C	ABWF Wall Plastering/Wall Under/1st Coat	13	24-Mar-18	12-Apr-18	28-May-18	11-Jun-18	38.46%	0%	-49
AW-2F-1C	ABWF-Ceiling Frame(FOH)/ Door Frame/Fire Shutter(BOH)	25	13-Apr-18	12-May-18	20-Jun-18	19-Jul-18	0%	0%	-55
AW-2F-1C	ABWF-Ceiling Panel	19	14-May-18	05-Jun-18	20-Jul-18	10-Aug-18	0%	0%	-55
AW-2F-1C	ABWF-Drywall stud/1side broad/MEP conceal/Drywall close	38	05-Feb-18	23-Mar-18	11-Apr-18	26-May-18	100%	0%	-49
AW-2F-1C	ABWF-Rasied Floor-Setting out/Install Padestal/Grid(Partial	7	29-May-18	06-Jun-18	03-Aug-18	11-Aug-18	0%	0%	-55
AW-2F-1C	ABWF-Remaing Floor Grid/Floor Panel	7	22-Jun-18	30-Jun-18	27-Aug-18	04-Sep-18	0%	0%	-55
AW-2F-1C	ABWF/MEP-Moblisation	7	20-Jan-18	29-Jan-18	15-Jan-18 A	10-Apr-18	100%	25%	-54
AW-2F-1C	BW-Floor screeding	19	20-Jan-18	12-Feb-18	03-Apr-18	25-Apr-18	100%	0%	-55
BS-2F-10	MEP 1st/2nd Fix -Containment/A/C duct/FS Pipe/ Riser in li	25	12-Feb-18	16-Mar-18	26-Apr-18	26-May-18	100%	0%	-55
BS-2F-10	MEP Dropper-FS dropper/Electrical Flexible/wiring/	13	12-May-18	29-May-18	19-Jul-18	03-Aug-18	0%	0%	-55
BS-2F-10	MEP H/L 1st/2nd Fix -Containment/A/C duct/FS Pipe (FOH /	38	29-Jan-18	17-Mar-18	15-Jan-18 A	15-May-18	100%	10%	-45
BS-2F-10	MEP(Under Rasied Floor)-A/C duct with insulation/Contain	13	06-Jun-18	22-Jun-18	11-Aug-18	27-Aug-18	0%	0%	-55
BS-2F-10	MEP/ELV Cabling & Wiring	19	16-Mar-18	12-Apr-18	28-May-18	19-Jun-18	60.23%	0%	-55
Zone E-Gallary 8 /BOH /Lift lobby and Gallary Study Area									
AW-2F-1C	ABWF Installation before A/C On- Typical Sequence Please r	107	14-Jun-18	23-Oct-18	20-Jul-18	26-Nov-18	0%	0%	-29
AS-2F-10	Access for ABWF/MEP Installation (Link from L3 slab/depro	0	14-Jun-18		20-Jul-18		0%	0%	-36
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	107	14-Jun-18	23-Oct-18	20-Jul-18	26-Nov-18	0%	0%	-29
Zone M-Stair/Lift Lobbys/First Aid Room									
AW-2F-1C	ABWF-Floor screeding/Door Frame, Ceiling/Wall/Floor Paint	54	10-Apr-18	14-Jun-18	15-May-18	20-Jul-18	0%	0%	-29
BS-2F-10(	MEP H/L 1st/2nd Fix -Containment/A/C duct/FS Pipe/ Rainv	80	17-Apr-18	24-Jul-18	23-May-18	27-Aug-18	0%	0%	-29
Zone E- Gallary Tolient									
AW-2F-1C	ABWF-Block Wall	7	14-Jun-18	23-Jun-18	20-Jul-18	28-Jul-18	0%	0%	-29
AS-2F-10	Access for ABWF/MEP Installation	0	14-Jun-18		20-Jul-18		0%	0%	-36
BS-2F-10(	MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	13	23-Jun-18	10-Jul-18	28-Jul-18	13-Aug-18	0%	0%	-29
3. Zone G GL 11-14/A-H									
Park View Gallery, Galllary 9, Harbour Gallery 1 and Garden Gallary 2									
AW-2F-1C	ABWF Installation before A/C On- Typical Sequence Please r	107	17-May-18	22-Sep-18	04-May-18	10-Sep-18	0%	0%	11
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	17-May-18		04-May-18		0%	0%	13
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	107	17-May-18	22-Sep-18	04-May-18	10-Sep-18	0%	0%	11



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Gallary 10 and Courtyard View Gallary									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	89	20-Jun-18	05-Oct-18	06-Jun-18	19-Sep-18	0%	0%	11
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	17-May-18		04-May-18		0%	0%	13
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	89	09-Jun-18	24-Sep-18	28-May-18	10-Sep-18	0%	0%	11
2. Zone C, D1 and D2									
Zone C- Skylight Gallery and BOH along GL 1 and GL K									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	86	14-Jun-18	26-Sep-18	07-Aug-18	19-Nov-18	0%	0%	-44
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Precast-Wa	0	26-Jan-18		17-May-18		100%	0%	-111
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	86	14-Jun-18	26-Sep-18	07-Aug-18	19-Nov-18	0%	0%	-44
AW-2F-10	Skylight Installation Completed (Link from Act ID 47350)	0		29-Mar-18		18-Jul-18	100%	0%	-111
Zone D1- Plaza view Gallery, Gallery 1-4 and 14 &15 and BOH along GL M & GL 5-6									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	94	21-Mar-18	18-Jul-18	17-May-18	07-Sep-18	7.92%	0%	-44
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	21-Mar-18		17-May-18		100%	0%	-57
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	94	21-Mar-18	18-Jul-18	17-May-18	07-Sep-18	7.92%	0%	-44
5. Zone B, Q, F, P, E1									
Zone P- Jukebox Gallary and Gallary 11									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	80	05-Jun-18	08-Sep-18	13-Sep-18	18-Dec-18	0%	0%	-83
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	01-Apr-18		18-Jul-18		0%	0%	-108
AS-2F-10	Facade Completed and Weathertight	0		29-Mar-18		18-Jul-18	100%	0%	-111
Zone E1- Gallary 7 and Garden Gallary 1									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	107	20-Jan-18	05-Jun-18	08-May-18	12-Sep-18	51.82%	0%	-83
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	20-Jan-18		08-May-18		100%	0%	-107
AS-2F-10	Facade Completed and Weathertight	0		23-May-18		23-May-18*	0%	0%	0
BS-2F-10	MEP Installation before A/C On - Typical Sequence Please re	107	20-Jan-18	05-Jun-18	08-May-18	12-Sep-18	51.82%	0%	-83
4. Zone L, K, H, J									
Zone J Gallary 12									
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	21-Mar-18		12-May-18		100%	0%	-52
Zone L, K, H- Open Gallary, Harbour View Gallary, Corridor and BOH									
AW-2F-10	ABWF Installation before A/C On- Typical Sequence Please r	107	14-Jun-18	23-Oct-18	17-Jul-18	22-Oct-18	0%	0%	0
AS-2F-10	Access for ABWF/MEP Installation (Liink from L3 Slab cast/d	0	14-Jun-18		17-Jul-18		0%	0%	-34
3/F									
Roof Terrace									
Zone A (G.L. A-H/1-6)									
AW-3F-10	ABWF - Garden hard landscape	54	24-May-18	28-Jul-18	05-Sep-18	10-Nov-18	0%	0%	-87
AW-3F-10	ABWF-Wet Trade / Screeding / Water Proofing / Test / Insula	38	26-Jan-18	15-Mar-18	17-May-18	04-Jul-18	100%	0%	-87
AS-3F-11	ABWF/MEP Access Installation	0	26-Jan-18		17-May-18		100%	0%	-111
BS-3F-10	MEP-1st & 2nd Fix	54	15-Mar-18	24-May-18	04-Jul-18	05-Sep-18	23.05%	0%	-87
Zone E & P & G (G.L. A-G/8-14)									
Zone P									
AW-3F-1	PISA-Skylight Installation	23	02-Mar-18	29-Mar-18	20-Jun-18	18-Jul-18	100%	0%	-87
AW-3F-1	Zone P Remaining Structure for Skylight (Link from Zone P 3	27	26-Jan-18	02-Mar-18	17-May-18	20-Jun-18	100%	0%	-87
Zone B & C & D (G.L. A-E/8-11)									
Zone B & D									
AW-3F-1	ABWF-Wet Trade / Screeding / Water Proofing / Test / Insula	19	11-May-18	02-Jun-18	19-Jul-18	10-Aug-18	0%	0%	-57
AS-3F-11	ABWF/MEP Access Installation	0	02-Mar-18		12-May-18		100%	0%	-71
BS-3F-10	MEP-1st & 2nd Fix	27	04-Jun-18	06-Jul-18	10-Aug-18	11-Sep-18	0%	0%	-57
Zone C									
AW-3F-1	PISA-Skylight Installation	23	13-Apr-18	10-May-18	21-Jun-18	19-Jul-18	0%	0%	-57
AW-3F-1	REL-Precast Wall / Roof Ready	27	08-Mar-18	12-Apr-18	18-May-18	21-Jun-18	70.37%	0%	-57
AW-3F-1	Zone C Remaining Structure for Skylight (Link from Zone C 3	27	01-Feb-18	07-Mar-18	16-Apr-18	18-May-18	100%	0%	-57
Zone F									
Staircase & Staircase Lobby									
ST-B2-102	Staircase ST-76 (Similiar working procedures as ST-04B)	75	03-Mar-18	06-Jun-18	11-May-18	10-Aug-18	30.22%	0%	-54
Moving Image Centre Working Programme									
B1/F									
Cooridor along G.L. 10-14/K									
AW-MC-1	ABWF-Wet Trade-Block Wall/Rendering/1st Coat	27	28-Apr-18	01-Jun-18	19-Jun-18	21-Jul-18	0%	0%	-41
AS-MC-10	Access for ABWF/MEP Installation	0	28-Apr-18		19-Jun-18		0%	0%	-52
BS-MC-10	MEP- Install Main CHW Header along GL K-L, 12-8 (linked to	32	04-May-18	12-Jun-18	30-Aug-18	09-Oct-18	0%	0%	-98
BS-MC-10	MEP-1st Fix/2nd Fix-AC/Elect/PD/FS	27	28-May-18	29-Jun-18	21-Sep-18	26-Oct-18	0%	0%	-98
BS-MC-10	MEP-2nd Fix-Cabling/Wiring	27	12-Jun-18	16-Jul-18	09-Oct-18	10-Nov-18	0%	0%	-98
LG/F									
60-Seat Cinema									
AW-MC-1	ABWF/MEP Installation	116	20-Jun-18	07-Nov-18	13-Oct-18	06-Mar-19	0%	0%	-96



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Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
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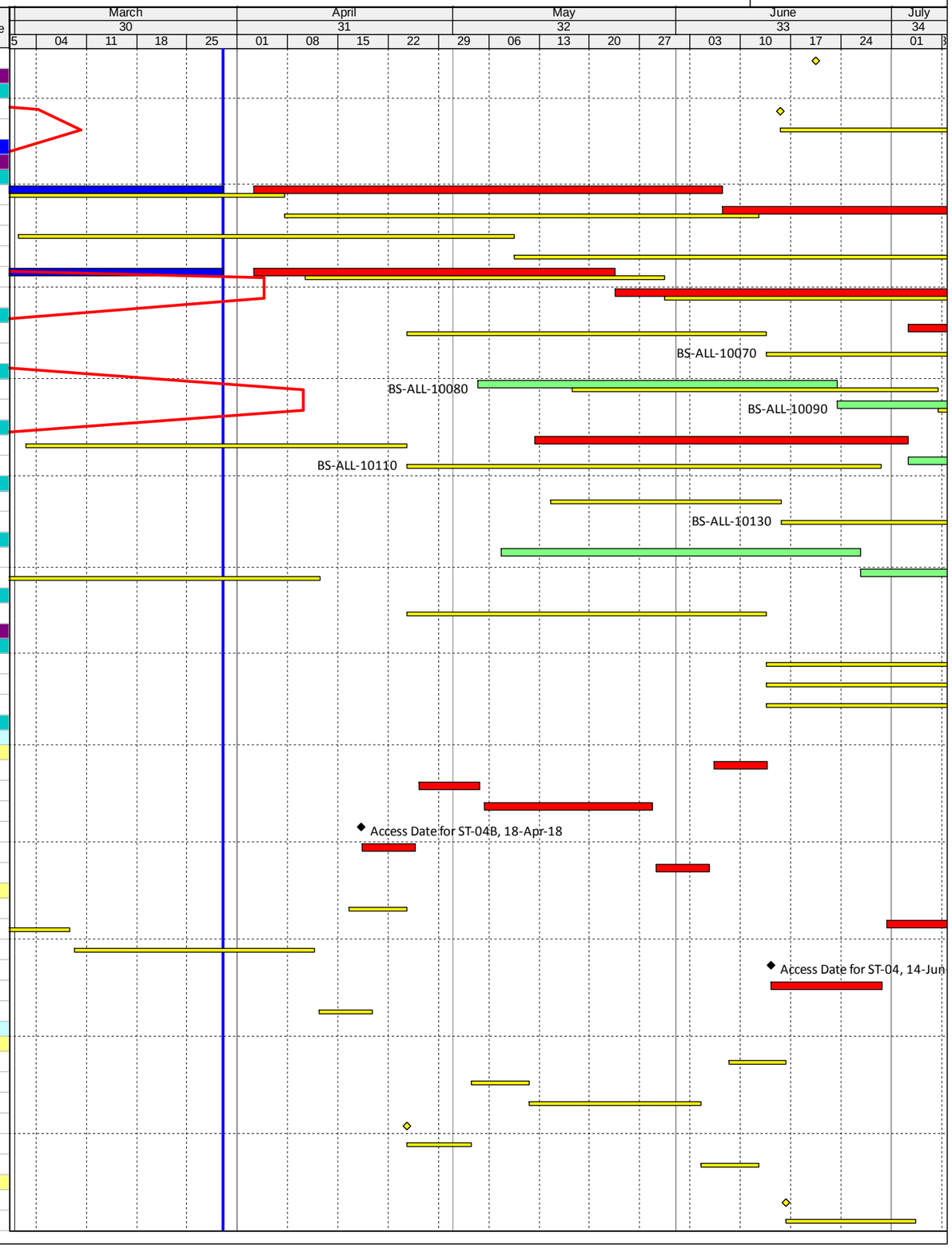
Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

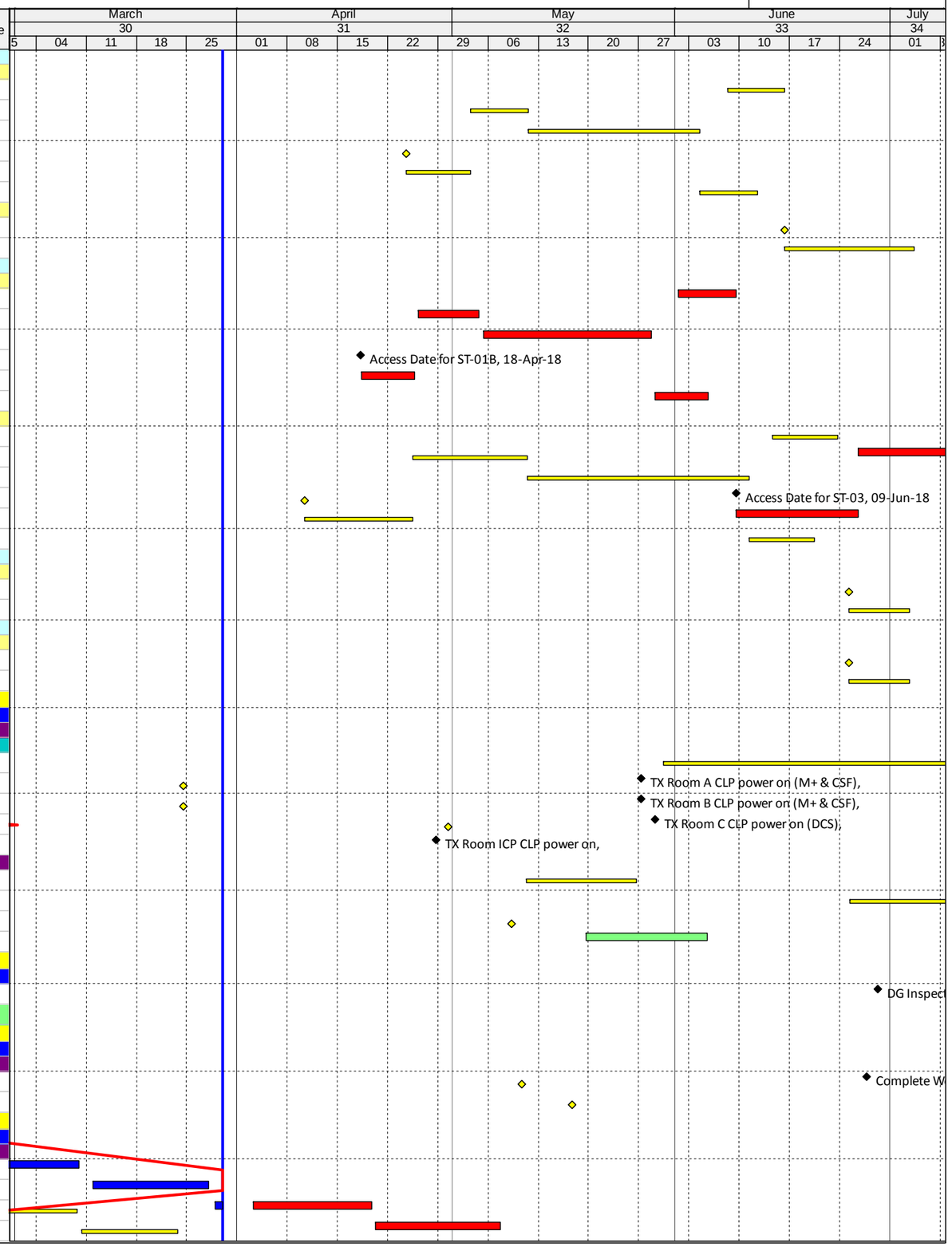
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AS-MC-10	Access for ABWF & MEP Work (linked from Zone K Droprop	0	20-Jun-18		13-Oct-18		0%	0%	-115
G/F									
Main Auditorium / Open Cinema (G/F - 2/F) (2-1-053)									
AS-Aud-1	Access for ABWF / MEP installation (Link from A60290 Audi	0	15-Jun-18		11-Jul-18		0%	0%	-26
RC-Aud-1	Steel truss construction	27	15-Jun-18	19-Jul-18	11-Jul-18	11-Aug-18	0%	0%	-20
All Levels Works									
Risers									
1. Zone A & M									
BS-ALL-10	Zone A(GL B & E)- MEP Riser Installation-1st/2nd Fix Installa	54	26-Jan-18	07-Apr-18	19-Feb-18 A	07-Jun-18	93.42%	1%	-50
BS-ALL-10	Zone A(GL B & E)-MEP Riser Installation-Cabling	54	07-Apr-18	12-Jun-18	07-Jun-18	11-Aug-18	0%	0%	-50
BS-ALL-10	Zone A(GL H)- MEP Riser Installation-1st/2nd Fix Installation	54	01-Mar-18	09-May-18	17-Jul-18	18-Sep-18	45.27%	0%	-110
BS-ALL-10	Zone A(GL H)-MEP Riser Installation-Cabling	54	09-May-18	14-Jul-18	18-Sep-18	23-Nov-18	0%	0%	-110
BS-ALL-10	Zone M- MEP Riser Installation-1st/2nd Fix Installation	41	10-Apr-18	30-May-18	19-Feb-18 A	23-May-18	0%	1%	6
BS-ALL-10	Zone M-MEP Riser Installation-Cabling	54	30-May-18	03-Aug-18	23-May-18	27-Jul-18	0%	0%	6
2. Zone N									
BS-ALL-10	Zone N- MEP Riser Installation-1st/2nd Fix Installation	41	24-Apr-18	13-Jun-18	03-Jul-18	20-Aug-18	0%	0%	-56
BS-ALL-10	Zone N-MEP Riser Installation-Cabling	54	13-Jun-18	17-Aug-18	20-Aug-18	25-Oct-18	0%	0%	-56
3. Zone G									
BS-ALL-10	Zone G- MEP Riser Installation-1st/2nd Fix Installation	41	17-May-18	07-Jul-18	04-May-18	23-Jun-18	0%	0%	11
BS-ALL-10	Zone G-MEP Riser Installation-Cabling	54	07-Jul-18	08-Sep-18	23-Jun-18	27-Aug-18	0%	0%	11
4. Zone D1									
BS-ALL-10	Zone D1- MEP Riser Installation-1st/2nd Fix Installation	41	02-Mar-18	24-Apr-18	12-May-18	03-Jul-18	57.18%	0%	-56
BS-ALL-10	Zone D1-MEP Riser Installation-Cabling	54	24-Apr-18	29-Jun-18	03-Jul-18	04-Sep-18	0%	0%	-56
5. Zone H									
BS-ALL-10	Zone H- MEP Riser Installation-1st/2nd Fix Installation	27	14-May-18	15-Jun-18	17-Jul-18	17-Aug-18	0%	0%	-52
BS-ALL-10	Zone H-MEP Riser Installation-Cabling	27	15-Jun-18	19-Jul-18	17-Aug-18	18-Sep-18	0%	0%	-52
6. Zone E									
BS-ALL-10	Zone E- MEP Riser Installation-1st/2nd Fix Installation	41	11-Dec-17	31-Jan-18	07-May-18	26-Jun-18	100%	0%	-115
BS-ALL-10	Zone E-MEP Riser Installation-Cabling	54	31-Jan-18	12-Apr-18	26-Jun-18	29-Aug-18	86.01%	0%	-115
7. RDE / CSF									
BS-ALL-10	B2/F_RDE ICT Riser (B2-1-950M) GL 5'/F'	41	24-Apr-18	13-Jun-18	27-Aug-18	16-Oct-18	0%	0%	-103
Staircases									
CSF & RDE									
BaP-ALL-1	B1/F-G/F (CSF&RDE) Staircase ST-54B (Similiar working proc	75	13-Jun-18	11-Sep-18	16-Oct-18	16-Jan-19	0%	0%	-103
BaP-ALL-1	B2/F-G/F (CSF&RDE) Staircase ST-51B (Similiar working proc	75	13-Jun-18	11-Sep-18	16-Oct-18	16-Jan-19	0%	0%	-103
BaP-ALL-1	B2/F-G/F (CSF&RDE) Staircase ST-53B (Similiar working proc	75	13-Jun-18	11-Sep-18	16-Oct-18	16-Jan-19	0%	0%	-103
M+									
Stair cores @ GL B-C/3 (Zone A)									
Staircase B2/F - G/F Staircase ST-04B									
AW-ALL-	ABWF-Door/Ironmongeries	7	26-Jan-18	02-Feb-18	06-Jun-18	13-Jun-18	100%	0%	-103
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade (7 days)	7	15-Dec-17	22-Dec-17	26-Apr-18	04-May-18	100%	0%	-103
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	19	23-Dec-17	17-Jan-18	05-May-18	28-May-18	100%	0%	-103
AS-ALL-1	Access Date for ST-04B	0	07-Dec-17		18-Apr-18		100%	0%	-132
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	7	07-Dec-17	14-Dec-17	18-Apr-18	25-Apr-18	100%	0%	-103
BS-ALL-1	MEP Final Fix (7days)	7	18-Jan-18	25-Jan-18	29-May-18	05-Jun-18	100%	0%	-103
Staircase G/F/ - 3/F Staircase ST-04									
AW-ALL-	ABWF-Door/Ironmongeries	7	16-Apr-18	24-Apr-18	18-Aug-18	27-Aug-18	0%	0%	-103
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade (7 days)	13	22-Feb-18	08-Mar-18	30-Jun-18	16-Jul-18	100%	0%	-103
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	25	09-Mar-18	11-Apr-18	17-Jul-18	14-Aug-18	72%	0%	-103
AS-ALL-1	Access Date for ST-04	0	03-Feb-18		14-Jun-18		100%	0%	-131
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	13	03-Feb-18	21-Feb-18	14-Jun-18	29-Jun-18	100%	0%	-103
BS-ALL-1	MEP Final Fix (7days)	7	12-Apr-18	19-Apr-18	15-Aug-18	22-Aug-18	0%	0%	-103
Stair cores @ G-H/2-3 (Zone D)									
Staircase B2/F - G/F Staircase ST-07B									
AW-ALL-	ABWF-Door/Ironmongeries	7	08-Jun-18	16-Jun-18	11-Oct-18	20-Oct-18	0%	0%	-103
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade	7	03-May-18	11-May-18	04-Sep-18	12-Sep-18	0%	0%	-103
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	19	11-May-18	04-Jun-18	12-Sep-18	06-Oct-18	0%	0%	-103
AS-ALL-1	Access Date for ST-04B	0	24-Apr-18		27-Aug-18		0%	0%	-125
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	7	24-Apr-18	03-May-18	27-Aug-18	04-Sep-18	0%	0%	-103
BS-ALL-1	MEP Final Fix	7	04-Jun-18	12-Jun-18	06-Oct-18	15-Oct-18	0%	0%	-103
Staircase G/F/ - 3/F Staircase ST-07									
AS-ALL-1	Access Date for ST-04	0	16-Jun-18		20-Oct-18		0%	0%	-126
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	13	16-Jun-18	04-Jul-18	20-Oct-18	05-Nov-18	0%	0%	-103



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Stair cores @ L-M/7-8 (Zone N)									
Staircase B1/F - G/F Staircase ST-03B									
AW-ALL-	ABWF-Door/Ironmongeries	7	08-Jun-18	16-Jun-18	11-Oct-18	20-Oct-18	0%	0%	-103
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade	7	03-May-18	11-May-18	04-Sep-18	12-Sep-18	0%	0%	-103
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	19	11-May-18	04-Jun-18	12-Sep-18	06-Oct-18	0%	0%	-103
AS-ALL-:	Access Date for ST-03B	0	24-Apr-18		27-Aug-18		0%	0%	-125
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	7	24-Apr-18	03-May-18	27-Aug-18	04-Sep-18	0%	0%	-103
BS-ALL-:	MEP Final Fix	7	04-Jun-18	12-Jun-18	06-Oct-18	15-Oct-18	0%	0%	-103
Staircase G/F/ - 3/F Staircase ST-03									
AS-ALL-:	Access Date for ST-03	0	16-Jun-18		20-Oct-18		0%	0%	-126
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	13	16-Jun-18	04-Jul-18	20-Oct-18	05-Nov-18	0%	0%	-103
Stair cores @ A-B/7-8 (Zone M)									
Staircase B1/F - G/F Staircase ST-01B									
AW-ALL-	ABWF-Door/Ironmongeries	7	22-Jan-18	30-Jan-18	01-Jun-18	09-Jun-18	100%	0%	-103
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade	7	15-Dec-17	22-Dec-17	26-Apr-18	04-May-18	100%	0%	-103
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	19	23-Dec-17	17-Jan-18	05-May-18	28-May-18	100%	0%	-103
AS-ALL-:	Access Date for ST-01B	0	07-Dec-17		18-Apr-18		100%	0%	-132
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	7	07-Dec-17	14-Dec-17	18-Apr-18	25-Apr-18	100%	0%	-103
BS-ALL-:	MEP Final Fix	7	18-Jan-18	25-Jan-18	29-May-18	05-Jun-18	100%	0%	-103
Staircase G/F/ - 3/F Staircase ST-01									
AW-ALL-	ABWF-Door/Ironmongeries	7	14-Jun-18	23-Jun-18	15-Aug-18	23-Aug-18	0%	0%	-50
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade	13	25-Apr-18	11-May-18	26-Jun-18	12-Jul-18	0%	0%	-50
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	25	11-May-18	11-Jun-18	12-Jul-18	10-Aug-18	0%	0%	-50
AS-ALL-:	Access Date for ST-03	0	10-Apr-18		09-Jun-18		0%	0%	-60
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	13	10-Apr-18	25-Apr-18	09-Jun-18	26-Jun-18	0%	0%	-50
BS-ALL-:	MEP Final Fix	7	11-Jun-18	20-Jun-18	10-Aug-18	18-Aug-18	0%	0%	-50
Stair cores @ B-C/9-11 (Zone E)									
Staircase B2/F - G/F Staircase ST-14B									
AS-ALL-:	Access Date for ST-14B	0	25-Jun-18		23-Aug-18		0%	0%	-59
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	7	25-Jun-18	03-Jul-18	23-Aug-18	31-Aug-18	0%	0%	-50
Stair cores @ K-L/12-13 (Zone H) (Auditorium)									
Staircase B2/F - G/F Staircase ST-17B									
AS-ALL-:	Access Date for ST-17B	0	25-Jun-18		23-Aug-18		0%	0%	-59
BS-ALL-:	MEP 1st /2nd Fix, FS Riser / Containment	7	25-Jun-18	03-Jul-18	23-Aug-18	31-Aug-18	0%	0%	-50
M+ Basement & Podium Testing & Commissioning									
MEP System T&C									
Electrical									
M+ Podium									
EL-Sub-10	Non-deferred Zone Sub-circuit power on	54	30-May-18	03-Aug-18	27-Aug-18	22-Sep-18	0%	0%	-44
EL-CLP-10	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18		27-May-18	100%	0%	-64
EL-CLP-10	TX Room B CLP power on (M+ & CSF)	0		24-Mar-18		27-May-18	100%	0%	-64
EL-CLP-10	TX Room C CLP power on (DCS)	0		30-Apr-18		29-May-18	0%	0%	-29
EL-CLP-10	TX Room ICP CLP power on	0		08-Jan-18		28-Apr-18*	100%	0%	-110
HVAC									
BS-BaP-TC:	CHW pumping system Inc MCC self test (DCS)	13	11-May-18	26-May-18	12-Jul-18	27-Jul-18	0%	0%	-51
BS-BaP-TC:	CHW System primary circuit flushing	50	25-Jun-18	23-Aug-18	11-Oct-18	08-Dec-18	0%	0%	-90
BS-BaP-TC:	Sea Water Supply Available	0	09-May-18		24-Aug-18		0%	0%	-108
BS-BaP-TC:	T&C for Seawater Side	13	03-Feb-18	22-Feb-18	19-May-18	05-Jun-18	100%	0%	-82
Handover Inspection & Close Out (M+ Basement & Podium)									
M+ Basement & Podium									
BaP-DG	DG Inspection	0	08-Feb-18		29-Jun-18		100%	0%	-140
M+ Tower									
Critical Key Dates									
Critical Key Dates - M+ Tower Structure RC Works									
Critical Key Dates - M+ Tower Structure Works - West Core									
A12900	Complete West Core Wall - R/F Slab, Wall & Column (GL 7-8/	0		10-May-18		27-Jun-18	0%	0%	-39
A12910	Complete West Core Wall - UR/F Slab, Wall & Column (GL 7-	0		17-May-18		15-Aug-18	0%	0%	-74
M+ Tower RC Structrue Construction (4/F - 16/F & R/F - UR/F)									
Tower Structure - West Core Wall (Non-deferred Zone M) @ GL 7-8/A-D (M1)									
Tower Structure - West Core Wall @GL7-8/A-D (TC2 TIE TO WCW)									
A37570	10F-11F Wall, Column & 11F slab (GL 7-8/A-D)	12	24-Jan-18	06-Feb-18	20-Jan-18 A	10-Mar-18 A	100%	100%	-24
A37580	11F-12F Wall, Column & 12F slab (GL 7-8/A-D)	12	07-Feb-18	23-Feb-18	12-Mar-18 A	28-Mar-18 A	100%	100%	-27
A37590	12F-13F Wall, Column & 13F slab (GL 7-8/A-D)	12	24-Feb-18	09-Mar-18	29-Mar-18 A	19-Apr-18	100%	0%	-31
A37600	13F-14F Wall, Column & 14F slab (GL 7-8/A-D)	12	10-Mar-18	23-Mar-18	20-Apr-18	07-May-18	100%	0%	-33



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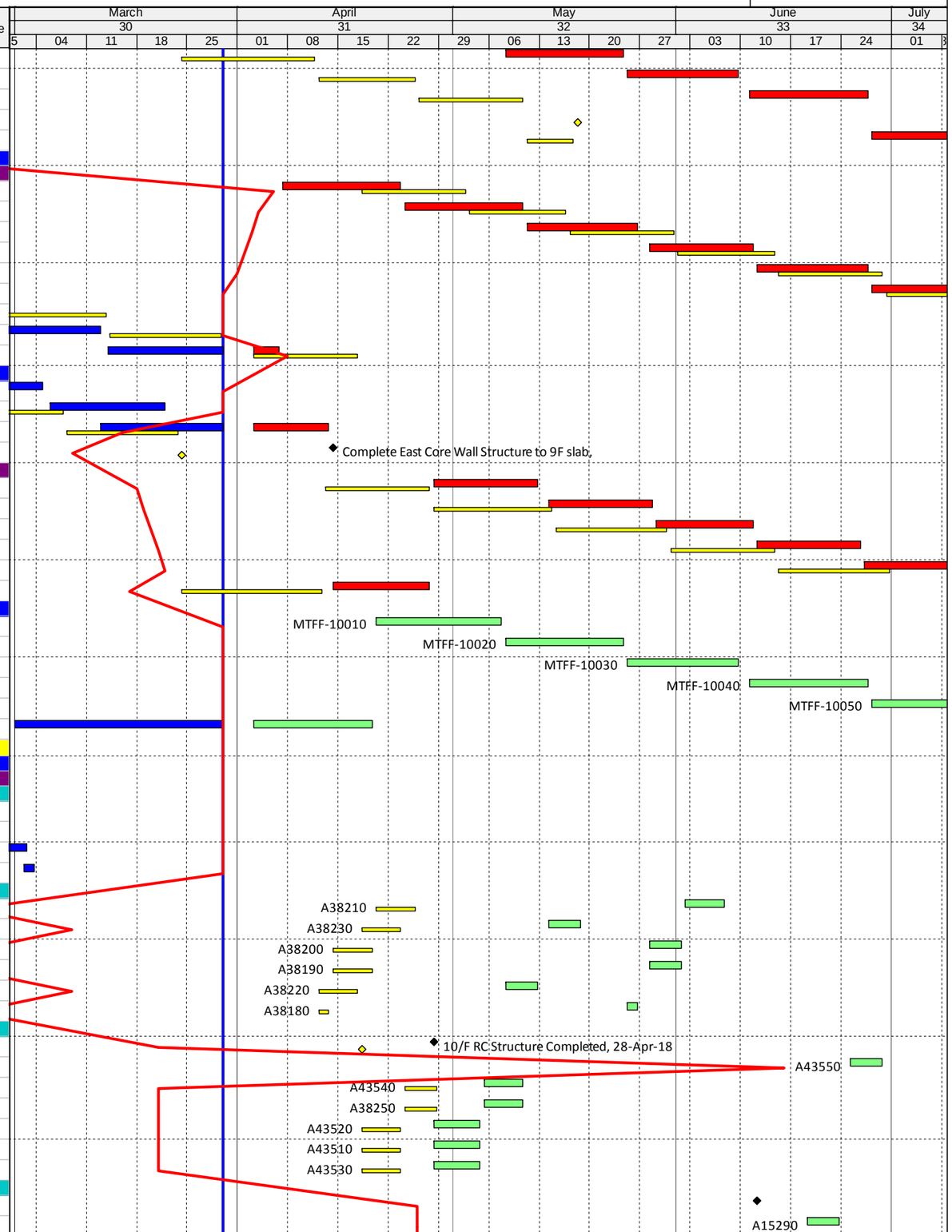
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A37610	14F-15F Wall, Column & 15F slab (GL 7-8/A-D)	12	24-Mar-18	11-Apr-18	08-May-18	24-May-18	41.67%	0%	-35
A37620	15F-16F Wall, Column & 16F slab (GL 7-8/A-D)	12	12-Apr-18	25-Apr-18	25-May-18	09-Jun-18	0%	0%	-37
A37630	16F-RF Wall, Column & RF slab (GL 7-8/A-D)	12	26-Apr-18	10-May-18	11-Jun-18	27-Jun-18	0%	0%	-39
A37650	Complete West Core Wall Structure to RF slab	0		18-May-18		16-Aug-18	0%	0%	-90
A37640	RF-URF Wall, Column & URF (GL 7-8/A-D)	6	11-May-18	17-May-18	28-Jun-18	15-Aug-18	0%	0%	-74
Tower Structure - Deferred Zone F @ GL 7-8/D-H (M2)									
Tower Structure - Deferred Zone F @ GL 7-8/D-H									
A37820	10F-11F Wall, Column & 11F slab (GL 7-8/D-H)	12	18-Apr-18	02-May-18	07-Apr-18	23-Apr-18	0%	0%	7
A37830	11F-12F Wall, Column & 12F slab (GL 7-8/D-H)	12	03-May-18	16-May-18	24-Apr-18	10-May-18	0%	0%	5
A37840	12F-13F Wall, Column & 13F slab (GL 7-8/D-H)	12	17-May-18	31-May-18	11-May-18	26-May-18	0%	0%	4
A37850	13F-14F Wall, Column & 14F slab (GL 7-8/D-H)	12	01-Jun-18	14-Jun-18	28-May-18	11-Jun-18	0%	0%	3
A37860	14F-15F Wall, Column & 15F slab (GL 7-8/D-H)	12	15-Jun-18	29-Jun-18	12-Jun-18	27-Jun-18	0%	0%	2
A37870	15F-16F Wall, Column & 16F slab (GL 7-8/D-H)	12	30-Jun-18	14-Jul-18	28-Jun-18	14-Jul-18	0%	0%	0
A37790	7F-8F Wall, Column & 8F slab (GL 7-8/D-H)	14	26-Feb-18	13-Mar-18	20-Jan-18 A	09-Feb-18 A	100%	100%	25
A37800	8F-9F Wall, Column & 9F slab (GL 7-8/D-H)	14	14-Mar-18	29-Mar-18	10-Feb-18 A	13-Mar-18 A	100%	100%	15
A37810	9F-10F Wall, Column & 10F slab (GL 7-8/D-H)	12	03-Apr-18	17-Apr-18	14-Mar-18 A	06-Apr-18	0%	78.57%	9
Tower Structure - Deferred Zone F & East Core Wall Zone N @GL 7-8/H-M (M3)									
A43020	6F-7F Wall, Column & 7F slab (GL 7-8/H-M)	14	31-Jan-18	15-Feb-18	29-Jan-18 A	05-Mar-18 A	100%	100%	-11
A43030	7F-8F Wall, Column & 8F slab (GL 7-8/H-M)	14	20-Feb-18	07-Mar-18	06-Mar-18 A	22-Mar-18 A	100%	100%	-12
A43040	8F-9F Wall, Column & 9F slab (GL 7-8/H-M)	14	08-Mar-18	23-Mar-18	13-Mar-18 A	13-Apr-18	100%	25%	-14
A43060	Complete East Core Wall Structure to 9F slab	0		24-Mar-18		14-Apr-18	100%	0%	-21
Tower Structure - Deferred Zone F & East Core Wall Zone N @GL7-8/H-M									
A37660	10F-11F Wall, Column & 11F slab (GL 7-8/H-M)	13	13-Apr-18	27-Apr-18	28-Apr-18	12-May-18	0%	0%	-12
A37670	11F-12F Wall, Column & 12F slab (GL 7-8/H-M)	13	28-Apr-18	14-May-18	14-May-18	28-May-18	0%	0%	-11
A37690	12F-13F Wall, Column & 13F slab (GL 7-8/H-M)	13	15-May-18	30-May-18	29-May-18	11-Jun-18	0%	0%	-10
A37700	13F-14F Wall, Column & 14F slab (GL 7-8/H-M)	13	31-May-18	14-Jun-18	12-Jun-18	26-Jun-18	0%	0%	-9
A37710	14F-15F Wall, Column & 15F slab (GL 7-8/H-M)	13	15-Jun-18	30-Jun-18	27-Jun-18	11-Jul-18	0%	0%	-8
A37655	9F-10F Wall, Column & 10F slab (GL 7-8/H-M)	13	24-Mar-18	12-Apr-18	14-Apr-18	27-Apr-18	38.46%	0%	-13
M+ Tower Temporary Works									
MTFF-10010	Fair Face Concrete Remedial Works - M+ Tower 1/F	0			20-Apr-18	07-May-18	0%	0%	
MTFF-10020	Fair Face Concrete Remedial Works - M+ Tower 2/F	0			08-May-18	24-May-18	0%	0%	
MTFF-10030	Fair Face Concrete Remedial Works - M+ Tower 3/F	0			25-May-18	09-Jun-18	0%	0%	
MTFF-10040	Fair Face Concrete Remedial Works - M+ Tower 4/F	0			11-Jun-18	27-Jun-18	0%	0%	
MTFF-10050	Fair Face Concrete Remedial Works - M+ Tower 5/F	0			28-Jun-18	14-Jul-18	0%	0%	
MTFF-10000	Fair Face Concrete Remedial Works - M+ Tower G/F	0			01-Mar-18 A	19-Apr-18	0%	0%	
M+ Tower External Envelope (By Permasteelisa)									
Tower Facade Advance Works									
Provision of Catchfan									
Provision of Catch fan @ 9/F for Block A									
A43490	Inspection, ICE & RPE certification for Catchfan @ 9th/F Blo	5	28-Nov-17	02-Dec-17	30-Jan-18 A	28-Feb-18 A	100%	100%	-68
A43270	Inspection, ICE & RPE certification for Working Platform @ B	5	28-Nov-17	02-Dec-17	01-Feb-18 A	28-Feb-18 A	100%	100%	-68
A47980	Install Working Platform @ 6th/F & 8th/F for South North E	5	22-Nov-17	27-Nov-17	26-Feb-18 A	02-Mar-18 A	100%	100%	-76
A43250	Remove Scaffolding @ 10/F Block A	2	20-Nov-17	21-Nov-17	02-Mar-18 A	03-Mar-18 A	100%	100%	-82
Provision of Catch fan @ 13/F for Block A									
A38210	Inspection, ICE & RPE certification for Catchfan @15/F Block	5	20-Apr-18	25-Apr-18	02-Jun-18	07-Jun-18	0%	0%	-35
A38230	Inspection, ICE & RPE certification for Working Platform @ B	5	18-Apr-18	23-Apr-18	14-May-18	18-May-18	0%	0%	-21
A38200	Install Catch fan @ 13/F North Elevation Block A	5	14-Apr-18	19-Apr-18	28-May-18	01-Jun-18	0%	0%	-35
A38190	Install Catch fan @ 13/F South Elevation Block A	5	14-Apr-18	19-Apr-18	28-May-18	01-Jun-18	0%	0%	-35
A38220	Install Working Platform @ 12th/F & 14th/F for South North	5	12-Apr-18	17-Apr-18	08-May-18	12-May-18	0%	0%	-21
A38180	Remove Scaffolding @ 14/F Block A	2	12-Apr-18	13-Apr-18	25-May-18	26-May-18	0%	0%	-35
Provision of Catch fan @ 9/F for Block B									
A43500	10/F RC Structure Completed	0	18-Apr-18		28-Apr-18		0%	0%	-9
A43550	Dismantle Catchfan at 11th/F Block B	5	26-Sep-18	03-Oct-18	25-Jun-18	29-Jun-18	0%	0%	78
A43540	Inspection, ICE & RPE certification for Catchfan @11/F Block	5	24-Apr-18	28-Apr-18	05-May-18	10-May-18	0%	0%	-9
A38250	Inspection, ICE & RPE certification for Working Platform @ B	5	24-Apr-18	28-Apr-18	05-May-18	10-May-18	0%	0%	-9
A43520	Install Catch fan @ 9th/F slab North Elevation Block B	5	18-Apr-18	23-Apr-18	28-Apr-18	04-May-18	0%	0%	-9
A43510	Install Catch fan @ 9th/F slab South Elevation Block B	5	18-Apr-18	23-Apr-18	28-Apr-18	04-May-18	0%	0%	-9
A43530	Install Working Platform @ 6th/F & 8th/F for South North E	5	18-Apr-18	23-Apr-18	28-Apr-18	04-May-18	0%	0%	-9
Provision of Catch fan @ 13/F for Block B									
A15270	14/F RC Structure Completed	0	16-Jul-18		12-Jun-18		0%	0%	27
A15290	Inspection, ICE & RPE certification for Catchfan @13/F Block	5	21-Jul-18	26-Jul-18	19-Jun-18	23-Jun-18	0%	0%	27



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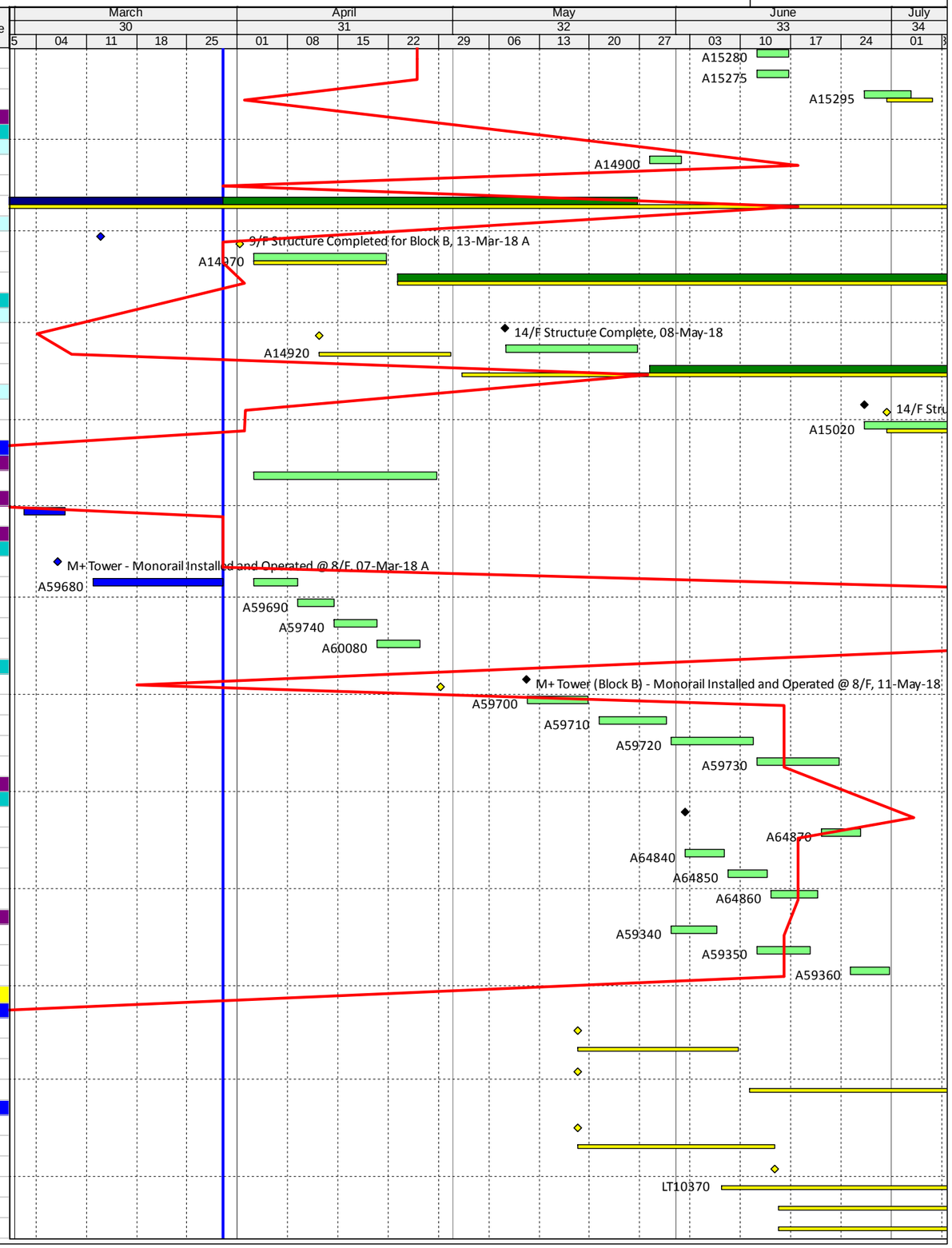
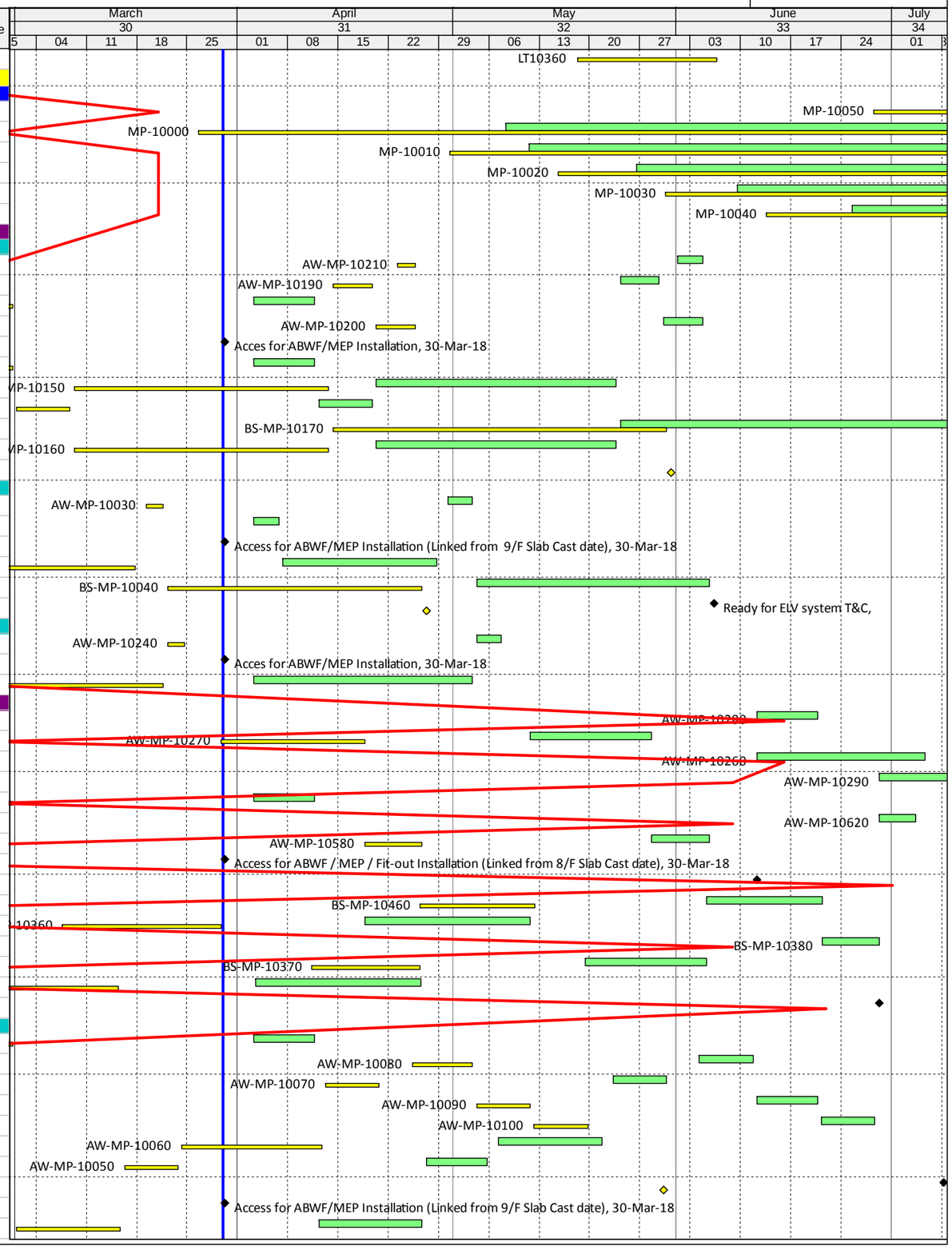
A15280	Install Catch fan @ 13/F North Elevation Block B	5	16-Jul-18	20-Jul-18	12-Jun-18	16-Jun-18	0%	0%	27
A15275	Install Catch fan @ 13/F South Elevation Block B	5	16-Jul-18	20-Jul-18	12-Jun-18	16-Jun-18	0%	0%	27
A15295	Install Working Platform@10th & 12th for South/North Elev	5	30-Jun-18	06-Jul-18	27-Jun-18	03-Jul-18	0%	0%	3
Provision of Monorails, Catch fan & Working Platform									
Provision of Monorail @ 8/F									
Monorail-Block A (8/F)									
A14900	Dismantle Monorails at 8/F @ Block A	5	31-Aug-18	06-Sep-18	28-May-18	01-Jun-18	0%	0%	80
A14880	Install/ICE Inspect monorails at 8/F slab @ Block A	16	20-Nov-17	07-Dec-17	02-Jan-18 A	28-Feb-18 A	100%	100%	-64
A14890	Monorail Operation Period@ 8F, Block A	214	08-Dec-17	31-Aug-18	28-Feb-18 A	26-May-18	42.03%	47.58%	80
Monorail-Block B (8/F)									
A14960	9/F Structure Completed for Block B	0	01-Apr-18		13-Mar-18 A		0%	100%	19
A14970	Install/ICE Inspect monorails at 8/F slab @ Block B	16	03-Apr-18	21-Apr-18	03-Apr-18	21-Apr-18	0%	0%	0
A14990	Monorail Operation Period @ 8/F, Block B	77	23-Apr-18	25-Jul-18	23-Apr-18	21-Jul-18	0%	0%	3
Provision of Monorails @ 12/F									
Monorail-Block A (12/F)									
A14910	14/F Structure Complete	0	12-Apr-18		08-May-18		0%	0%	-26
A14920	Install/ICE Inspect monorails at 12/F slab @ Block A	16	12-Apr-18	30-Apr-18	08-May-18	26-May-18	0%	0%	-21
A14930	Monorail Operation Period@12/F Block A	160	02-May-18	10-Nov-18	28-May-18	30-Aug-18	0%	0%	59
Monorail-Block B (12/F)									
A15010	14/F Structure Completed	0	30-Jun-18		27-Jun-18		0%	0%	3
A15020	Install/ICE Inspect monorails at 12/F slab @ Block B	16	30-Jun-18	19-Jul-18	27-Jun-18	16-Jul-18	0%	0%	3
Facade Installation by TC6-2, TC2, TC7-2 & Monorail									
Preparartion Works									
A59820	Survey, Setup & Bracket Installation for 1st Installation - Stai	22	16-Nov-17	11-Dec-17	03-Apr-18	28-Apr-18	100%	0%	-109
Initial Installation in Block A by Moblie Crane									
A64830	PISA Mobilsation	7	04-Nov-17	11-Nov-17	02-Mar-18 A	08-Mar-18 A	100%	100%	-93
Monorail @8/F - North & South Elevation 4/F to 6/F (Weathertight Zone)									
Block A									
A59670	M+ Tower - Monorail Installed and Operated @ 8/F	0	08-Dec-17		07-Mar-18 A		100%	100%	-89
A59680	M+ Tower 4/F Lower - External Facade 2nd Fix- Remaining	5	08-Aug-18	14-Aug-18	12-Mar-18 A	09-Apr-18	0%	14%	105
A59690	M+ Tower 4/F Upper - External Facade 2nd Fix- Remaining	5	14-Aug-18	20-Aug-18	09-Apr-18	14-Apr-18	0%	0%	105
A59740	M+ Tower 5/F - External Facade 2nd Fix -Remaining	5	20-Aug-18	25-Aug-18	14-Apr-18	20-Apr-18	0%	0%	105
A60080	M+ Tower 6/F - External Facade 2nd Fix -Remaining	5	25-Aug-18	31-Aug-18	20-Apr-18	26-Apr-18	0%	0%	105
Block B									
A59695	M+ Tower (Block B) - Monorail Installed and Operated @ 8/I	0	29-Apr-18		11-May-18		0%	0%	-12
A59700	M+ Tower (Block B) 4/F Lower - External Facade 2nd Fix	8	14-Aug-18	23-Aug-18	11-May-18	19-May-18	0%	0%	78
A59710	M+ Tower (Block B) 4/F Upper - External Facade 2nd Fix	8	23-Aug-18	01-Sep-18	21-May-18	30-May-18	0%	0%	78
A59720	M+ Tower 5/F - External Facade 2nd Fix	10	01-Sep-18	13-Sep-18	31-May-18	11-Jun-18	0%	0%	78
A59730	M+ Tower 6/F - External Facade 2nd Fix	10	13-Sep-18	26-Sep-18	12-Jun-18	23-Jun-18	0%	0%	78
Monorail @12/F - North & South Elevation 7/F to 10/F (Weathertight Zone)									
Block A									
A64890	M+ Tower - Monorail Installed and Operated @ 12/F	0	06-Sep-18		02-Jun-18		0%	0%	96
A64870	M+ Tower 10/F - External Facade 2nd Fix	5	24-Sep-18	02-Oct-18	21-Jun-18	26-Jun-18	0%	0%	80
A64840	M+ Tower 7/F - External Facade 2nd Fix	5	06-Sep-18	12-Sep-18	02-Jun-18	07-Jun-18	0%	0%	80
A64850	M+ Tower 8/F - External Facade 2nd Fix	5	12-Sep-18	18-Sep-18	08-Jun-18	13-Jun-18	0%	0%	80
A64860	M+ Tower 9/F - External Facade 2nd Fix	5	18-Sep-18	24-Sep-18	14-Jun-18	20-Jun-18	0%	0%	80
Final Fix - North & South Elevation									
A59340	M+ Tower 4/F - External Facade Final Fix	6	01-Sep-18	08-Sep-18	31-May-18	06-Jun-18	0%	0%	78
A59350	M+ Tower 5/F - External Facade Final Fix	6	13-Sep-18	20-Sep-18	12-Jun-18	19-Jun-18	0%	0%	78
A59360	M+ Tower 6/F - External Facade Final Fix	6	26-Sep-18	04-Oct-18	25-Jun-18	30-Jun-18	0%	0%	78
M+ Tower Lift Installation									
Service Lifts (LT01 & 02)									
LT10000	Available of lift pit at B2F, LT01 & LT02	0	18-May-18		16-Aug-18		0%	0%	-90
LT10020	Builders' Work & Lift M/C Room Installation @ R/F (LT01 & C	19	18-May-18	09-Jun-18	16-Aug-18	06-Sep-18	0%	0%	-74
LT10010	Commence Lift LT01 & LT02 M/C Room Installation @ Roof	0	18-May-18		16-Aug-18		0%	0%	-90
LT10030	Lift Car Installation (LT01 & 02)	54	11-Jun-18	14-Aug-18	07-Sep-18	12-Nov-18	0%	0%	-74
Public Lifts (LT05, LT06, LT07 & LT08, 4nos, pit in B2F)									
LT10250	Available of lift Shaft LT05, LT06, LT07 & LT08 (w/ Tower A w	0	18-May-18		16-Aug-18		0%	0%	-90
LT10255	Builders' Work for Lift Shaft & M/C Room	23	18-May-18	14-Jun-18	16-Aug-18	11-Sep-18	0%	0%	-74
LT10260	Commence LT05, LT06 & LT07 Lift M/C Room Installation	0		14-Jun-18		12-Sep-18	0%	0%	-89
LT10370	Lift car Installation (LT08)	54	07-Jun-18	10-Aug-18	04-Sep-18	08-Nov-18	0%	0%	-74
LT10320	Lift M/C Room Installation @ 4F/5F/6F (LT07)	23	15-Jun-18	13-Jul-18	12-Sep-18	10-Oct-18	0%	0%	-74
LT10280	Lift M/C Room Installation @ R/F (LT05 & LT06)	23	15-Jun-18	13-Jul-18	12-Sep-18	10-Oct-18	0%	0%	-74



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

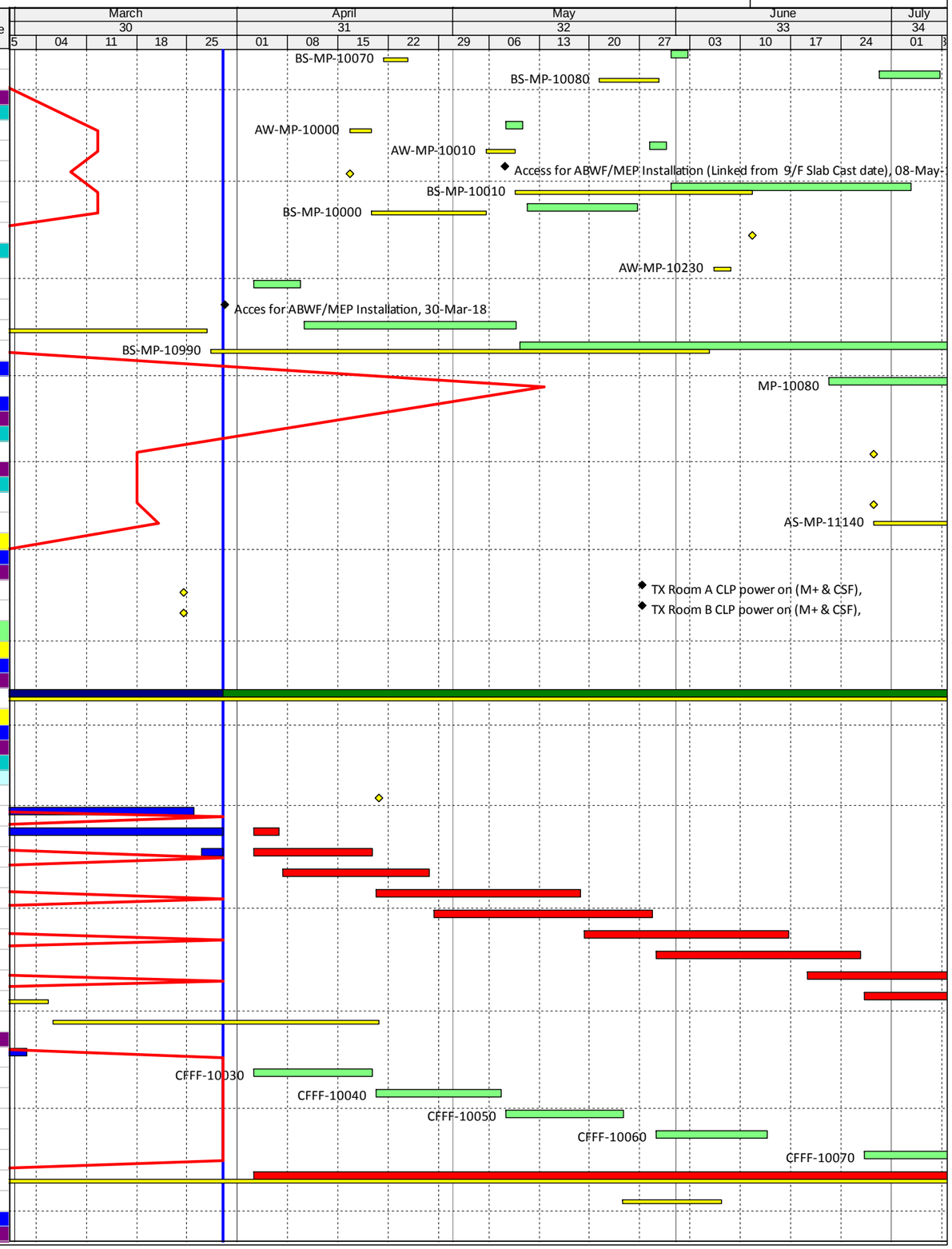
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
LT10360	Lift Shaft Builders' Work (LT08)	16	18-May-18	06-Jun-18	16-Aug-18	03-Sep-18	0%	0%	-74
M+ Tower ABWF & Building Services (4/F - 16/F & R/F - UR/F)									
4/F - 10/F									
MP-10050	10/F - ABWF / MEP Insatallation (Similar working procedure	125	28-Jun-18	26-Nov-18	10-Jul-18	06-Dec-18	0%	0%	-9
MP-10000	4/F - ABWF / MEP Insatallation (Similar working procedures	125	26-Mar-18	28-Aug-18	08-May-18	05-Oct-18	2.67%	0%	-31
MP-10010	6/F - ABWF / MEP Insatallation (Similar working procedures	125	30-Apr-18	28-Sep-18	11-May-18	10-Oct-18	0%	0%	-9
MP-10020	7/F - ABWF / MEP Insatallation (Similar working procedures	125	15-May-18	13-Oct-18	26-May-18	25-Oct-18	0%	0%	-9
MP-10030	8/F - ABWF / MEP Insatallation (Similar working procedures	125	30-May-18	29-Oct-18	09-Jun-18	08-Nov-18	0%	0%	-9
MP-10040	9/F - ABWF / MEP Insatallation (Similar working procedures	125	13-Jun-18	12-Nov-18	25-Jun-18	22-Nov-18	0%	0%	-9
5/F- GL K-M (BOH / Plant Rooms)									
PAU /AHU Room (5-1-805M) GL 7-8/K-L									
AW-MP-1	ABWF - Door & ironmongeries installation	3	23-Apr-18	25-Apr-18	01-Jun-18	04-Jun-18	0%	0%	-32
AW-MP-1	ABWF - Final coat of paint on wall	5	14-Apr-18	19-Apr-18	24-May-18	29-May-18	0%	0%	-32
AW-MP-1	ABWF - Pliinth / Floor Screeding	7	21-Feb-18	28-Feb-18	03-Apr-18	11-Apr-18	100%	0%	-32
AW-MP-1	ABWF - Sealer on floor	5	20-Apr-18	25-Apr-18	30-May-18	04-Jun-18	0%	0%	-32
AS-MP-1C	Acces for ABWF/MEP Installation	0	21-Feb-18		30-Mar-18		100%	0%	-37
AW-MP-1	BW - Sealer on ceiling soffit & application of epoxy paint on \	7	21-Feb-18	28-Feb-18	03-Apr-18	11-Apr-18	100%	0%	-32
BS-MP-10	MEP - 1st & 2nd Fix / Air Duct / Containment / Pipes	27	09-Mar-18	13-Apr-18	20-Apr-18	23-May-18	66.67%	0%	-32
BS-MP-10	MEP - AC Equipment position	7	01-Mar-18	08-Mar-18	12-Apr-18	19-Apr-18	100%	0%	-32
BS-MP-10	MEP - Final Fix (F.S. Sprinkler / Equipment Connection)	38	14-Apr-18	30-May-18	24-May-18	09-Jul-18	0%	0%	-32
BS-MP-10	MEP - Install AHU system/Air Duct/Pipe/Containment	27	09-Mar-18	13-Apr-18	20-Apr-18	23-May-18	66.67%	0%	-32
AS-MP-1C	Ready for F.S. T&C	0		31-May-18		10-Jul-18	0%	0%	-40
ELV Room (5-1-900M) GL 7-8/L									
AW-MP-1	ABWF - Door / Ironmongaries	3	19-Mar-18	21-Mar-18	30-Apr-18	03-May-18	100%	0%	-32
AW-MP-1	ABWF - Sealer paint	3	21-Feb-18	23-Feb-18	03-Apr-18	06-Apr-18	100%	0%	-32
AS-MP-1C	Access for ABWF/MEP Installation (Linked from 9/F Slab Ca	0	21-Feb-18		30-Mar-18		100%	0%	-37
BS-MP-10	MEP - 1st / 2nd / Final Fix	19	24-Feb-18	17-Mar-18	07-Apr-18	28-Apr-18	100%	0%	-32
BS-MP-10	MEP - ELV- Equipment Ract / Cabling / Connection	27	22-Mar-18	26-Apr-18	04-May-18	05-Jun-18	25.93%	0%	-32
AS-MP-1C	Ready for ELV system T&C	0		27-Apr-18		06-Jun-18	0%	0%	-40
MEP (EL)Room (5-1-803M) @ GL 7-8/L									
AW-MP-1	ABWF - Door / Ironmongaries	3	22-Mar-18	24-Mar-18	04-May-18	07-May-18	100%	0%	-32
AS-MP-1C	Acces for ABWF/MEP Installation	0	21-Feb-18		30-Mar-18		100%	0%	-37
BS-MP-11	MEP - 1st & 2nd & Final Fix	25	21-Feb-18	21-Mar-18	03-Apr-18	03-May-18	100%	0%	-32
5/F - GL B-K (FOH Area includ lift lobby @ GL B & L)									
AW-MP-1C	ABWF - Ceiling Close Up	7	13-Sep-18	21-Sep-18	12-Jun-18	20-Jun-18	0%	0%	78
AW-MP-1C	ABWF - Ceiling Frame	13	29-Mar-18	18-Apr-18	11-May-18	28-May-18	0.85%	0%	-32
AW-MP-1C	ABWF - Close Dry Wall	19	13-Sep-18	08-Oct-18	12-Jun-18	05-Jul-18	0%	0%	78
AW-MP-1C	ABWF - Door frame& panels & ironmongeries installation	7	21-Sep-18	02-Oct-18	29-Jun-18	09-Jul-18	0%	0%	71
AW-MP-1C	ABWF - Dry Wall stud	7	21-Feb-18	28-Feb-18	03-Apr-18	11-Apr-18	100%	0%	-32
AW-MP-1C	ABWF - Raised floor - Panel	3	21-Sep-18	26-Sep-18	29-Jun-18	04-Jul-18	0%	0%	71
AW-MP-1C	ABWF - Raised floor - setting out / install padestal / grid	7	18-Apr-18	26-Apr-18	28-May-18	05-Jun-18	0%	0%	-32
AS-MP-1C	Access for ABWF / MEP / Fit-out Installation (Linked from 8/	0	21-Feb-18		30-Mar-18		100%	0%	-37
AW-MP-1C	Facde Completion and watertight	0		13-Sep-18		12-Jun-18	0%	0%	93
BS-MP-10	MEP (Under Rasied Floor) - Containment/wiring	13	26-Apr-18	12-May-18	05-Jun-18	21-Jun-18	0%	0%	-32
BS-MP-10	MEP - 2nd fix include cabling and wiring	19	07-Mar-18	29-Mar-18	18-Apr-18	11-May-18	100%	0%	-32
BS-MP-10	MEP - Final Fix	7	13-Sep-18	21-Sep-18	21-Jun-18	29-Jun-18	0%	0%	71
BS-MP-10	MEP Dropper - FS dropper / Electrical Flexible / wiring	13	11-Apr-18	26-Apr-18	19-May-18	05-Jun-18	0%	0%	-32
BS-MP-10	MEP Installation H/L 1st Fix	19	21-Feb-18	15-Mar-18	03-Apr-18	26-Apr-18	100%	0%	-32
AS-MP-1C	Ready for T&C (FS)	0		21-Sep-18		29-Jun-18	0%	0%	84
Toilet GL 7-8/E									
AW-MP-1	ABWF - Block Wall	7	21-Feb-18	28-Feb-18	03-Apr-18	11-Apr-18	100%	0%	-32
AW-MP-1	ABWF - Ceiling Close up / Ceiling Finish	7	25-Apr-18	03-May-18	04-Jun-18	11-Jun-18	0%	0%	-32
AW-MP-1	ABWF - Ceiling Grid/Ceilng Panel with Service Openings	7	13-Apr-18	20-Apr-18	23-May-18	30-May-18	0%	0%	-32
AW-MP-1	ABWF - Cublic Partition	7	04-May-18	11-May-18	12-Jun-18	20-Jun-18	0%	0%	-32
AW-MP-1	ABWF - Final Fix-Sanitaryware / Sink / Door	7	12-May-18	19-May-18	21-Jun-18	28-Jun-18	0%	0%	-32
AW-MP-1	ABWF - Floor screeding / Wall Plastering/ Tiling	13	24-Mar-18	12-Apr-18	07-May-18	21-May-18	38.46%	0%	-32
AW-MP-1	ABWF - Waterproofing/Water Test	7	16-Mar-18	23-Mar-18	27-Apr-18	05-May-18	100%	0%	-32
AW-MP-1	ABWF / MEP Installation Completed	0		30-May-18		08-Jul-18	0%	0%	-39
AS-MP-1C	Access for ABWF/MEP Installation (Linked from 9/F Slab Cas	0	21-Feb-18		30-Mar-18		100%	0%	-37
BS-MP-10	MEP - Low Level P&D Pipework, H/L 1st/2nd Fix	13	01-Mar-18	15-Mar-18	12-Apr-18	26-Apr-18	100%	0%	-32



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

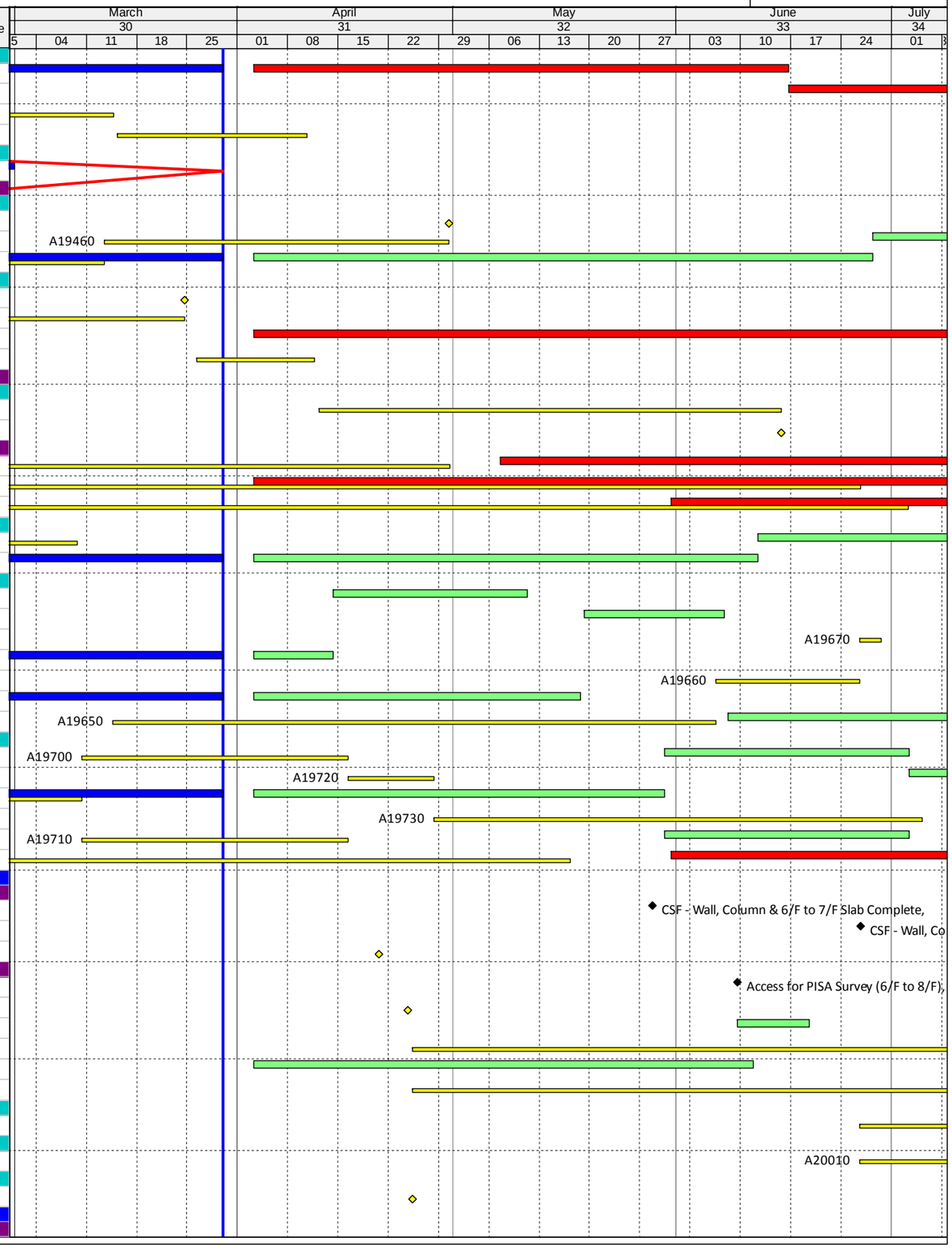
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
BS-MP-10	MEP Dropper	3	21-Apr-18	24-Apr-18	31-May-18	02-Jun-18	0%	0%	-32
BS-MP-10	MEP Final Fix	7	21-May-18	29-May-18	29-Jun-18	07-Jul-18	0%	0%	-32
5/F - GL A-B (BOH / Plant Rooms)									
ELV Room (5-1-901M) GL 7-8/A-B									
AW-MP-1	ABWF Sealer paint	3	16-Apr-18	19-Apr-18	08-May-18	10-May-18	0%	0%	-17
AW-MP-1	ABWF-Door / Ironmongaries	3	05-May-18	09-May-18	28-May-18	30-May-18	0%	0%	-17
AS-MP-1C	Access for ABWF/MEP Installation (Linked from 9/F Slab Ca	0	16-Apr-18		08-May-18		0%	0%	-21
BS-MP-10	MEP - ELV- Equipment Ract / Connection	27	09-May-18	11-Jun-18	31-May-18	03-Jul-18	0%	0%	-17
BS-MP-10	MEP 1st / 2nd/final Fix	13	19-Apr-18	05-May-18	11-May-18	26-May-18	0%	0%	-17
AS-MP-1C	Ready for ELV system T&C	0		11-Jun-18		19-Jul-18	0%	0%	-37
MEP (EL) Room (5-1-806M) & (5-1-800M) @ GL 7-8/A-B									
AW-MP-1	ABWF - Door / Ironmonargies	3	06-Jun-18	08-Jun-18	16-Jul-18	18-Jul-18	0%	0%	-32
AW-MP-1	ABWF-Ceiling/Walll Sealer	5	21-Feb-18	26-Feb-18	03-Apr-18	09-Apr-18	100%	0%	-32
AS-MP-1C	Acces for ABWF/MEP Installation	0	21-Feb-18		30-Mar-18		100%	0%	-37
BS-MP-10	MEP - 1st Fix	25	27-Feb-18	27-Mar-18	10-Apr-18	09-May-18	100%	0%	-32
BS-MP-10	MEP - 2nd & Final Fix	54	28-Mar-18	05-Jun-18	10-May-18	14-Jul-18	3.7%	0%	-32
11F-16F									
MP-10080	13/F - ABWF / MEP Insatallation (Similar working procedure	72	14-Aug-18	09-Nov-18	22-Jun-18	14-Sep-18	0%	0%	45
All Level									
Riser (GL B for ELV & MEP Room)									
4/F - 10/F									
AS-MP-1C	Access for MEP Installation (Linked from 14/F Slab Cast dat	0	28-Jun-18		10-Jul-18		0%	0%	-12
MEP Riser (GL L-M)									
4/F - 10/F									
AS-MP-1C	Access for MEP Installation (Linked from 14/F Slab Cast dat	0	28-Jun-18		10-Jul-18		0%	0%	-12
AS-MP-11	BW - Temporary waterproofing & protection barroer installa	13	28-Jun-18	14-Jul-18	10-Jul-18	25-Jul-18	0%	0%	-9
M+ Tower Testing & Comissioning (4/F - 16/F & R/F - UR/F)									
MEP System T&C									
Electrical									
EL-CLP-101	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18		27-May-18	100%	0%	-64
EL-CLP-101	TX Room B CLP power on (M+ & CSF)	0		24-Mar-18		27-May-18	100%	0%	-64
CSF Tower									
Tower Crane Provision									
Provision of TC4 (CSF, Entrance Portal & AEL North Podium Construction)									
TC4 Erection									
A64650	TC4 Operational Period	255	20-Oct-17	30-Aug-18	15-Apr-17 A	24-Jan-19	51.46%	0%	-120
CSF Tower RC Structure Construction (G/F - 8/F & R/F)									
CSF Super-Structure RC Works									
CSF Building									
CSF Structure @ Portion - T (G/F to 8/F)									
Grid Line B' to F' / 4' to 6'									
A50810	Complete CSF Structure (IPSMS B7: 31 July 2017 rev to Jun	0		20-Apr-18		24-Sep-18	0%	0%	-130
A65420	CSF - 4/F to 5/F Construction - Zone A	0			19-Jan-18 A	26-Mar-18 A	0%	100%	
A50760	CSF - 4/F to 5/F Construction - Zone B	14	07-Dec-17	22-Dec-17	20-Jan-18 A	06-Apr-18	100%	83.33%	-80
A65430	CSF - 5/F to 6/F Construction - Zone A	0			27-Mar-18 A	19-Apr-18	0%	22.22%	
A50770	CSF - 5/F to 6/F Construction - Zone B	14	23-Dec-17	11-Jan-18	07-Apr-18	27-Apr-18	100%	0%	-84
A65440	CSF - 6/F to 7/F Construction - Zone A	0			20-Apr-18	18-May-18	0%	0%	
A50780	CSF - 6/F to 7/F Construction - Zone B	14	12-Jan-18	27-Jan-18	28-Apr-18	28-May-18	100%	0%	-94
A65450	CSF - 7/F to 8/F Construction - Zone A	0			19-May-18	16-Jun-18	0%	0%	
A50790	CSF - 7/F to 8/F Construction - Zone B	14	29-Jan-18	13-Feb-18	29-May-18	26-Jun-18	100%	0%	-104
A65460	CSF - 8/F to +61.13/62.0 Construction - Zone A	0			19-Jun-18	17-Jul-18	0%	0%	
A50795	CSF - 8/F to +61.13/62.0 Construction - Zone B	14	14-Feb-18	05-Mar-18	27-Jun-18	25-Jul-18	100%	0%	-114
A50800	CSF - 8/F to R/F Construction - Zone B	36	06-Mar-18	20-Apr-18	26-Jul-18	24-Sep-18	58.33%	0%	-130
CSF Building Temporary Works									
CFFF-10020	Fair Face Concrete Remedial Works - CSF 1/F	0			12-Feb-18 A	02-Mar-18 A	0%	100%	
CFFF-10030	Fair Face Concrete Remedial Works - CSF 2/F	0			03-Apr-18	19-Apr-18	0%	0%	
CFFF-10040	Fair Face Concrete Remedial Works - CSF 3/F	0			20-Apr-18	07-May-18	0%	0%	
CFFF-10050	Fair Face Concrete Remedial Works - CSF 4/F	0			08-May-18	24-May-18	0%	0%	
CFFF-10060	Fair Face Concrete Remedial Works - CSF 5/F	0			29-May-18	13-Jun-18	0%	0%	
CFFF-10070	Fair Face Concrete Remedial Works - CSF 6/F	0			27-Jun-18	13-Jul-18	0%	0%	
CF10940	Material Hoist Operation period	197	16-Dec-17	18-Aug-18	03-Apr-18	27-Nov-18	42.13%	0%	-83
CF10930	Scaffolding Removal	12	24-May-18	07-Jun-18	29-Oct-18	12-Nov-18	0%	0%	-130
CSF Building FACADE Preliminaries									
ENGINEERING & APPROVAL - CSF									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

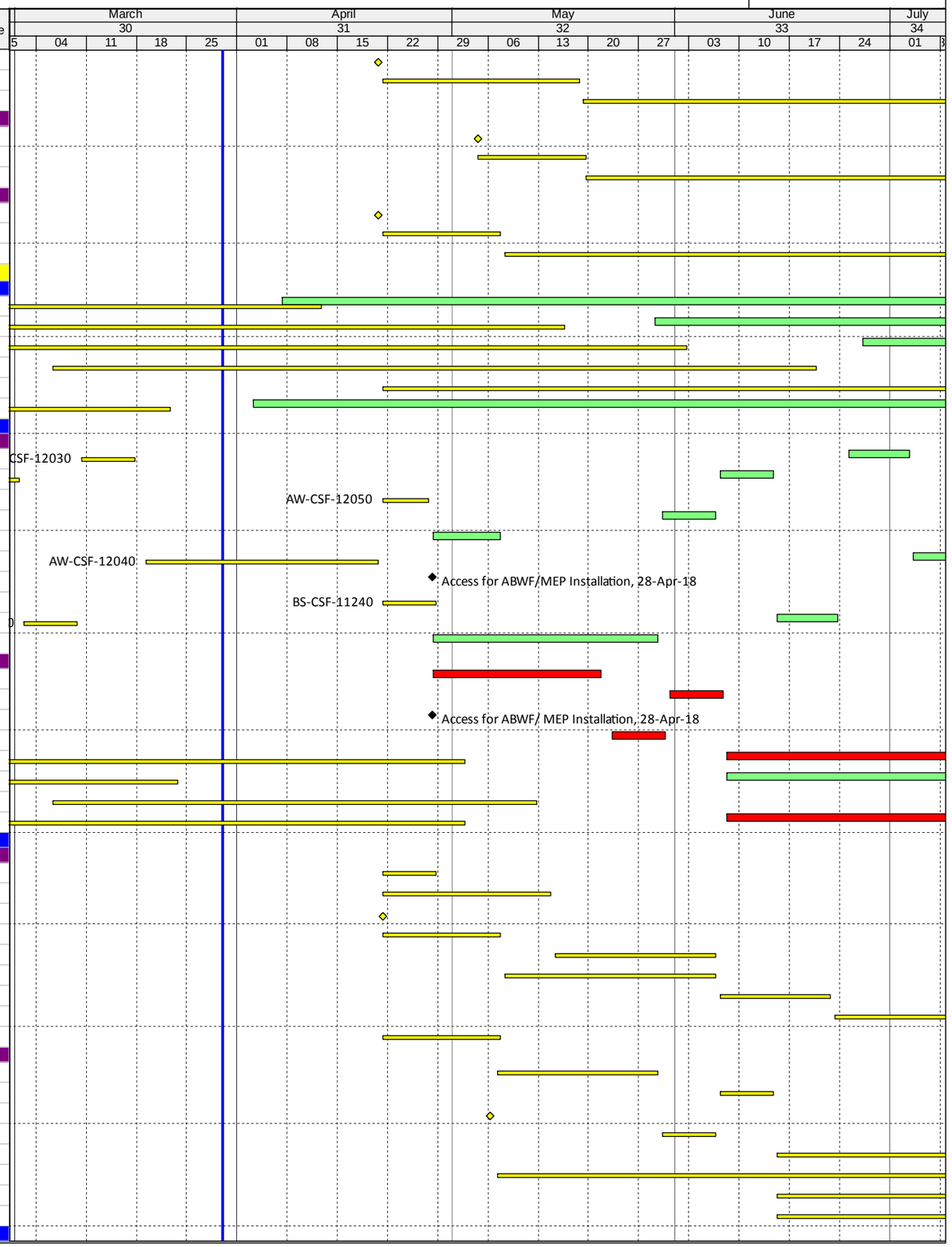
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
SHOPDRAWING - Facade Doors Package #11 - CSF Doors - Total No. = 2									
A19290	1st Shopdrawing Submission	86	20-Oct-17	01-Feb-18	02-Jan-18 A	16-Jun-18	100%	28%	-107
A19300	1st Shopdrawing Submission - Review & Approval	19	02-Feb-18	27-Feb-18	16-Jun-18	11-Jul-18	100%	0%	-107
A19310	2nd Shopdrawing Submission	13	28-Feb-18	14-Mar-18	11-Jul-18	26-Jul-18	100%	0%	-107
A19320	2nd Shopdrawing Submission - Review & Approval	19	15-Mar-18	10-Apr-18	26-Jul-18	17-Aug-18	68.42%	0%	-107
SHOPDRAWING - CSF Roof Louvre Wall									
A19360	3rd Shopdrawing Submission & Comment	16	20-Oct-17	08-Nov-17	02-Dec-17 A	01-Mar-18 A	100%	100%	-90
PERFORMANCE TEST - SHOPDRAWING SUBMISSION, FABRICATION, INSTALLATION & TEST									
PERFORMANCE TEST & MOCK UP - CSF									
A19470	Handover CSF Roof Louvre Wall Working Areas, Provide Acc	0		30-Apr-18		11-Aug-18	0%	0%	-85
A19460	Installation Performance Mock up	37	13-Mar-18	30-Apr-18	28-Jun-18	11-Aug-18	39.34%	0%	-85
A19450	Ordering & Production of Material	95	15-Nov-17	13-Mar-18	31-Mar-17 A	28-Jun-18	100%	26%	-85
PMU SHOPDRAWING SUBMISSION & TEST - CSF Building									
A19540	Perf MU - Commence Testing of CSF Facade	0		24-Mar-18		03-Sep-18	100%	0%	-131
A19530	Perf MU - CSF Facade Installation	38	06-Feb-18	24-Mar-18	21-Jul-18	03-Sep-18	100%	0%	-131
A19520	Perf MU - CSF Facade Ordering & Production	89	20-Oct-17	05-Feb-18	03-Apr-18	20-Jul-18	100%	0%	-131
A19550	Perf MU - Testing & Report Submission of CSF Facade	11	26-Mar-18	11-Apr-18	04-Sep-18	15-Sep-18	36.36%	0%	-131
PRODUCTION MOCK UP & INSPECTION									
Prod MU - CSF Facade Panel									
A55480	CSF Facade Panel Prod MU	54	12-Apr-18	15-Jun-18	17-Sep-18	21-Nov-18	0%	0%	-131
A55490	Inspection (Prod MU) - CSF Facade Panel	0	15-Jun-18		22-Nov-18		0%	0%	-159
Fabrication & Delivery of CSF Facade System									
A19570	Glass Production and Fabrication	113	07-Dec-17	30-Apr-18	07-May-18	19-Sep-18	80.04%	0%	-118
A19560	Glass Wall Production and Fabrication	187	06-Nov-17	26-Jun-18	03-Apr-18	15-Nov-18	63.1%	0%	-118
A19580	Roof Louvre Wall Production & Fabrication	144	03-Jan-18	03-Jul-18	31-May-18	21-Nov-18	49.23%	0%	-118
Glass Production & Fabrication									
A19600	Fabrication of Insulated Glass Panel	54	03-Jan-18	09-Mar-18	12-Jun-18	16-Aug-18	100%	0%	-128
A19590	Ordering of Coated Glass	60	20-Oct-17	02-Jan-18	06-Jul-17 A	12-Jun-18	100%	5%	-128
Glass Wall Production & Fabrication									
A19620	Aluminium Extrusion Production	22	17-Nov-17	12-Dec-17	14-Apr-18	11-May-18	100%	0%	-117
A19640	Application of PVF2 Coating	16	24-Jan-18	12-Feb-18	19-May-18	07-Jun-18	100%	0%	-90
A19670	Delivery Glazed Panel to Site	3	26-Jun-18	29-Jun-18	14-Sep-18	17-Sep-18	0%	0%	-67
A19610	Die Making	10	06-Nov-17	16-Nov-17	03-Mar-17 A	14-Apr-18	100%	80%	-117
A19660	Fabrication & Assemble of Glazed Units	16	06-Jun-18	26-Jun-18	27-Aug-18	13-Sep-18	0%	0%	-67
A19630	PVF2 Paint Ordering	38	07-Dec-17	24-Jan-18	04-Oct-17 A	18-May-18	100%	16.18%	-90
A19650	Steel Frame Fabrication - Roof Louvre	66	14-Mar-18	06-Jun-18	08-Jun-18	25-Aug-18	20.2%	0%	-67
Roof Louvre Wall Production & Fabrication									
A19700	Aluminium Extrusion Production	27	10-Mar-18	16-Apr-18	30-May-18	03-Jul-18	62.55%	0%	-63
A19720	Application of PVF2 Coating	11	16-Apr-18	28-Apr-18	03-Jul-18	16-Jul-18	0%	0%	-63
A19690	Die Making	54	03-Jan-18	10-Mar-18	02-Jan-18 A	30-May-18	100%	14%	-63
A19730	Fabrication & Assemble of Louvre Units	54	28-Apr-18	05-Jul-18	16-Jul-18	17-Sep-18	0%	0%	-63
A19710	PVF2 Paint Ordering	27	10-Mar-18	16-Apr-18	30-May-18	03-Jul-18	62.55%	0%	-63
A19680	Steel Frame Fabrication - Roof Louvre	107	03-Jan-18	17-May-18	31-May-18	08-Oct-18	66.25%	0%	-118
CSF External Envelope									
CSF Structure Milestones									
A19830	CSF - Wall, Column & 6/F to 7/F Slab Complete	0		27-Jan-18		28-May-18	100%	0%	-94
A19840	CSF - Wall, Column & 7/F to 8/F Slab Complete	0		13-Feb-18		26-Jun-18	100%	0%	-104
A19850	CSF - Wall, Column & R/F Slab Complete	0		20-Apr-18		25-Sep-18	0%	0%	-157
FACADE INSTALLATION - by Permasteelisa									
A19860	Access for PISA Survey (6/F to 8/F)	0		09-Feb-18		09-Jun-18	100%	0%	-94
A20020	Handover of Working Area (7/F to R/F)	0		24-Apr-18		04-Oct-18	0%	0%	-133
A19961	PISA-Embed Survery/Report/Remedial/Bracket Installation	7	09-Feb-18	21-Feb-18	09-Jun-18	19-Jun-18	100%	0%	-94
A64790	PISA-Embed Survery/Report/Remedial/Bracket Installation	69	25-Apr-18	18-Jul-18	04-Oct-18	03-Dec-18	0%	0%	-114
A19951	PISA-Embed Survery/Report/Remedial/Bracket Installation	57	21-Nov-17	30-Jan-18	03-Apr-18	11-Jun-18	100%	0%	-104
A20220	PISA-Embed Survery/Report/Remedial/Bracket Installation	65	25-Apr-18	14-Jul-18	06-Oct-18	05-Dec-18	0%	0%	-120
Glazed Glass Curtain Wall - North Elevation 6/F to 8/F									
A19920	6/F to 7/F (GL E'- B') - Install Glazed Glass Curtain Wall (FAC-	13	26-Jun-18	12-Jul-18	22-Nov-18	06-Dec-18	0%	0%	-123
Glazed Glass Curtain Wall - South Elevation									
A20010	G/F to 1/F (GL C'- F') - Install Glazed Glass Curtain Wall (FAC-	13	26-Jun-18	12-Jul-18	14-Sep-18	29-Sep-18	0%	0%	-67
MEP Vertical Louvre Screen Wall - South Elevation (East to West)									
A20140	Access for PiSA Survey (R/F, GL 4'-5' / B'-F')	0		25-Apr-18		06-Oct-18	0%	0%	-135
CSF Building Lift Installation									
Platform Lifts (LT30, LT31 & LT32) @ Zone T									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

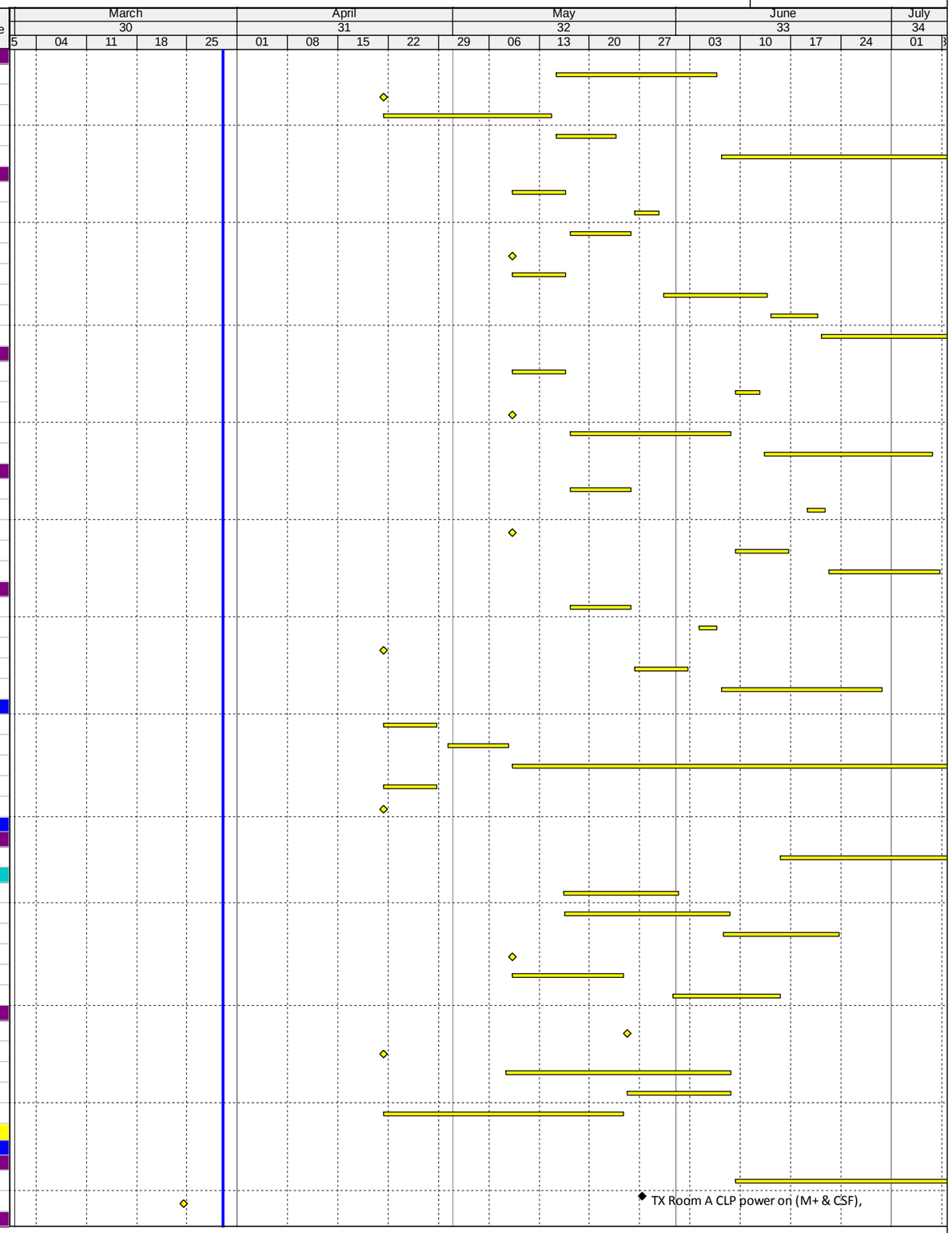
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
LT10880	Available of lift Shaft LT30, LT31 & LT32	0	20-Apr-18		25-Sep-18		0%	0%	-157
LT10890	Builders' Work for LT30, LT31 & LT32 Lift Shaft	23	21-Apr-18	18-May-18	26-Sep-18	24-Oct-18	0%	0%	-130
LT10900	Lifts Car Installation (LT30, LT31 & LT32)	54	19-May-18	24-Jul-18	25-Oct-18	28-Dec-18	0%	0%	-130
CSF Fireman & Disable Lifts (LT51) @ Zone T									
LT10930	Available of Lift Shaft LT51	0	04-May-18		09-Oct-18		0%	0%	-158
LT10940	Builders' Work for LT51 Lift Shaft	13	04-May-18	19-May-18	09-Oct-18	25-Oct-18	0%	0%	-130
LT10950	LT51-Lift Installation & T&C	67	19-May-18	09-Aug-18	25-Oct-18	15-Jan-19	0%	0%	-130
CSF Lifts (LT52) @ Zone T									
LT11030	Available of lift Shaft LT52 (after AHU Transported G/F to 7/I	0	20-Apr-18		25-Sep-18		0%	0%	-157
LT11040	Builders' Work for LT52 Lift Shaft & M/C Room	13	21-Apr-18	07-May-18	26-Sep-18	11-Oct-18	0%	0%	-130
LT11045	LT52-Lift Installation & T&C	67	08-May-18	27-Jul-18	12-Oct-18	02-Jan-19	0%	0%	-130
CSF Tower ABWF & Building Services (G/F - 8/F & R/F)									
CSF Tower GF-1F, 3-6F									
CSF-10350	1/F BOH /FOH ABWF/MEP Installation	85	23-Dec-17	12-Apr-18	07-Apr-18	19-Jul-18	90.59%	0%	-80
CSF-10310	3/F BOH /FOH ABWF/MEP Installation	85	29-Jan-18	16-May-18	29-May-18	06-Sep-18	57.65%	0%	-94
CSF-10320	4/F BOH /FOH ABWF/MEP Installation	85	14-Feb-18	02-Jun-18	27-Jun-18	06-Oct-18	41.18%	0%	-104
CSF-10330	5/F BOH /FOH ABWF/MEP Installation	85	06-Mar-18	20-Jun-18	26-Jul-18	05-Nov-18	24.71%	0%	-114
CSF-10340	6/F BOH /FOH ABWF/MEP Installation	85	21-Apr-18	02-Aug-18	26-Sep-18	08-Jan-19	0%	0%	-130
CSF-10370	G/F BOH /FOH ABWF/MEP Installation	85	07-Dec-17	22-Mar-18	03-Apr-18	16-Jul-18	100%	0%	-91
2/F									
2/F, GL B'-F' (FOH Area)									
AW-CSF-12	ABWF-Ceiling Close-up	7	10-Mar-18	17-Mar-18	25-Jun-18	03-Jul-18	100%	0%	-84
AW-CSF-12	ABWF-Ceiling Frame	7	22-Feb-18	01-Mar-18	07-Jun-18	14-Jun-18	100%	0%	-84
AW-CSF-12	ABWF-Door/Ironmogaries	6	21-Apr-18	27-Apr-18	02-Aug-18	08-Aug-18	0%	0%	-84
AW-CSF-12	ABWF-Dry Wall Close-up/	7	10-Feb-18	21-Feb-18	30-May-18	06-Jun-18	100%	0%	-84
AW-CSF-11	ABWF-Dry Wall Stud	7	12-Jan-18	19-Jan-18	28-Apr-18	07-May-18	100%	0%	-84
AW-CSF-12	ABWF-Wall/Ceiling/Floor Final Finishing	25	19-Mar-18	20-Apr-18	04-Jul-18	01-Aug-18	40%	0%	-84
AS-CSF-10	Access for ABWF/MEP Installation	0	12-Jan-18		28-Apr-18		100%	0%	-106
BS-CSF-11	MEP Final Fix	7	21-Apr-18	28-Apr-18	02-Aug-18	09-Aug-18	0%	0%	-84
BS-CSF-11	MEP- MEP Dropper	7	02-Mar-18	09-Mar-18	15-Jun-18	23-Jun-18	100%	0%	-84
BS-CSF-11	MEP-1st/2nd Fix-Duct/Containment/ Pipe/FCU	25	12-Jan-18	09-Feb-18	28-Apr-18	29-May-18	100%	0%	-84
2/F- GL B-C (BOH/Plant Room Area)									
AW-CSF-12	ABWF - Block Wall / Rendering / Floor Screeding	19	12-Jan-18	02-Feb-18	28-Apr-18	21-May-18	100%	0%	-84
AW-CSF-12	ABWF- Wall / Ceiling 1st Coat	7	12-Feb-18	22-Feb-18	31-May-18	07-Jun-18	100%	0%	-84
AS-CSF-10	Access for ABWF/ MEP Installation	0	12-Jan-18		28-Apr-18		100%	0%	-106
AW-CSF-12	BW - Equipment Plinth	7	03-Feb-18	10-Feb-18	23-May-18	30-May-18	100%	0%	-84
BS-CSF-11	MEP - AHU Room Installation-1st / 2nd / Final Fix Installatio	54	23-Feb-18	02-May-18	08-Jun-18	11-Aug-18	55.56%	0%	-84
BS-CSF-11	MEP - ICT Room Installation - 1st / 2nd / Final Fix Installaion	25	23-Feb-18	23-Mar-18	08-Jun-18	09-Jul-18	100%	0%	-84
AS-CSF-10	MEP - Riser Installation (Linked from 8/F Access Date)	54	06-Mar-18	12-May-18	26-Jul-18	27-Sep-18	38.89%	0%	-114
BS-CSF-11	MEP/ ELV-ELV Room Installation-1st / 2nd / Final Fix Installa	54	23-Feb-18	02-May-18	08-Jun-18	11-Aug-18	55.56%	0%	-84
7/F									
7/F, GL B'-F' (FOH Area)									
AW-CSF-12	ABWF - Dry Wall Stud	7	21-Apr-18	28-Apr-18	26-Sep-18	04-Oct-18	0%	0%	-130
AW-CSF-12	ABWF - Metal Ceiling Panel frame installation	19	21-Apr-18	14-May-18	26-Sep-18	19-Oct-18	0%	0%	-130
AS-CSF-10	Access for ABWF / MEP Installation	0	21-Apr-18		25-Sep-18		0%	0%	-157
AW-CSF-12	Common Scaffold Erection @ 7/F Painting Studio	13	21-Apr-18	07-May-18	26-Sep-18	11-Oct-18	0%	0%	-130
BS-CSF-11	MEP - 1st / 2nd fix (HL) / Containment / A/C duct / FS Pipe	19	15-May-18	06-Jun-18	20-Oct-18	10-Nov-18	0%	0%	-130
BS-CSF-11	MEP - 1st / 2nd Fix-Duct / Containment / Pipe / FCU	25	08-May-18	06-Jun-18	12-Oct-18	10-Nov-18	0%	0%	-130
BS-CSF-11	MEP - Dropper / FS dropper	13	07-Jun-18	22-Jun-18	12-Nov-18	26-Nov-18	0%	0%	-130
BS-CSF-11	MEP - Final fix (HL) / Wiring / Lighting installation	13	23-Jun-18	09-Jul-18	27-Nov-18	11-Dec-18	0%	0%	-130
AW-CSF-12	PISA - Glass Curtain Wall Installation (Along GL 4')	13	21-Apr-18	07-May-18	26-Sep-18	11-Oct-18	0%	0%	-130
7/F- GL B-C (BOH/Plant Room Area)									
AW-CSF-12	ABWF - Block Wall/Rendering/Floor Screeding	19	07-May-18	29-May-18	09-Oct-18	01-Nov-18	0%	0%	-129
AW-CSF-12	ABWF- Wall/Ceiling 1st Coat	7	07-Jun-18	14-Jun-18	09-Nov-18	17-Nov-18	0%	0%	-129
AS-CSF-10	Access for ABWF/MEP Installation	0	06-May-18		09-Oct-18		0%	0%	-157
AW-CSF-12	BW - Equipment Plinth	7	30-May-18	06-Jun-18	01-Nov-18	09-Nov-18	0%	0%	-129
BS-CSF-11	MEP - ICT Room Installation-1st/2nd/Final Fix Installaion	25	15-Jun-18	16-Jul-18	17-Nov-18	17-Dec-18	0%	0%	-129
AS-CSF-10	MEP- Riser Installation (Linked from 8/F Access Date)	54	07-May-18	11-Jul-18	09-Oct-18	12-Dec-18	0%	0%	-129
BS-CSF-11	MEP-AHU Room Installation-1st/2nd/Final Fix Installation	54	15-Jun-18	18-Aug-18	17-Nov-18	23-Jan-19	0%	0%	-129
BS-CSF-11	MEP/ ELV-ELV Room Installation-1st/2nd/Final Fix Installatic	54	15-Jun-18	18-Aug-18	17-Nov-18	23-Jan-19	0%	0%	-129
8/F									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

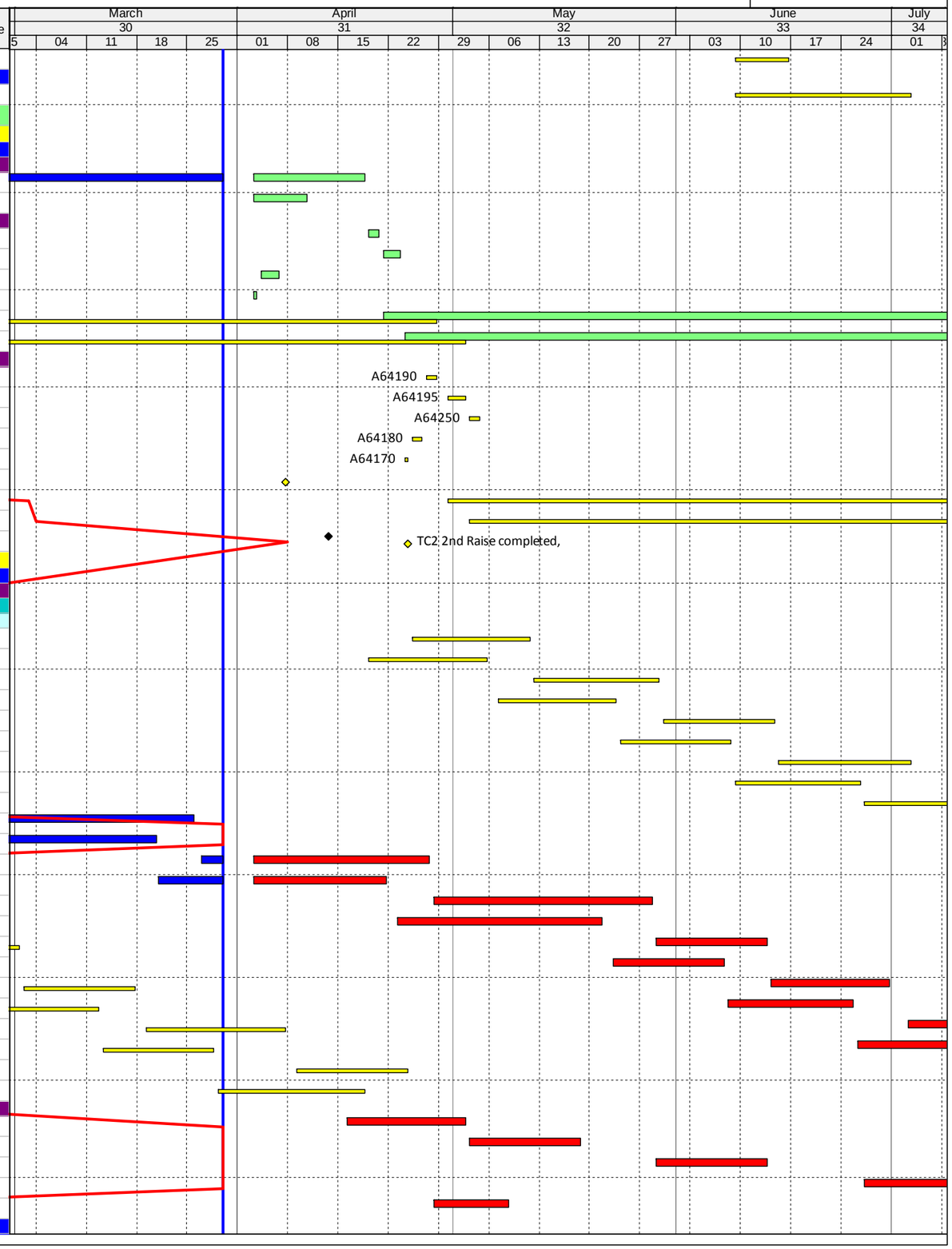
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
8F Chiller Plant Room									
AW-CSF-12	ABWF-Roof Insulation/screeding/Floor Finishing	19	15-May-18	06-Jun-18	20-Oct-18	10-Nov-18	0%	0%	-130
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	21-Apr-18		25-Sep-18		0%	0%	-157
AW-CSF-12	BW- Water Proofing/Test/Floating Slab/ Plinth	19	21-Apr-18	14-May-18	26-Sep-18	19-Oct-18	0%	0%	-130
BS-CSF-11	MEP- Position Chiller/Heat Pump/ Water Pumps Equipment	7	15-May-18	23-May-18	20-Oct-18	27-Oct-18	0%	0%	-130
BS-CSF-11	MEP-Chiller/Heat pump/Pipework Installation/Connection	50	07-Jun-18	06-Aug-18	12-Nov-18	11-Jan-19	0%	0%	-130
8F-PAU Room									
AW-CSF-12	ABWF-Block Wall Erection	7	09-May-18	16-May-18	11-Oct-18	20-Oct-18	0%	0%	-128
AW-CSF-12	ABWF-Wall/Ceiling Sealer	3	26-May-18	29-May-18	29-Oct-18	01-Nov-18	0%	0%	-128
AW-CSF-12	ABWF-Water Proofing/Test/Screeding	7	17-May-18	25-May-18	20-Oct-18	29-Oct-18	0%	0%	-128
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	09-May-18		11-Oct-18		0%	0%	-155
AW-CSF-12	BW- Equipment Plinth Construction/Water Proofing/Test/Sc	7	09-May-18	16-May-18	11-Oct-18	20-Oct-18	0%	0%	-128
BS-CSF-11	MEP- 1st/2nd Fix	13	30-May-18	13-Jun-18	01-Nov-18	16-Nov-18	0%	0%	-128
BS-CSF-11	MEP- AHU/PAU on site	5	14-Jun-18	20-Jun-18	16-Nov-18	22-Nov-18	0%	0%	-128
BS-CSF-11	MEP- Install AHU/PAU connection	25	21-Jun-18	20-Jul-18	22-Nov-18	21-Dec-18	0%	0%	-128
8F Chilled Water Pumps Room									
AW-CSF-12	ABWF-Block Wall Erection	7	09-May-18	16-May-18	11-Oct-18	20-Oct-18	0%	0%	-128
AW-CSF-12	ABWF-Wall/Ceiling Sealer	3	09-Jun-18	12-Jun-18	12-Nov-18	15-Nov-18	0%	0%	-128
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	09-May-18		11-Oct-18		0%	0%	-155
AW-CSF-12	BW- Floating Slab/Plinth Construction/Water Proofing/Test/	19	17-May-18	08-Jun-18	20-Oct-18	12-Nov-18	0%	0%	-128
BS-CSF-11	MEP- 1st/2nd Fix- including Main CHW Header	19	13-Jun-18	06-Jul-18	15-Nov-18	07-Dec-18	0%	0%	-128
8F- Chiller/Heat Pump Control Room									
AW-CSF-12	ABWF-Block Wall Erection	7	17-May-18	25-May-18	20-Oct-18	29-Oct-18	0%	0%	-128
AW-CSF-12	ABWF-Wall/Ceiling Sealer	3	19-Jun-18	21-Jun-18	20-Nov-18	23-Nov-18	0%	0%	-128
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	09-May-18		11-Oct-18		0%	0%	-155
AW-CSF-12	BW- Equipment Plinth Construction/Water Proofing/Test/Sc	7	09-Jun-18	16-Jun-18	12-Nov-18	20-Nov-18	0%	0%	-128
BS-CSF-11	MEP-1s/2nd Fix	13	22-Jun-18	07-Jul-18	23-Nov-18	08-Dec-18	0%	0%	-128
8F- Water Tank and Pumps Room									
AW-CSF-12	ABWF-Block Wall Erection	7	17-May-18	25-May-18	20-Oct-18	29-Oct-18	0%	0%	-128
AW-CSF-12	ABWF-Wall/Ceiling Sealer	3	04-Jun-18	06-Jun-18	01-Nov-18	05-Nov-18	0%	0%	-124
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	21-Apr-18		25-Sep-18		0%	0%	-157
AW-CSF-12	BW- Equipment Plinth Construction/Water Proofing/Test/Sc	7	26-May-18	02-Jun-18	24-Oct-18	01-Nov-18	0%	0%	-124
BS-CSF-11	MEP- 1st/2nd Fix/Final Fix	19	07-Jun-18	29-Jun-18	02-Nov-18	16-Nov-18	0%	0%	-115
Roof									
AW-CSF-12	ABWF-Cast-in Bolt for Fall Arrested System	7	21-Apr-18	28-Apr-18	26-Sep-18	04-Oct-18	0%	0%	-130
AW-CSF-12	ABWF-Waterproof	7	30-Apr-18	08-May-18	05-Oct-18	12-Oct-18	0%	0%	-130
AW-CSF-12	RL- Install Pre-cast RC Panel	54	09-May-18	13-Jul-18	13-Oct-18	15-Dec-18	0%	0%	-130
AW-CSF-12	RL-Cast-in Bolt for Pre-cast RC Panel	7	21-Apr-18	28-Apr-18	26-Sep-18	04-Oct-18	0%	0%	-130
RC-CSF-100	Roof Structure Completed	0		21-Apr-18		25-Sep-18	0%	0%	-157
All Level									
Stricase (ST 52 & ST-51) (GL 6'/B' & 4'/F')									
CSF-10360	ST-51 @ GL 3'-4'/H' (Similar Procedures as ST-52)	38	15-Jun-18	01-Aug-18	19-Nov-18	05-Jan-19	0%	0%	-128
ST52 (GL 6'/B')									
AW-CSF-1	ABWF - Metal Work- Hand rail, balustrade	13	16-May-18	01-Jun-18	19-Oct-18	03-Nov-18	0%	0%	-128
AW-CSF-1	ABWF - Wet Trade, Floor / Wall / Ceiling	19	16-May-18	08-Jun-18	19-Oct-18	10-Nov-18	0%	0%	-128
AW-CSF-1	ABWF-Door/Ironmongeries	13	07-Jun-18	23-Jun-18	10-Nov-18	26-Nov-18	0%	0%	-128
AS-CSF-10	Access Date for ST-52 (Linked from 8/F Slab Cast)	0	09-May-18		11-Oct-18		0%	0%	-155
BS-CSF-11	MEP 1st /2nd Fix, FS Riser / Containment	13	09-May-18	24-May-18	11-Oct-18	27-Oct-18	0%	0%	-128
BS-CSF-11	MEP Final Fix	13	31-May-18	15-Jun-18	03-Nov-18	19-Nov-18	0%	0%	-128
Risers (GL4'/ C' & 4'/F')									
AS-CSF-10	Access for MEP & ELV Installation (Linked from G/F to 8/F M	0	25-May-18		27-Oct-18		0%	0%	-155
AS-CSF-10	Access for MEP Installation (Linked from R/F Slab Cast date	0	21-Apr-18		25-Sep-18		0%	0%	-157
BS-CSF-10	MEP & ELV Cablings	27	08-May-18	08-Jun-18	12-Oct-18	10-Nov-18	0%	0%	-128
BS-CSF-10	MEP & ELV Containment	13	25-May-18	08-Jun-18	27-Oct-18	10-Nov-18	0%	0%	-128
BS-CSF-10	MEP Riser Installation-1st/2nd Fix Installation	27	21-Apr-18	24-May-18	26-Sep-18	26-Oct-18	0%	0%	-128
CSF Tower Testing & Comissioning (G/F - 8/F & R/F)									
MEP System T&C									
Electrical									
EL-Sub-100	CSF Tower Sub-circuit Power On	54	09-Jun-18	13-Aug-18	12-Nov-18	16-Jan-19	0%	0%	-128
EL-CLP-101	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18		27-May-18	100%	0%	-64
HVAC									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

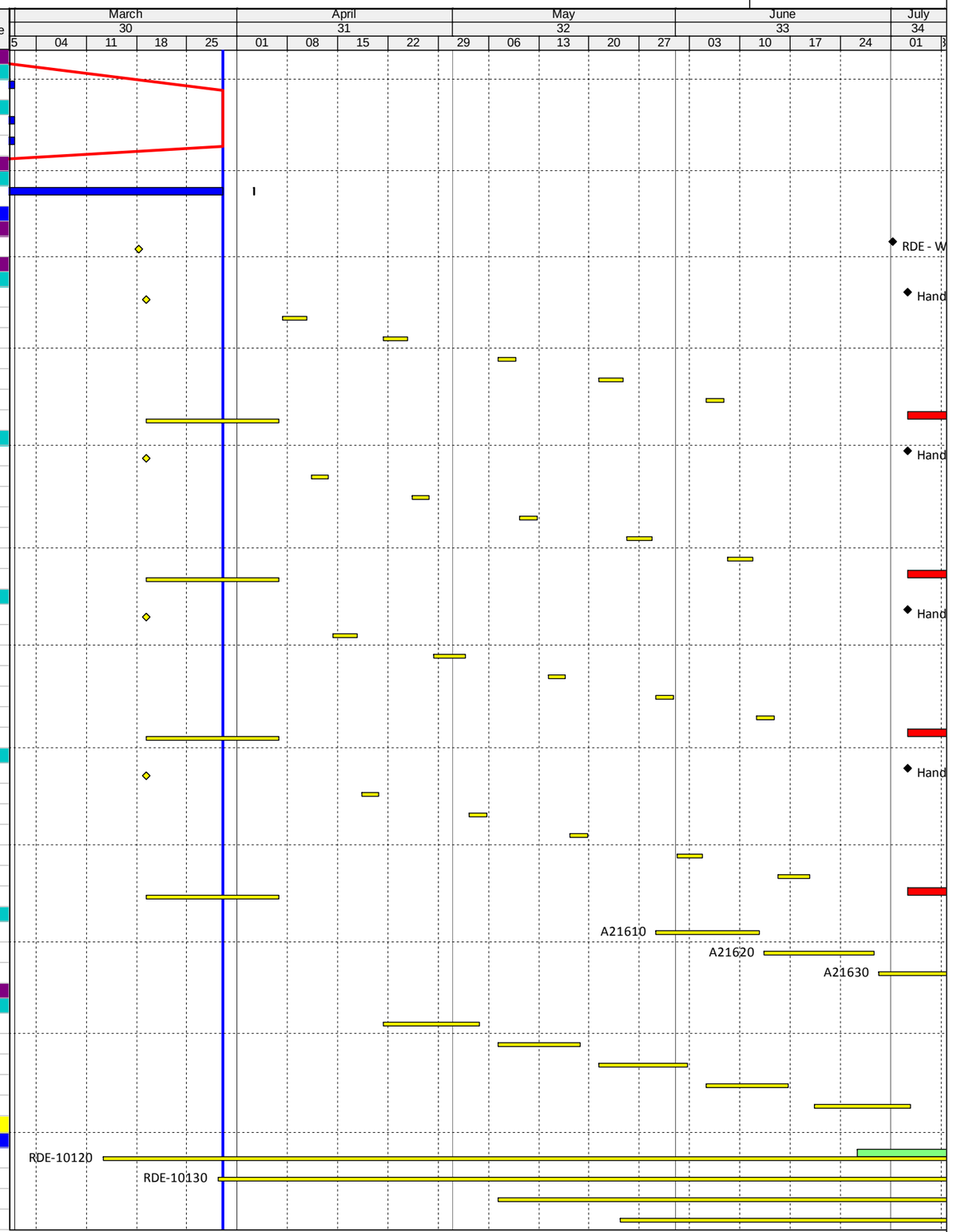
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
BS-CSF-TC:	CHW pumping system self test (SS with defreed zone sub-ci	7	09-Jun-18	16-Jun-18	12-Nov-18	19-Nov-18	0%	0%	-128
FS Inspection Related T&C									
BS-CSF-TC3	Wet Fire System	19	09-Jun-18	03-Jul-18	12-Nov-18	03-Dec-18	0%	0%	-128
RDE Tower									
Tower Crane Provision									
Provision of TC1-A & TC1-B (RDE & CSF Construction)									
TC1-A & TC1-B Erection									
A64670	TC1-A 1st Operational Period	55	31-Oct-17	05-Jan-18	17-Nov-17 A	18-Apr-18	100%	0%	-81
A64660	TC1-B 1st Operational Period	61	25-Oct-17	08-Jan-18	03-Apr-18	10-Apr-18	100%	0%	-72
TC1-A & TC1-B 1st Jack									
A64140	1st Raise & Jack up of TC1-A to 65.1mPD	2	06-Jan-18	08-Jan-18	19-Apr-18	20-Apr-18	100%	0%	-81
A64150	1st Raise & Jack up of TC1-B to 55.1mPD	2	09-Jan-18	10-Jan-18	21-Apr-18	23-Apr-18	100%	0%	-81
A64130	Inspection and ICE & RPE Certification for TC1-A Ties	2	04-Jan-18	05-Jan-18	04-Apr-18	06-Apr-18	100%	0%	-71
A64120	Install & Connect Tie-in between TC1-A & RDE 2/F slab	1	03-Jan-18	03-Jan-18	03-Apr-18	03-Apr-18	100%	0%	-71
A64690	TC1-A 2nd Operational Period	88	09-Jan-18	28-Apr-18	21-Apr-18	31-Aug-18	75%	0%	-103
A64680	TC1-B 2nd Operational Period	88	11-Jan-18	02-May-18	24-Apr-18	03-Sep-18	72.73%	0%	-103
TC1-A & TC1-B 2nd Jack									
A64190	2nd Raise & Jack up of TC1-A to 107mPD	2	27-Apr-18	28-Apr-18	30-Aug-18	31-Aug-18	0%	0%	-103
A64195	2nd Raise & Jack up of TC1-B to 97mPD	2	30-Apr-18	02-May-18	01-Sep-18	03-Sep-18	0%	0%	-103
A64250	Inspection and ICE & RPE Certification for TC1-A & TC1-B	2	03-May-18	04-May-18	04-Sep-18	05-Sep-18	0%	0%	-103
A64180	Inspection and ICE & RPE Certification for TC1-A & TC1-B Ti	2	25-Apr-18	26-Apr-18	20-Jul-18	21-Jul-18	0%	0%	-70
A64170	Install & Connect Tie-in between TC1-A & TC1-B & RDE 8/F s	1	24-Apr-18	24-Apr-18	19-Jul-18	19-Jul-18	0%	0%	-70
A64160	RDE 8/F Slab Portion B Completed	0		07-Apr-18		18-Jul-18	0%	0%	-83
A64710	TC1-A 1st Operational Period	191	30-Apr-18	15-Dec-18	01-Sep-18	19-Jan-19	0%	0%	-27
A64700	TC1-B 1st Operational Period	189	03-May-18	15-Dec-18	04-Sep-18	18-Jan-19	0%	0%	-26
A64155	TC2 2nd Raise completed	0		24-Apr-18		13-Apr-18	0%	0%	9
RDE Tower RC Structure Construction (GF - 15M/F & UR/F)									
RDE Super-Structure RC Works									
RDE Building									
RDE Structure @ Portion - U (G/F to 15M/F)									
Block A Grid Line G' to J' / 1' to 6'									
A50940	RDE - Walls, Columns & 10/F Slab - Zone A	14	25-Apr-18	11-May-18	04-Aug-18	20-Aug-18	0%	0%	-83
A50945	RDE - Walls, Columns & 10/F Slab - Zone B	14	19-Apr-18	05-May-18	30-Jul-18	14-Aug-18	0%	0%	-83
A50950	RDE - Walls, Columns & 11/F Slab - Zone A	14	12-May-18	29-May-18	21-Aug-18	05-Sep-18	0%	0%	-83
A50955	RDE - Walls, Columns & 11/F Slab - Zone B	14	07-May-18	23-May-18	15-Aug-18	30-Aug-18	0%	0%	-83
A50960	RDE - Walls, Columns & 12/F Slab - Zone A	14	30-May-18	14-Jun-18	06-Sep-18	21-Sep-18	0%	0%	-83
A50965	RDE - Walls, Columns & 12/F Slab - Zone B	14	24-May-18	08-Jun-18	31-Aug-18	15-Sep-18	0%	0%	-83
A50970	RDE - Walls, Columns & 13/F Slab - Zone A	14	15-Jun-18	03-Jul-18	22-Sep-18	10-Oct-18	0%	0%	-83
A50975	RDE - Walls, Columns & 13/F Slab - Zone B	14	09-Jun-18	26-Jun-18	17-Sep-18	04-Oct-18	0%	0%	-83
A50985	RDE - Walls, Columns & 14/F Slab - Zone B	14	27-Jun-18	13-Jul-18	05-Oct-18	22-Oct-18	0%	0%	-83
A50860	RDE - Walls, Columns & 3/F Slab - Zone A	14	20-Dec-17	08-Jan-18	08-Dec-17 A	26-Mar-18 A	100%	100%	-62
A50865	RDE - Walls, Columns & 3/F Slab - Zone B	14	14-Dec-17	02-Jan-18	06-Dec-17 A	20-Mar-18 A	100%	100%	-63
A50870	RDE - Walls, Columns & 4/F Slab - Zone A	14	09-Jan-18	24-Jan-18	27-Mar-18 A	27-Apr-18	100%	12.5%	-73
A50875	RDE - Walls, Columns & 4/F Slab - Zone B	14	03-Jan-18	18-Jan-18	21-Mar-18 A	21-Apr-18	100%	33.33%	-73
A50880	RDE - Walls, Columns & 5/F Slab - Zone A	14	25-Jan-18	09-Feb-18	28-Apr-18	28-May-18	100%	0%	-83
A50885	RDE - Walls, Columns & 5/F Slab - Zone B	14	19-Jan-18	03-Feb-18	23-Apr-18	21-May-18	100%	0%	-83
A50890	RDE - Walls, Columns & 6/F Slab - Zone A	14	10-Feb-18	01-Mar-18	29-May-18	13-Jun-18	100%	0%	-83
A50895	RDE - Walls, Columns & 6/F Slab - Zone B	14	05-Feb-18	23-Feb-18	23-May-18	07-Jun-18	100%	0%	-83
A50900	RDE - Walls, Columns & 7/F Slab - Zone A	14	02-Mar-18	17-Mar-18	14-Jun-18	30-Jun-18	100%	0%	-83
A50905	RDE - Walls, Columns & 7/F Slab - Zone B	14	24-Feb-18	12-Mar-18	08-Jun-18	25-Jun-18	100%	0%	-83
A50910	RDE - Walls, Columns & 8/F Slab - Zone A	14	19-Mar-18	07-Apr-18	03-Jul-18	18-Jul-18	71.43%	0%	-83
A50915	RDE - Walls, Columns & 8/F Slab - Zone B	14	13-Mar-18	28-Mar-18	26-Jun-18	12-Jul-18	100%	0%	-83
A50920	RDE - Walls, Columns & 9/F Slab - Zone A	14	09-Apr-18	24-Apr-18	19-Jul-18	03-Aug-18	0%	0%	-83
A50925	RDE - Walls, Columns & 9/F Slab - Zone B	14	29-Mar-18	18-Apr-18	13-Jul-18	28-Jul-18	7.14%	0%	-83
RDE Building Temporary Works									
RDFF-10020	Fair Face Concrete Remedial Works - RDE 1/F	0			16-Apr-18*	02-May-18	0%	0%	
RDFF-10030	Fair Face Concrete Remedial Works - RDE 2/F	0			03-May-18	18-May-18	0%	0%	
RDFF-10040	Fair Face Concrete Remedial Works - RDE 3/F	0			29-May-18	13-Jun-18	0%	0%	
RDFF-10050	Fair Face Concrete Remedial Works - RDE 4/F	0			27-Jun-18	13-Jul-18	0%	0%	
RD10090	Material Hoist Erection (Initial)	8	25-Jan-18	02-Feb-18	28-Apr-18	08-May-18	100%	0%	-73
RDE Building FACADE Preliminaries									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

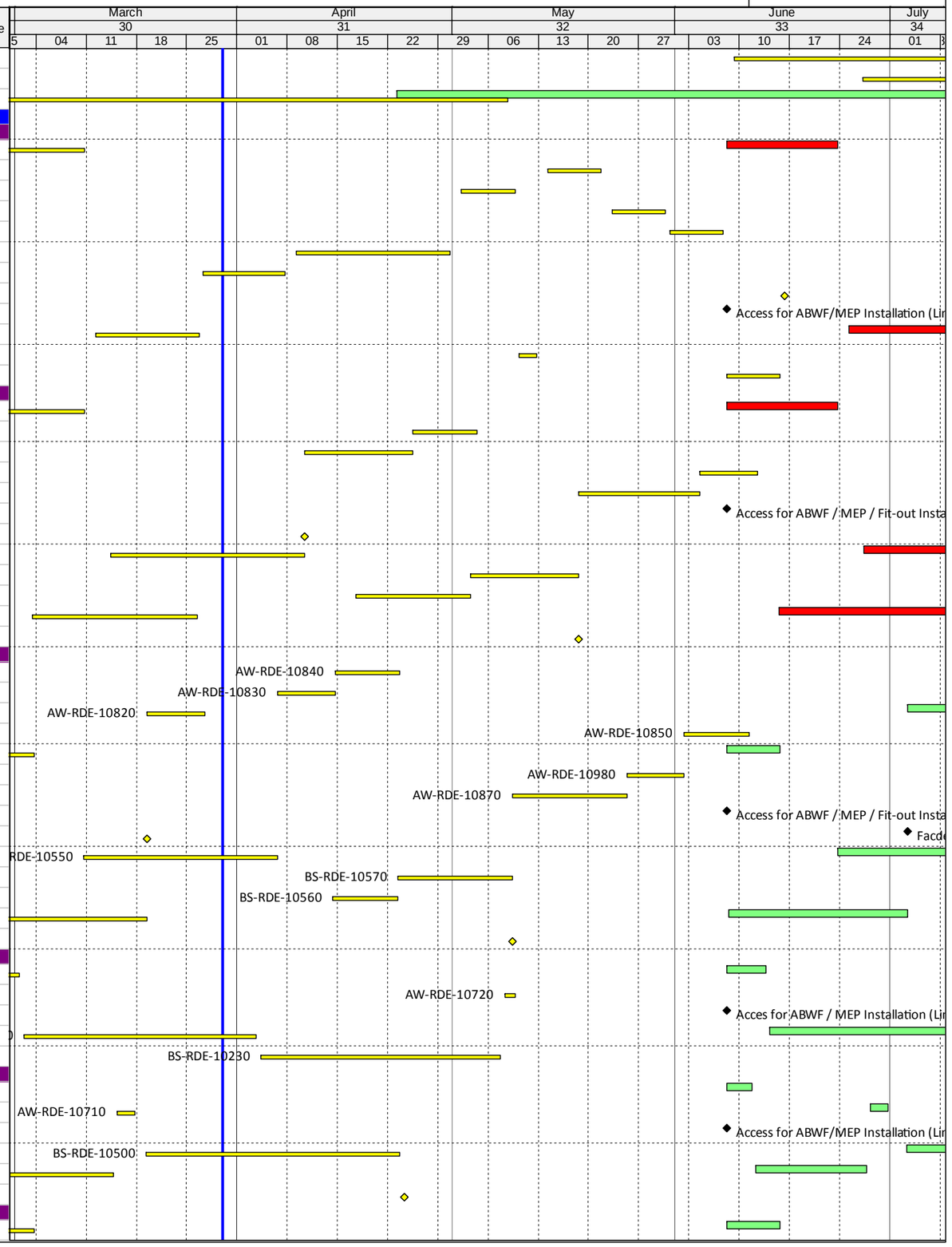
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
SHOP DRAWINGS + DESIGN CALCULATION									
SHOPDRAWING + DESIGN CALCULATION - by Redland									
A53500	3rd Shopdrawing for PreCast Tubes, Columns and Roof Pan	13	06-Nov-17	20-Nov-17	09-Feb-18 A	01-Mar-18 A	100%	100%	-80
SHOPDRAWING + DESIGN CALCULATION - by PISA									
A53800	3rd Shopdrawing for Window Wall & Louver at 2F to 14F - F	13	20-Oct-17	04-Nov-17	02-Dec-17 A	01-Mar-18 A	100%	100%	-93
A53740	3rd Shopdrawing for Window Wall, Facade Window, Louver	13	09-Dec-17	23-Dec-17	04-Jan-18 A	01-Mar-18 A	100%	100%	-51
BD DRAWING + DESIGN CALCULATION									
BD DRAWING + DESIGN CALCULATION - by PISA									
A54220	1st BD Submission Cast-in Embed for Window Wall & Louve	11	20-Oct-17	02-Nov-17	30-Mar-17 A	03-Apr-18	100%	98.01%	-120
RDE External Envelope									
RDE Structure									
A21260	RDE - Wall, Column & 7/F Slab Complete	0		18-Mar-18		01-Jul-18	100%	0%	-105
FACADE INSTALLATION - by Permasteelisa									
NORTH ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)									
A21290	Handover of Working Area (after completion of 7/F Slab)	0		19-Mar-18		03-Jul-18	100%	0%	-83
A21310	RDE - 2/F to 3/F Install Window Curtain Wall (2 wks per floc	3	07-Apr-18	10-Apr-18	18-Jul-18	20-Jul-18	0%	0%	-83
A21320	RDE - 3/F to 4/F Install Window Curtain Wall	3	21-Apr-18	24-Apr-18	01-Aug-18	03-Aug-18	0%	0%	-83
A21330	RDE - 4/F to 5/F Install Window Curtain Wall	3	07-May-18	09-May-18	15-Aug-18	17-Aug-18	0%	0%	-83
A21340	RDE - 5/F to 6/F Install Window Curtain Wall	3	21-May-18	24-May-18	29-Aug-18	31-Aug-18	0%	0%	-83
A21350	RDE - 6/F to 7/F Install Window Curtain Wall	3	05-Jun-18	07-Jun-18	12-Sep-18	14-Sep-18	0%	0%	-83
A21295	RDE - Survey & Setting Out G/F to 7/F (North Elevation)	13	19-Mar-18	06-Apr-18	03-Jul-18	17-Jul-18	76.92%	0%	-83
WEST ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)									
A21450	Handover of Working Area (after completion of 7/F Slab)	0		19-Mar-18		03-Jul-18	100%	0%	-83
A21470	RDE - 2/F to 3/F Install Window Curtain Wall	3	11-Apr-18	13-Apr-18	21-Jul-18	24-Jul-18	0%	0%	-83
A21480	RDE - 3/F to 4/F Install Window Curtain Wall	3	25-Apr-18	27-Apr-18	04-Aug-18	07-Aug-18	0%	0%	-83
A21490	RDE - 4/F to 5/F Install Window Curtain Wall	3	10-May-18	12-May-18	18-Aug-18	21-Aug-18	0%	0%	-83
A21500	RDE - 5/F to 6/F Install Window Curtain Wall	3	25-May-18	28-May-18	01-Sep-18	04-Sep-18	0%	0%	-83
A21510	RDE - 6/F to 7/F Install Window Curtain Wall	3	08-Jun-18	11-Jun-18	15-Sep-18	18-Sep-18	0%	0%	-83
A64730	RDE - Survey & Setting Out G/F to 7/F (West Elevation)	13	19-Mar-18	06-Apr-18	03-Jul-18	17-Jul-18	76.92%	0%	-83
SOUTH ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)									
A21640	Handover of Working Area (after completion of 7/F Slab)	0		19-Mar-18		03-Jul-18	100%	0%	-83
A21660	RDE - 2/F to 3/F Install Window Curtain Wall	3	14-Apr-18	17-Apr-18	25-Jul-18	27-Jul-18	0%	0%	-83
A21670	RDE - 3/F to 4/F Install Window Curtain Wall	3	28-Apr-18	02-May-18	08-Aug-18	10-Aug-18	0%	0%	-83
A21680	RDE - 4/F to 5/F Install Window Curtain Wall	3	14-May-18	16-May-18	22-Aug-18	24-Aug-18	0%	0%	-83
A21690	RDE - 5/F to 6/F Install Window Curtain Wall	3	29-May-18	31-May-18	05-Sep-18	07-Sep-18	0%	0%	-83
A21700	RDE - 6/F to 7/F Install Window Curtain Wall	3	12-Jun-18	14-Jun-18	19-Sep-18	21-Sep-18	0%	0%	-83
A64740	RDE - Survey & Setting Out G/F to 7/F (South Elevation)	13	19-Mar-18	06-Apr-18	03-Jul-18	17-Jul-18	76.92%	0%	-83
EAST ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)									
A21800	Handover of Working Area (after completion of 7/F Slab)	0		19-Mar-18		03-Jul-18	100%	0%	-83
A21820	RDE - 2/F to 3/F Install Window Curtain Wall	3	18-Apr-18	20-Apr-18	28-Jul-18	31-Jul-18	0%	0%	-83
A21830	RDE - 3/F to 4/F Install Window Curtain Wall	3	03-May-18	05-May-18	11-Aug-18	14-Aug-18	0%	0%	-83
A21840	RDE - 4/F to 5/F Install Window Curtain Wall	3	17-May-18	19-May-18	25-Aug-18	28-Aug-18	0%	0%	-83
A21850	RDE - 5/F to 6/F Install Window Curtain Wall	3	01-Jun-18	04-Jun-18	08-Sep-18	11-Sep-18	0%	0%	-83
A21860	RDE - 6/F to 7/F Install Window Curtain Wall	3	15-Jun-18	19-Jun-18	22-Sep-18	26-Sep-18	0%	0%	-83
A64750	RDE - Survey & Setting Out G/F to 7/F (East Elevation)	13	19-Mar-18	06-Apr-18	03-Jul-18	17-Jul-18	76.92%	0%	-83
WEST ELEVATION - Facade Louvre (FC-LV-01) (2/F to 4/F)									
A21610	RDE - 2/F Install Facade Louvre	13	29-May-18	12-Jun-18	05-Sep-18	19-Sep-18	0%	0%	-83
A21620	RDE - 3/F Install Facade Louvre	13	13-Jun-18	28-Jun-18	20-Sep-18	06-Oct-18	0%	0%	-83
A21630	RDE - 4/F Install Facade Louvre	13	29-Jun-18	14-Jul-18	08-Oct-18	23-Oct-18	0%	0%	-83
FACADE INSTALLATION - by ISP									
SOUTH ELEVATION - Facade Mesh Balustrade (FC-BA-02)									
A22020	RDE - 2/F Install Facade Mesh Balustrade (FC-BA-02)	11	21-Apr-18	04-May-18	01-Aug-18	11-Aug-18	0%	0%	-82
A22030	RDE - 3/F Install Facade Mesh Balustrade (FC-BA-02)	11	07-May-18	18-May-18	15-Aug-18	25-Aug-18	0%	0%	-82
A22040	RDE - 4/F Install Facade Mesh Balustrade (FC-BA-02)	11	21-May-18	02-Jun-18	29-Aug-18	08-Sep-18	0%	0%	-82
A22050	RDE - 5/F Install Facade Mesh Balustrade (FC-BA-02)	11	05-Jun-18	16-Jun-18	12-Sep-18	22-Sep-18	0%	0%	-82
A22060	RDE - 6/F Install Facade Mesh Balustrade (FC-BA-02)	11	20-Jun-18	03-Jul-18	27-Sep-18	09-Oct-18	0%	0%	-82
RDE Tower ABWF & Building Services (GF - 15M/F & UR/F)									
RDE Tower GF - 14F, Excluding 2F, 5F, 15F & 15MF									
RDE-10120	3/F - ABWF / MEP Installation (Similar working procedures a	94	13-Mar-18	09-Jul-18	26-Jun-18	16-Oct-18	15.96%	0%	-83
RDE-10130	4/F - ABWF / MEP Installation (Similar working procedures a	94	29-Mar-18	25-Jul-18	13-Jul-18	02-Nov-18	1.06%	0%	-83
RDE-10150	6/F - ABWF / MEP Installation (Similar working procedures a	86	07-May-18	17-Aug-18	15-Aug-18	24-Nov-18	0%	0%	-82
RDE-10160	7/F - ABWF / MEP Installation (Similar working procedures a	86	24-May-18	03-Sep-18	31-Aug-18	11-Dec-18	0%	0%	-82



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

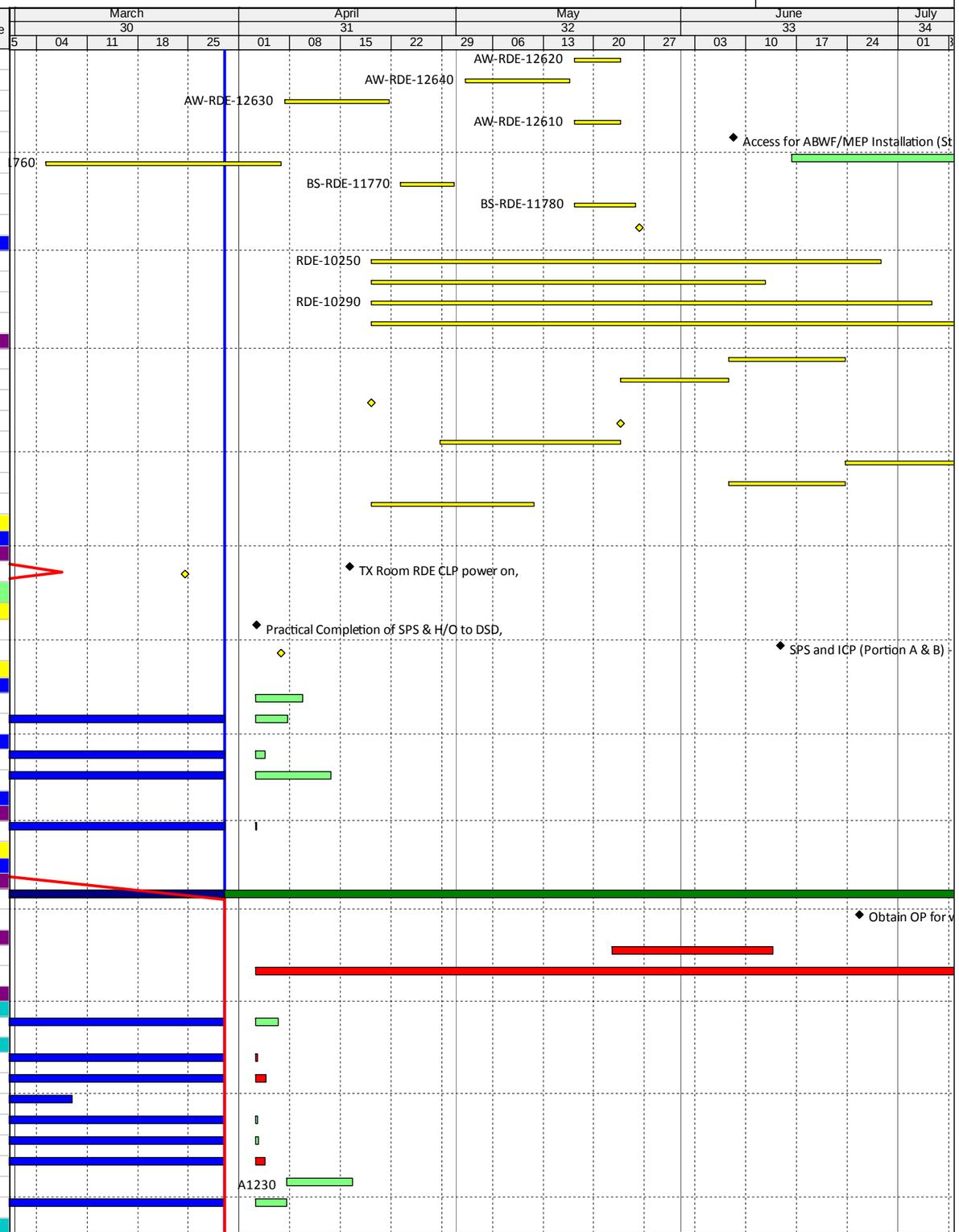
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
RDE-10170	8/F - ABWF / MEP Installation (Similar working procedures a	86	09-Jun-18	19-Sep-18	17-Sep-18	29-Dec-18	0%	0%	-82
RDE-10180	9/F - ABWF / MEP Installation (Similar working procedures a	86	27-Jun-18	08-Oct-18	05-Oct-18	16-Jan-19	0%	0%	-82
RDE-10140	G/F - ABWF / MEP Installation (Similar working procedures a	86	19-Jan-18	08-May-18	23-Apr-18	04-Aug-18	66.28%	0%	-73
2F									
Toilets (GL 2'-3'/H')									
AW-RDE-1(	ABWF - Block Wall	13	24-Feb-18	10-Mar-18	08-Jun-18	23-Jun-18	100%	0%	-83
AW-RDE-1(	ABWF - Ceiling Close up / Ceiling Finish	7	14-May-18	21-May-18	22-Aug-18	29-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Ceiling Grid/Ceilng Panel with Service Openings	7	02-May-18	09-May-18	10-Aug-18	17-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Cublic Partition	7	23-May-18	30-May-18	30-Aug-18	06-Sep-18	0%	0%	-83
AW-RDE-1(	ABWF - Final Fix-Sanitaryware / Sink / Door	7	31-May-18	07-Jun-18	07-Sep-18	14-Sep-18	0%	0%	-83
AW-RDE-1(	ABWF - Floor screeding / Wall Plastering/ Tiling	19	09-Apr-18	30-Apr-18	19-Jul-18	09-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Waterproofing/Water Test	7	27-Mar-18	07-Apr-18	11-Jul-18	18-Jul-18	42.86%	0%	-83
AW-RDE-1(	ABWF / MEP Installation Completed	0		16-Jun-18		23-Sep-18	0%	0%	-99
AS-RDE-10	Access for ABWF/MEP Installation (Linked from 5/F Slab Cas	0	24-Feb-18		08-Jun-18		100%	0%	-104
BS-RDE-10	MEP - Low Level P&D Pipework, H/L 1st/2nd Fix	13	12-Mar-18	26-Mar-18	25-Jun-18	10-Jul-18	100%	0%	-83
BS-RDE-10	MEP Dropper	3	10-May-18	12-May-18	18-Aug-18	21-Aug-18	0%	0%	-83
BS-RDE-10	MEP Final Fix	7	08-Jun-18	15-Jun-18	15-Sep-18	22-Sep-18	0%	0%	-83
FOH (GL 2'-6'/G'-J') (including lobby)									
AW-RDE-1(	ABWF - Block Wall	13	24-Feb-18	10-Mar-18	08-Jun-18	23-Jun-18	100%	0%	-83
AW-RDE-1(	ABWF - Ceiling Close Up	7	25-Apr-18	04-May-18	04-Aug-18	13-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Ceiling Frame	13	10-Apr-18	25-Apr-18	20-Jul-18	04-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Door frame& panels & ironmongeries installation	7	04-Jun-18	12-Jun-18	11-Sep-18	19-Sep-18	0%	0%	-83
AW-RDE-1(	ABWF - Wall Final Finish	13	18-May-18	04-Jun-18	27-Aug-18	11-Sep-18	0%	0%	-83
AS-RDE-10	Access for ABWF / MEP / Fit-out Installation (Linked from 5/	0	24-Feb-18		08-Jun-18		100%	0%	-104
AW-RDE-1(	Facde Completion and watertight	0		10-Apr-18		20-Jul-18	0%	0%	-101
BS-RDE-10	MEP - 2nd fix include cabling and wiring	19	14-Mar-18	10-Apr-18	27-Jun-18	20-Jul-18	71.93%	0%	-83
BS-RDE-10	MEP - Final Fix	13	03-May-18	18-May-18	11-Aug-18	27-Aug-18	0%	0%	-83
BS-RDE-10	MEP Dropper - FS dropper / Electrical Flexible / wiring	13	17-Apr-18	03-May-18	27-Jul-18	11-Aug-18	0%	0%	-83
BS-RDE-10	MEP Installation H/L 1st Fix	19	03-Mar-18	26-Mar-18	15-Jun-18	10-Jul-18	100%	0%	-83
AS-RDE-10	Ready for T&C (FS)	0		18-May-18		27-Aug-18	0%	0%	-101
Kitchen (GL 1'-2'/G'-J')									
AW-RDE-1(	ABWF - Ceiling Close Up	7	14-Apr-18	23-Apr-18	25-Jul-18	02-Aug-18	0%	0%	-83
AW-RDE-1(	ABWF - Ceiling Frame	7	06-Apr-18	14-Apr-18	17-Jul-18	25-Jul-18	0%	0%	-83
AW-RDE-1(	ABWF - Close Dry Wall	7	19-Mar-18	27-Mar-18	03-Jul-18	11-Jul-18	100%	0%	-83
AW-RDE-1(	ABWF - Door frame& panels & ironmongeries installation	7	02-Jun-18	11-Jun-18	10-Sep-18	18-Sep-18	0%	0%	-83
AW-RDE-1(	ABWF - Dry Wall stud	7	24-Feb-18	03-Mar-18	08-Jun-18	15-Jun-18	100%	0%	-83
AW-RDE-1(	ABWF - Floor Finishes on raised floor	7	25-May-18	02-Jun-18	01-Sep-18	10-Sep-18	0%	0%	-83
AW-RDE-1(	ABWF - Wall Final Finish	13	09-May-18	25-May-18	17-Aug-18	01-Sep-18	0%	0%	-83
AS-RDE-10	Access for ABWF / MEP / Fit-out Installation (Linked from 5/	0	24-Feb-18		08-Jun-18		100%	0%	-104
AW-RDE-1(	Facde Completion and watertight	0		19-Mar-18		03-Jul-18	100%	0%	-106
BS-RDE-10	MEP - 2nd fix include cabling and wiring	19	10-Mar-18	06-Apr-18	23-Jun-18	17-Jul-18	84.8%	0%	-83
BS-RDE-10	MEP - Final Fix	13	23-Apr-18	09-May-18	02-Aug-18	17-Aug-18	0%	0%	-83
BS-RDE-10	MEP Dropper - FS dropper / Electrical Flexible / wiring	7	14-Apr-18	23-Apr-18	25-Jul-18	02-Aug-18	0%	0%	-83
BS-RDE-10	MEP Installation 1st Fix	19	24-Feb-18	19-Mar-18	08-Jun-18	03-Jul-18	100%	0%	-83
AS-RDE-10	Ready for T&C (FS)	0		09-May-18		17-Aug-18	0%	0%	-100
ELE Room (GL 2'-3'/H')									
AS-RDE-10	ABWF - Ceiling/Walll Sealer	5	24-Feb-18	01-Mar-18	08-Jun-18	13-Jun-18	100%	0%	-83
AW-RDE-1(	ABWF - Door / Ironmonargies	2	08-May-18	09-May-18	16-Aug-18	17-Aug-18	0%	0%	-83
AS-RDE-10	Acces for ABWF / MEP Installation (Linked from 5/F Slab Cas	0	24-Feb-18		08-Jun-18		100%	0%	-104
BS-RDE-10	MEP - 1st Fix	25	02-Mar-18	03-Apr-18	14-Jun-18	14-Jul-18	96%	0%	-83
BS-RDE-10	MEP - 2nd & Final Fix	27	04-Apr-18	07-May-18	16-Jul-18	15-Aug-18	0%	0%	-83
ELV Room (GL 3'-A'-B')									
AW-RDE-1(	ABWF Sealer paint	3	24-Feb-18	27-Feb-18	08-Jun-18	11-Jun-18	100%	0%	-83
AW-RDE-1(	ABWF-Door / Ironmongaries	3	15-Mar-18	17-Mar-18	28-Jun-18	30-Jun-18	100%	0%	-83
AS-RDE-10	Access for ABWF/MEP Installation (Linked from 5/F Slab Cas	0	24-Feb-18		08-Jun-18		100%	0%	-104
BS-RDE-10	MEP - ELV- Equipment Rack / Cabling / Connection	27	19-Mar-18	23-Apr-18	03-Jul-18	02-Aug-18	37.04%	0%	-83
BS-RDE-10	MEP 1st / 2nd Fix	13	28-Feb-18	14-Mar-18	12-Jun-18	27-Jun-18	100%	0%	-83
AS-RDE-10	Ready for ELV system T&C	0		24-Apr-18		03-Aug-18	0%	0%	-101
FS Lift Lobby & Corridor @GL 4'/G'									
AW-RDE-1:	ABWF - Floor Screeding, Wall/Ceiling 1st coat	7	24-Feb-18	03-Mar-18	08-Jun-18	15-Jun-18	100%	0%	-83



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

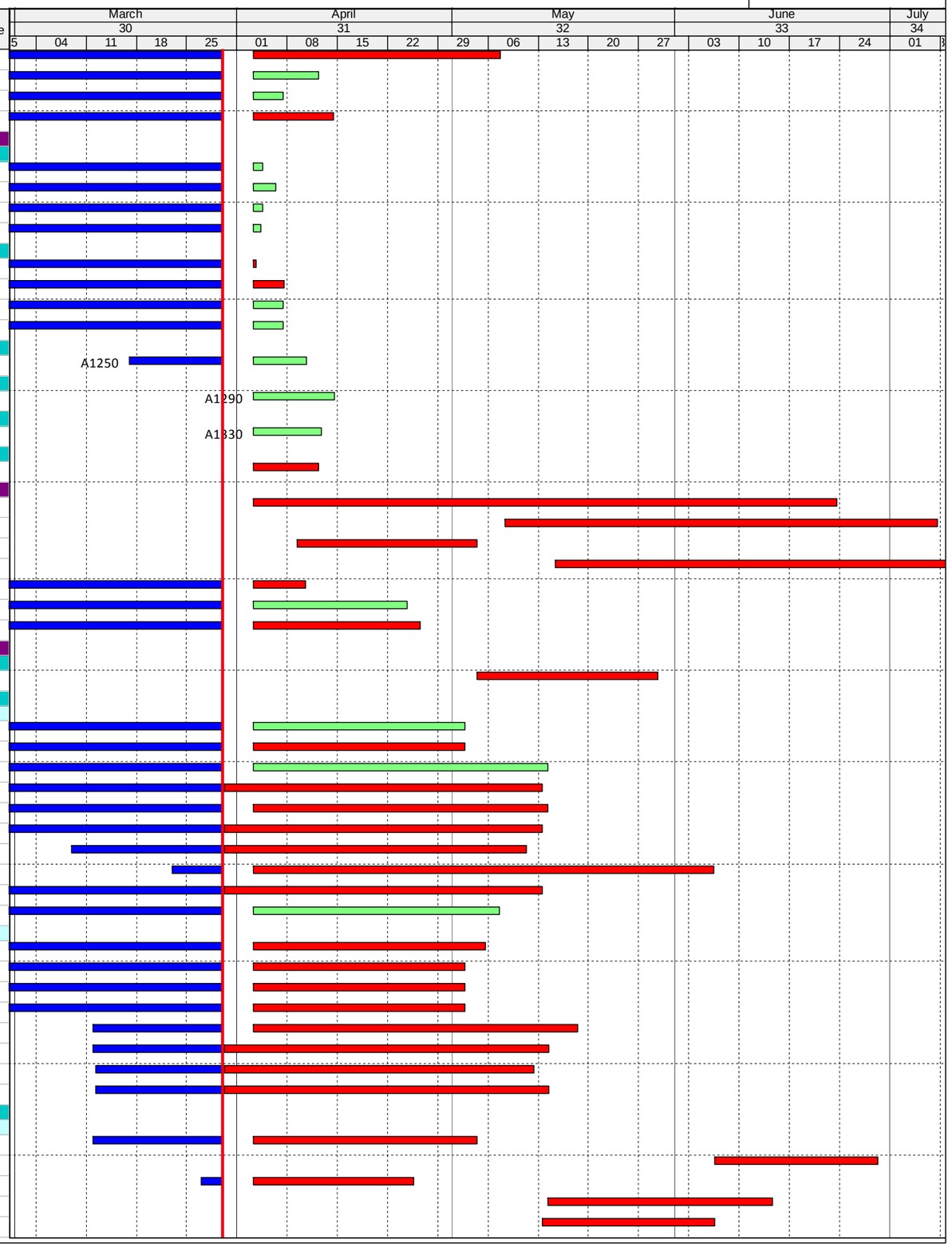
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AW-RDE-1:	ABWF-Door Ironmogaries	5	17-May-18	23-May-18	25-Aug-18	30-Aug-18	0%	0%	-83
AW-RDE-1:	ABWF-FR Ceiling Close-up	13	02-May-18	16-May-18	10-Aug-18	24-Aug-18	0%	0%	-83
AW-RDE-1:	ABWF-FR Ceiling Frame	13	07-Apr-18	21-Apr-18	18-Jul-18	01-Aug-18	0%	0%	-83
AW-RDE-1:	ABWF-Wall Final Finishing	5	17-May-18	23-May-18	25-Aug-18	30-Aug-18	0%	0%	-83
AS-RDE-10	Access for ABWF/MEP Installation (Structure and Non struc	0	24-Feb-18		08-Jun-18		100%	0%	-104
BS-RDE-11	MEP - 1st / 2nd Fix Installation	25	05-Mar-18	06-Apr-18	16-Jun-18	17-Jul-18	88%	0%	-83
BS-RDE-11	MEP-Dropper	7	23-Apr-18	30-Apr-18	02-Aug-18	09-Aug-18	0%	0%	-83
BS-RDE-11	MEP-Final Fix	7	17-May-18	25-May-18	25-Aug-18	01-Sep-18	0%	0%	-83
AS-RDE-10	Ready for T&C (FS)	0		26-May-18		02-Sep-18	0%	0%	-99
5F									
RDE-10250	ELE Room (5F) at GL2'-3'/H' (similar working procedures as 2	58	19-Apr-18	28-Jun-18	30-Jul-18	06-Oct-18	0%	0%	-83
RDE-10260	ELV Room (5F) at GL3'/A'-B' (similar working procedures as 2	45	19-Apr-18	12-Jun-18	30-Jul-18	19-Sep-18	0%	0%	-83
RDE-10290	FS Lift Lobby & Corridor (5F) at GL4'/G' (similar working proc	63	19-Apr-18	05-Jul-18	30-Jul-18	12-Oct-18	0%	0%	-83
RDE-10240	Toilets (5F) at GL2'-3'/H' (similar working procedures as 2/F)	84	19-Apr-18	30-Jul-18	30-Jul-18	07-Nov-18	0%	0%	-83
FOH (GL 1'-2'/G'-H', 1'-2'/G'-J', 5'-6' & 2'-5'/H'-J') (including lobby)									
AW-RDE-1	ABWF - Ceiling Close Up	13	07-Jun-18	23-Jun-18	14-Sep-18	02-Oct-18	0%	0%	-83
AW-RDE-1	ABWF - Ceiling Frame	13	23-May-18	07-Jun-18	30-Aug-18	14-Sep-18	0%	0%	-83
AS-RDE-10	Access for ABWF / MEP / Fit-out Installation (Linked from 8/	0	19-Apr-18		29-Jul-18		0%	0%	-101
AW-RDE-1	Facde Completion and watertight	0		23-May-18		30-Aug-18	0%	0%	-99
BS-RDE-10	MEP - 2nd fix include cabling and wiring	19	28-Apr-18	23-May-18	08-Aug-18	30-Aug-18	0%	0%	-83
BS-RDE-10	MEP - Final Fix	13	23-Jun-18	10-Jul-18	02-Oct-18	18-Oct-18	0%	0%	-83
BS-RDE-10	MEP Dropper - FS dropper / Electrical Flexible / wiring	13	07-Jun-18	23-Jun-18	14-Sep-18	02-Oct-18	0%	0%	-83
BS-RDE-10	MEP Installation H/L 1st Fix	19	19-Apr-18	11-May-18	30-Jul-18	20-Aug-18	0%	0%	-83
RDE Tower Testing & Comissioning (G/F - 15M/F & UR/F)									
MEP System T&C									
Electrical									
EL-CLP-102	TX Room RDE CLP power on	0		24-Mar-18		16-Apr-18	100%	0%	-23
ICP & SPS Construction									
Key Dates									
A31600	Practical Completion of SPS & H/O to DSD	0		11-Dec-17		03-Apr-18	100%	0%	-88
A31590	SPS and ICP (Portion A & B) - Full Access to Park Contractor	0		06-Apr-18		14-Jun-18	0%	0%	-57
SPS WORKS (Sewerage Pumping Station)									
SPS - External Envelope									
A56570	SPS - Final Fix & Facade Final Cleaning	4	02-Nov-17	07-Nov-17	03-Apr-18	09-Apr-18	100%	0%	-121
A32220	SPS - Install GRC Architectural Louvre & Bracket	2	20-Oct-17	21-Oct-17	21-Jul-17 A	07-Apr-18	100%	35.71%	-133
SPS - Access Pavement									
A56590	SPS - Backfilling	2	20-Oct-17	21-Oct-17	02-Jan-18 A	04-Apr-18	100%	60%	-131
A56600	SPS - Construct SPS access pavement	9	23-Oct-17	02-Nov-17	05-Jan-18 A	13-Apr-18	100%	10%	-129
SPS - Statutory Inspection (Original)									
DSD									
A32250	SPS - Handover to DSD	1	09-Dec-17	11-Dec-17	29-Jan-18 A	03-Apr-18	100%	95%	-88
ICP WORKS (Interfacing Car Park)									
M+ ICP Accelerated Works Programme									
M+ ICP KD & MS									
A1010	ICP Remaining Works Duration	0			01-Oct-17 A	31-Aug-18	0%	44.16%	
ICP-M01	Obtain OP for works within the ICP (TOP)	0				25-Jun-18*	0%	0%	
Civil Works									
A2160	BA 14 Acknowledgement by BD	0			22-May-18	13-Jun-18*	0%	0%	
A2140	Construct Retaining Wall "E"	0			03-Apr-18	02-Aug-18	0%	0%	
Builders works - Level B1									
Driveway & Parking Areas									
A1030	Blockwall + Plastering (Around cavity walls)	0			01-Oct-17 A	06-Apr-18	0%	95%	
Major Plant Room & Tank									
A1110	Blockwall + Plastering and Painting _ Clear Wtr/Flush Wtr Pu	0			07-Dec-17 A	03-Apr-18	0%	95%	
A1090	Blockwall + Plastering and Painting _ Emer. Generator Set Rn	0			13-Oct-17 A	04-Apr-18	0%	97%	
A1060	Blockwall + Plastering and Painting _ Ex. Fan Rm 2 (17)	0			06-Oct-17 A	09-Mar-18 A	0%	100%	
A1105	Blockwall + Plastering and Painting _ FS Pump Rm (8)	0			07-Dec-17 A	03-Apr-18	0%	95%	
A1100	Blockwall + Plastering and Painting _ FS/Spr. inlet cab., FS Co	0			13-Dec-17 A	03-Apr-18	0%	95%	
A1120	Blockwall + Plastering and Painting _ Intake & Ex. Fan Rm 1 (	0			13-Oct-17 A	04-Apr-18	0%	97%	
A1230	Cleaning and protections	0			07-Apr-18	16-Apr-18	0%	0%	
A1220	Floor Screeding	0			08-Jan-18 A	07-Apr-18	0%	80%	
Staircase & Lift									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

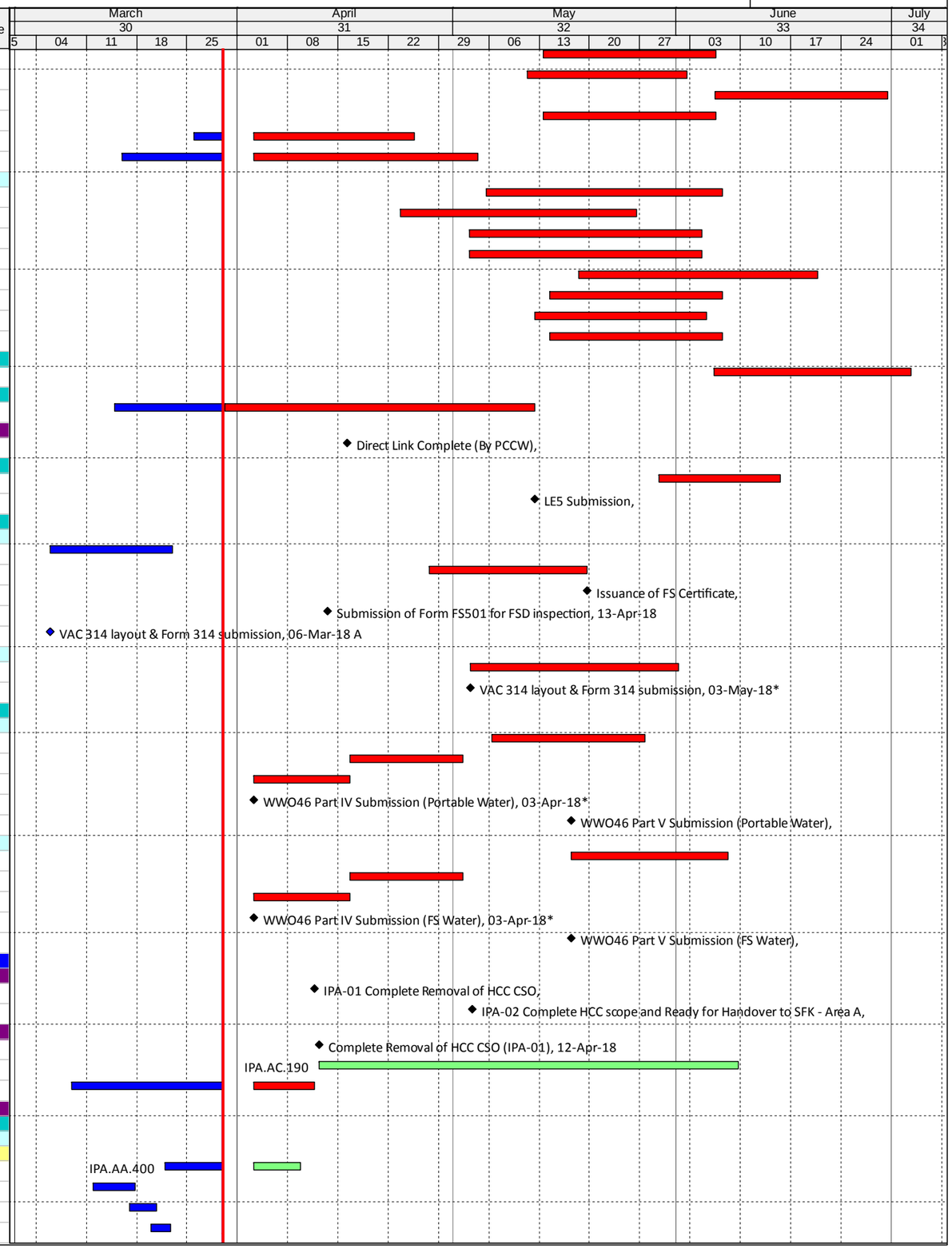
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A1190	Builders Works at Lift Lobby (Except ceiling)	0			19-Feb-18 A	07-May-18	0%	10%	
A1170	Builders Works of ST-02 and Corridor area + Finishes	0			01-Oct-17 A	12-Apr-18	0%	80%	
A1180	Builders Works of ST-03 and Finishes	0			13-Nov-17 A	07-Apr-18	0%	80%	
A1200	Builders Works of ST-04 and Corridor area + Finishes	0			13-Nov-17 A	14-Apr-18	0%	80%	
Builders works - Level B2									
Major Plant Room									
A1420	Blockwall + Plastering and Painting _ ELV Rm and ICT (4, 5)	0			23-Nov-17 A	04-Apr-18	0%	95%	
A1410	Blockwall + Plastering and Painting _ Exhuast Fan Rm 3 (1)	0			23-Nov-17 A	06-Apr-18	0%	90%	
A1480	Blockwall + Plastering and Painting _ Intake Fan Rm 2 (5)	0			07-Dec-17 A	04-Apr-18	0%	90%	
A1470	Blockwall + Plastering and Painting _ Storage Rm (5A)	0			23-Nov-17 A	04-Apr-18	0%	95%	
Staircase & Lift									
A1450	Builder Works of ELE Room and Lift Lobby (Except ceiling)(2)	0			02-Jan-18 A	03-Apr-18	0%	95%	
A1460	Builder Works of ST-02 and Corridor area + Finishes	0			05-Jan-18 A	07-Apr-18	0%	80%	
A1440	Builder Works of ST-03 and Finishes	0			29-Dec-17 A	07-Apr-18	0%	80%	
A1430	Builder Works of ST-04 and Corridor area + Finishes	0			28-Dec-17 A	07-Apr-18	0%	80%	
Area A - GLAa - Da									
A1250	Floor Screeding + Protection	0			17-Mar-18 A	10-Apr-18	0%	40%	
Area B - GLDa - Ga									
A1290	Floor Screeding + Protection	0			03-Apr-18	14-Apr-18	0%	0%	
Area C - GLGa - La									
A1330	Floor Screeding + Protection	0			03-Apr-18	12-Apr-18	0%	0%	
Area D - GLEa - Ka									
A1370	Floor Screeding + Protection	0			03-Apr-18	12-Apr-18	0%	0%	
Fitting out works									
A1670	Ceiling Installation	0			03-Apr-18	23-Jun-18*	0%	0%	
A1660	Final Builders installations including doors and Road Signage	0			08-May-18	07-Jul-18	0%	0%	
A1850	Fire damper & Enclosure Installation	0			09-Apr-18	04-May-18*	0%	0%	
A1830	FRR Ceiling & Door Installation	0			15-May-18	09-Jul-18	0%	0%	
A1840	FS Shutter Installation	0			19-Feb-18 A	10-Apr-18	0%	80%	
A1640	Wall and Ceiling finishes _ PAINTING + Road marking B1	0			09-Feb-18 A	24-Apr-18	0%	35%	
A1650	Wall and Ceiling finishes _ PAINTING + Road marking B2	0			09-Feb-18 A	26-Apr-18*	0%	35%	
Building Services									
ICP Transformer Room									
A1510	Power energization	0			04-May-18	29-May-18*	0%	0%	
MEP Installation - 1st fix									
B1/F									
A1515	B1 Drive Way - MEP 1st Fix	0			11-Nov-17 A	02-May-18	0%	70%	
A1525	B1 Parking Areas - MEP 1st Fix	0			15-Jan-18 A	02-May-18	0%	70%	
A1915	MEP 1st Fix _ Clear Wtr/Flush Wtr Pump Rm & Security Rm	0			09-Feb-18 A	14-May-18	0%	40%	
A1880	MEP 1st Fix _ ELV Room and ICT at B1 (14, 15)	0			19-Jan-18 A	13-May-18	0%	10%	
A1890	MEP 1st Fix _ Emer. Generator Set Room (13)	0			09-Feb-18 A	14-May-18	0%	40%	
A1860	MEP 1st Fix _ Ex. Fan 2 (17)	0			19-Jan-18 A	13-May-18	0%	10%	
A1910	MEP 1st Fix _ FS Pump Rm (8)	0			09-Mar-18 A	11-May-18	0%	15%	
A1900	MEP 1st Fix _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr (	0			23-Mar-18 A	06-Jun-18	0%	5%	
A1920	MEP 1st Fix _ Intake ex. Fan Rm (6)	0			19-Jan-18 A	13-May-18	0%	10%	
A1865	MEP 1st Fix _ Sprinker Room (17)	0			19-Jan-18 A	07-May-18	0%	50%	
B2/F									
A1520	Area A - MEP 1st Fix	0			15-Jan-18 A	05-May-18	0%	50%	
A1530	Area B - MEP 1st Fix	0			09-Feb-18 A	02-May-18	0%	55%	
A1540	Area C - MEP 1st Fix	0			15-Jan-18 A	02-May-18	0%	55%	
A1550	Area D - MEP 1st Fix	0			26-Jan-18 A	02-May-18	0%	55%	
A2010	MEP 1st Fix _ ELV Room and ICT (4, 5)	0			12-Mar-18 A	18-May-18	0%	30%	
A2000	MEP 1st Fix _ Exhuast Fan Room 3 (1)	0			12-Mar-18 A	14-May-18	0%	5%	
A2030	MEP 1st Fix _ Intake Fan Room (5)	0			12-Mar-18 A	12-May-18	0%	10%	
A2020	MEP 1st Fix _ Storage Room (5A)	0			12-Mar-18 A	14-May-18	0%	5%	
MEP Installation - 2nd fix									
B1/F									
A1555	B1 Drive Way - MEP 2nd Fix	0			12-Mar-18 A	04-May-18	0%	5%	
A1565	B1 Parking Areas - MEP 2nd Fix	0			06-Jun-18	29-Jun-18	0%	0%	
A1985	MEP 2nd Fix _ Clear Wtr/Flush Wtr Pump Rm & Security Rm	0			27-Mar-18 A	25-Apr-18	0%	30%	
A1960	MEP 2nd Fix _ E. Generator Set Room (13)	0			14-May-18	14-Jun-18	0%	0%	
A1950	MEP 2nd Fix _ ELV Room and ICT at B1 (14, 15)	0			13-May-18	06-Jun-18	0%	0%	



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

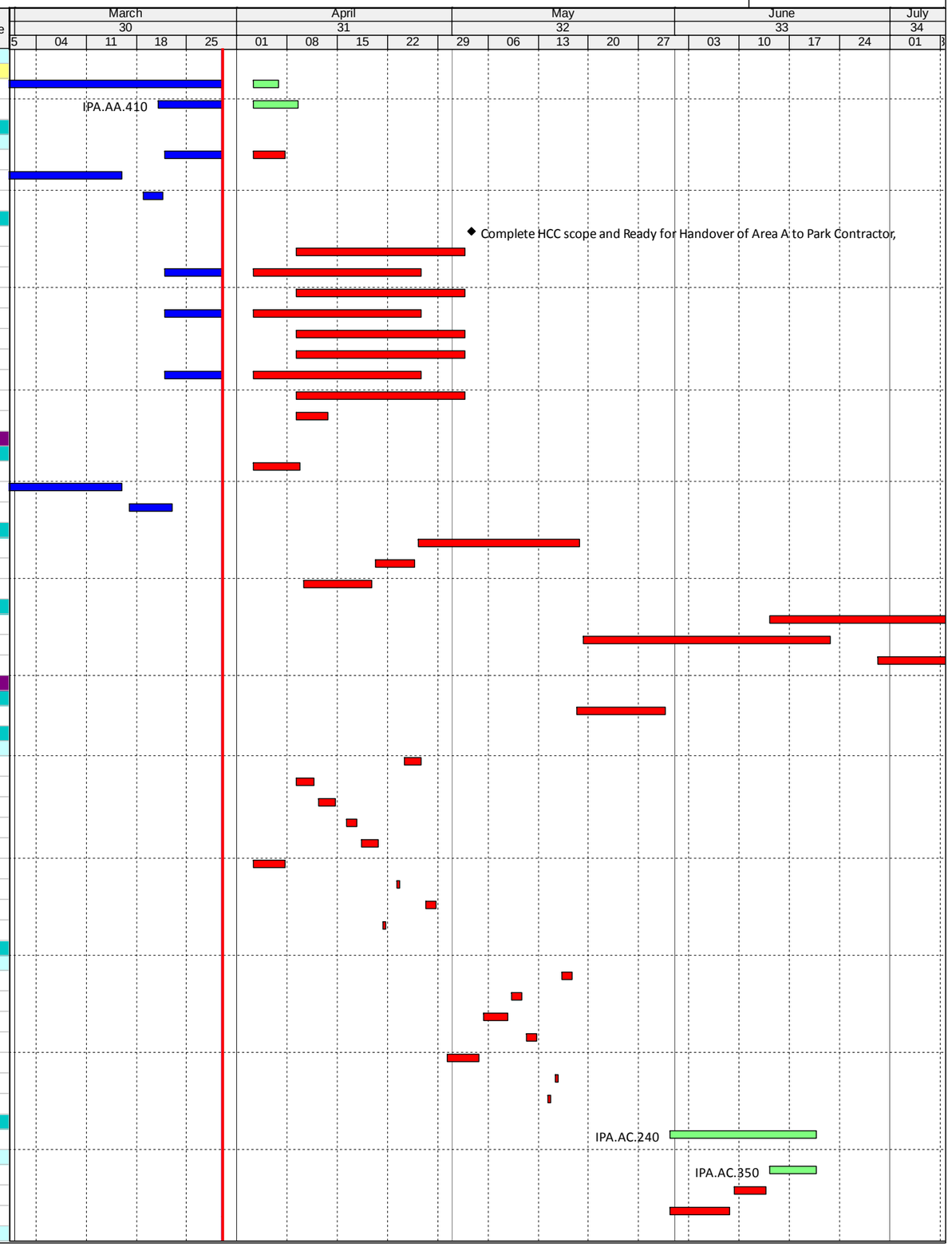
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A1930	MEP 2nd Fix _ Ex. Fan (17)	0			13-May-18	06-Jun-18	0%	0%	
A1980	MEP 2nd Fix _ FS Pump Rm (8)	0			11-May-18	02-Jun-18	0%	0%	
A1970	MEP 2nd Fix _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr	0			06-Jun-18	30-Jun-18	0%	0%	
A1990	MEP 2nd Fix _ Intake ex. Fan Rm (6)	0			13-May-18	06-Jun-18	0%	0%	
A1935	MEP 2nd Fix _ Sprinker Room (17)	0			26-Mar-18 A	25-Apr-18	0%	30%	
A1945	MEP 2nd Fix _ Switch Room (12)	0			16-Mar-18 A	04-May-18	0%	5%	
B2/F									
A1560	Area A - MEP 2nd Fix	0			05-May-18	07-Jun-18	0%	0%	
A1570	Area B - MEP 2nd Fix	0			23-Apr-18	26-May-18	0%	0%	
A1580	Area C - MEP 2nd Fix	0			03-May-18	04-Jun-18	0%	0%	
A1590	Area D - MEP 2nd Fix	0			03-May-18	04-Jun-18	0%	0%	
A2050	MEP 2nd Fix _ ELV Room and ICT (4, 5)	0			18-May-18	20-Jun-18	0%	0%	
A2040	MEP 2nd Fix _ Exhuast Fan Room 3 (1)	0			14-May-18	07-Jun-18	0%	0%	
A2070	MEP 2nd Fix _ Intake Fan Room (5)	0			12-May-18	05-Jun-18	0%	0%	
A2060	MEP 2nd Fix _ Storage Room (5A)	0			14-May-18	07-Jun-18	0%	0%	
Overall MEP T&C									
A1600	Test & Commissioning for all MEP system	0			06-Jun-18	03-Jul-18*	0%	0%	
Lift Installation									
A1610	Lift Installation	0			15-Mar-18 A	12-May-18	0%	10%	
ICP Statutory Approval									
A2170	Direct Link Complete (By PCCW)	0				16-Apr-18*	0%	0%	
EMSD									
A1630	Issue of use permit	0			29-May-18*	15-Jun-18	0%	0%	
A1620	LE5 Submission	0				12-May-18	0%	0%	
FSD									
TOP (excluding Roof Landscaping Works)									
A2110	FSD Approval of VAC 314	0			06-Mar-18 A	23-Mar-18 A	0%	100%	
A2090	FSD inspection	0			27-Apr-18	19-May-18	0%	0%	
A2130	Issuance of FS Certificate	0				19-May-18	0%	0%	
A2120	Submission of Form FS501 for FSD inspection	0			13-Apr-18		0%	0%	
A2100	VAC 314 layout & Form 314 submission	0			06-Mar-18 A		0%	100%	
OP									
A1675	FSD Approval of VAC 314	0			03-May-18	01-Jun-18	0%	0%	
A1665	VAC 314 layout & Form 314 submission	0			03-May-18*		0%	0%	
WSD									
Portable Water									
A1770	Complete meter installation & water main connection (Porta	0			06-May-18	27-May-18*	0%	0%	
A1750	Issue Water Sample Report (Portable Water)	0			16-Apr-18	02-May-18	0%	0%	
A1740	WSD Inspection	0			03-Apr-18	16-Apr-18	0%	0%	
A1730	WWO46 Part IV Submission (Portable Water)	0			03-Apr-18*		0%	0%	
A1760	WWO46 Part V Submission (Portable Water)	0				17-May-18	0%	0%	
FS Water									
A1820	Complete meter installation & water main connection (FS W	0			17-May-18	08-Jun-18*	0%	0%	
A1800	Issue Water Sample Report (FS Water)	0			16-Apr-18	02-May-18	0%	0%	
A1790	WSD Inspection	0			03-Apr-18	16-Apr-18	0%	0%	
A1780	WWO46 Part IV Submission (FS Water)	0			03-Apr-18*		0%	0%	
A1810	WWO46 Part V Submission (FS Water)	0				17-May-18	0%	0%	
IPA Area Completion and Handover Programme									
Milestone Dates									
IPA.MS.01	IPA-01 Complete Removal of HCC CSO	0				11-Apr-18*	0%	0%	
IPA.MS.02	IPA-02 Complete HCC scope and Ready for Handover to SFK	0				03-May-18*	0%	0%	
CSO Area									
IPA.AC.170	Complete Removal of HCC CSO (IPA-01)	0			12-Apr-18		0%	0%	
IPA.AC.190	Construct CSO footprint	0			12-Apr-18	09-Jun-18*	0%	0%	
IPA.AC.40	Remove CSO Office	0			09-Mar-18 A	11-Apr-18	0%	50%	
IPA Area A - Earthwork									
Low level									
Backfill									
Low level (Area 1)									
IPA.AA.4	Backfill with soil & SRT	0			22-Mar-18 A	09-Apr-18	0%	80%	
IPA.AA.2	Construct conc encase	0			12-Mar-18 A	17-Mar-18 A	0%	100%	
IPA.AA.2	Construct light weight conc	0			17-Mar-18 A	20-Mar-18 A	0%	100%	
IPA.AA.3	Place conc blocks	0			20-Mar-18 A	22-Mar-18 A	0%	100%	



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

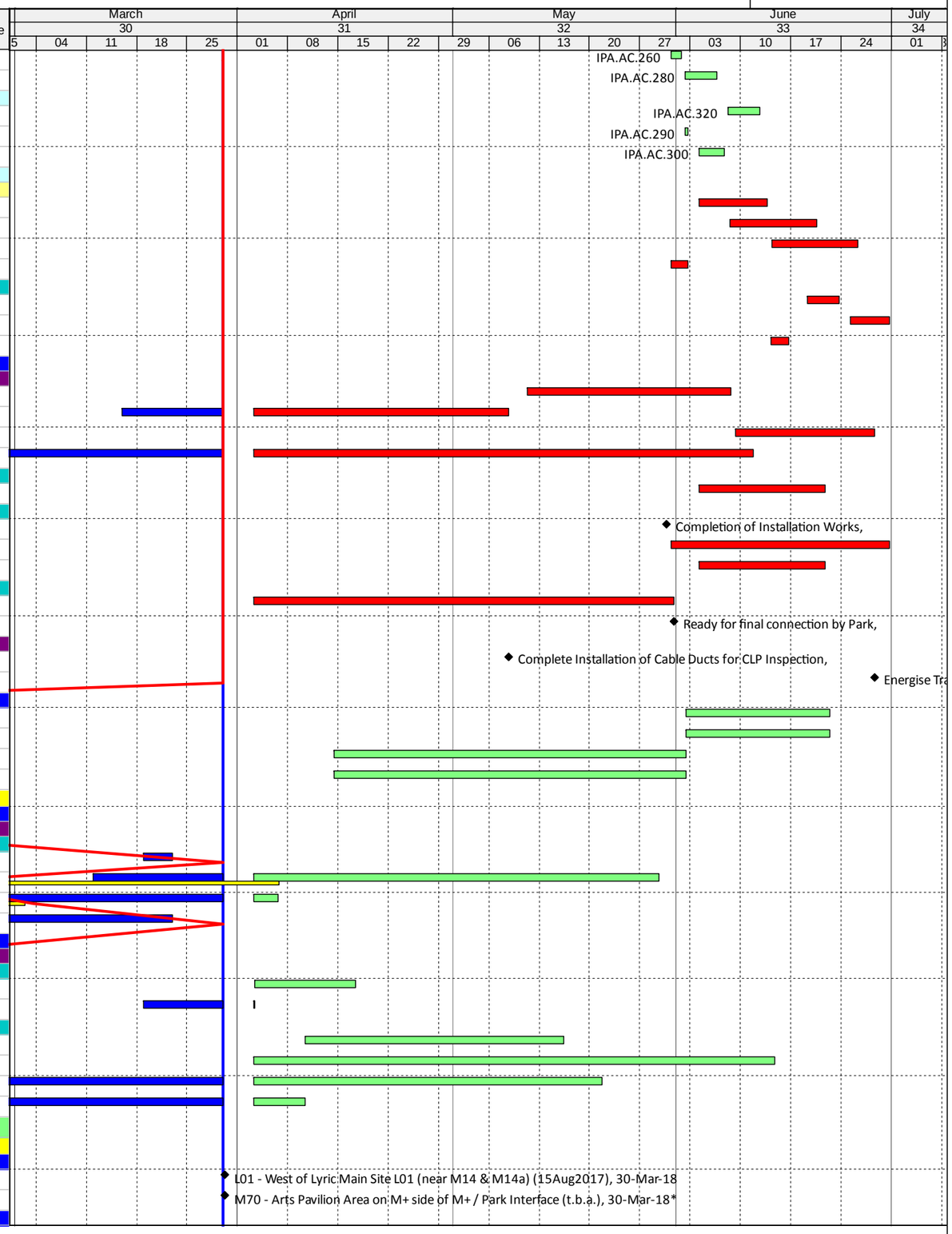
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Backfill-1									
Low level (Area 2)									
IPA.AA.2	Backfill with soil & SRT	0			17-Jan-18 A	06-Apr-18	0%	80%	
IPA.AA.4	Form access road at low level	0			21-Mar-18 A	09-Apr-18	0%	10%	
High level									
Backfill									
IPA.AA.2	Backill with soil & SRT	0			22-Mar-18 A	07-Apr-18	0%	80%	
IPA.AA.2	Construct RC encasement	0			17-Jan-18 A	16-Mar-18 A	0%	100%	
IPA.AA.2	Place conc blocks	0			19-Mar-18 A	21-Mar-18 A	0%	100%	
Construction of IPA works									
IPA.AA.420	Complete HCC scope and Ready for Handover of Area A to F	0				03-May-18	0%	0%	
IPA.AA.360	Construct irrigation system	0			09-Apr-18	02-May-18	0%	0%	
IPA.AA.320	Construct Cable ducts & Draw pits i.e ICT, ELV, FTNS, lighting	0			22-Mar-18 A	26-Apr-18	0%	30%	
IPA.AA.340	Construct district wide CLP cable ducts & Draw pits	0			09-Apr-18	02-May-18	0%	0%	
IPA.AA.310	Construct drainage, catch pits & UC	0			22-Mar-18 A	26-Apr-18	0%	5%	
IPA.AA.390	Construct fencing	0			09-Apr-18	02-May-18	0%	0%	
IPA.AA.380	Construct fire mains	0			09-Apr-18	02-May-18	0%	0%	
IPA.AA.350	Construct light ducts & pole footings	0			22-Mar-18 A	26-Apr-18	0%	30%	
IPA.AA.370	Construct main path & secondary path	0			09-Apr-18	02-May-18	0%	0%	
IPA.AA.330	Construct Root Barriers	0			09-Apr-18	13-Apr-18	0%	0%	
IPA Area B - Earthwork									
Clear up & water proofing ICP & use as facade yard (High level - South)									
IPA.AB.90	Clear up Area B	0			03-Apr-18	09-Apr-18	0%	0%	
IPA.AB.70	Install water proofing, test, pour screeding (2 bays)	0			16-Jan-18 A	16-Mar-18 A	0%	100%	
IPA.AB.80	Local backfill & level the ground for formwork yard & facade	0			17-Mar-18 A	23-Mar-18 A	0%	100%	
Backfill to future formation level									
IPA.AB.120	Backfill with soil	0			26-Apr-18	18-May-18	0%	0%	
IPA.AB.110	Construct light weight concrete	0			20-Apr-18	25-Apr-18	0%	0%	
IPA.AB.100	Install ASC block and RC encase	0			10-Apr-18	19-Apr-18	0%	0%	
Construction of UU									
IPA.AB.140	Construct district wide CLP Cable ducts & Draw pits	0			14-Jun-18	18-Jul-18	0%	0%	
IPA.AB.130	Construct drainage, catch pits & UC	0			19-May-18	22-Jun-18	0%	0%	
IPA.AB.150	Construct light ducts & pole footings	0			29-Jun-18	24-Jul-18	0%	0%	
IPA Area C - Earthwork									
Backfill of soil as per temp profile									
IPA.AC.230	Backfill to design profile (deferred area)	0			18-May-18	30-May-18	0%	0%	
Construction of Storm Drain									
Between SE2.7 - DM52C (~39m)									
IPA.AC.1	Backfill & SRT	0			24-Apr-18	26-Apr-18	0%	0%	
IPA.AC.60	Excavate & install 1st strut	0			09-Apr-18	11-Apr-18	0%	0%	
IPA.AC.70	Excavate & install 2st strut	0			12-Apr-18	14-Apr-18	0%	0%	
IPA.AC.80	Excavate to formation & SRT & blinding	0			16-Apr-18	17-Apr-18	0%	0%	
IPA.AC.90	Install 1200mm pipes	0			18-Apr-18	20-Apr-18	0%	0%	
IPA.AC.50	Install sheet piles	0			03-Apr-18	07-Apr-18	0%	0%	
IPA.AC.1	Plug off manhole SE2.7 & DM52C	0			23-Apr-18	23-Apr-18	0%	0%	
IPA.AC.1	Remove sheet piles	0			27-Apr-18	28-Apr-18	0%	0%	
IPA.AC.1	Testing	0			21-Apr-18	21-Apr-18	0%	0%	
Construction of Sewer Drain									
Between F2.1E - SM19									
IPA.AC.2	Backfill & SRT & remove ELS	0			16-May-18	17-May-18	0%	0%	
IPA.AC.1	Exavate to formation & SRT & blinding	0			09-May-18	10-May-18	0%	0%	
IPA.AC.1	Excavate & install ELS (1st layer)	0			05-May-18	08-May-18	0%	0%	
IPA.AC.1	Install 300DI pipes	0			11-May-18	12-May-18	0%	0%	
IPA.AC.1	Install sheet piles	0			30-Apr-18	04-May-18	0%	0%	
IPA.AC.2	Plug off manhole F2.1E & SM19	0			15-May-18	15-May-18	0%	0%	
IPA.AC.2	Testing	0			14-May-18	14-May-18	0%	0%	
Construction of remaining UU									
IPA.AC.240	Construct drainage, catch pits & UC	0			31-May-18	20-Jun-18	0%	0%	
Construct district wide CLP ducts									
IPA.AC.3	Backfill & SRT	0			14-Jun-18	20-Jun-18	0%	0%	
IPA.AC.3	Lay ducts	0			09-Jun-18	13-Jun-18	0%	0%	
IPA.AC.2	Open cut to formation & SRT & blinding	0			31-May-18	08-Jun-18	0%	0%	
Construct light ducts & pole footings									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
IPA.AC.2(	Excavate to formation & SRT & blinding	0			31-May-18	01-Jun-18	0%	0%	
IPA.AC.2:	Install ducts & backfill	0			02-Jun-18	06-Jun-18	0%	0%	
Lighting cable ducts									
IPA.AC.3:	Construct lighting base	0			08-Jun-18	12-Jun-18	0%	0%	
IPA.AC.2(	Excavate to formation & SRT & blinding	0			02-Jun-18	02-Jun-18	0%	0%	
IPA.AC.3(	Install ducts & backfill	0			04-Jun-18	07-Jun-18	0%	0%	
Construction of EVA									
South side									
IPA.AC.3	Lay kerbs	0			04-Jun-18	13-Jun-18	0%	0%	
IPA.AC.3	Lay path base	0			08-Jun-18	20-Jun-18	0%	0%	
IPA.AC.3	Lay path surface	0			14-Jun-18	26-Jun-18*	0%	0%	
IPA.AC.2	Prepare formation and SRT	0			31-May-18	02-Jun-18	0%	0%	
Construction of remaining paths & EVA									
IPA.AC.380	Lay kerbs	0			19-Jun-18	23-Jun-18	0%	0%	
IPA.AC.390	Lay path base	0			25-Jun-18	30-Jun-18	0%	0%	
IPA.AC.360	Open cut to formation & SRT & blinding	0			14-Jun-18	16-Jun-18	0%	0%	
DCS Plant Feeding CHW to Park Freespace Building									
Construction									
DCS.170	Cable Laying (by CLP)	0			11-May-18	08-Jun-18	0%	0%	
DCS.160	Construct Civil Works	0			16-Mar-18 A	08-May-18	0%	60%	
DCS.220	Power On	0			09-Jun-18	28-Jun-18	0%	0%	
DCS.100	Short Pipe Fabrication and Delivery	0			19-Jan-18 A	11-Jun-18*	0%	0%	
DCS Plant									
DCS.120	Power on to Chilled Water Plant	0			04-Jun-18	21-Jun-18*	0%	0%	
Sea Water Pump Shell									
DCS.180	Completion of Installation Works	0				30-May-18*	0%	0%	
DCS.140	Pipe Flushing incl. Testing and Commissioning	0			31-May-18	30-Jun-18	0%	0%	
DCS.150	Power on to Sea Water Plant	0			04-Jun-18	21-Jun-18	0%	0%	
U/G chilled water pipes									
DCS.110	Pipe Flushing incl. Testing and Commissioning	0			03-Apr-18*	31-May-18*	0%	0%	
DCS.200	Ready for final connection by Park	0				31-May-18	0%	0%	
KD & MS									
DCS-01	Complete Installation of Cable Ducts for CLP Inspection	0				08-May-18*	0%	0%	
DCS-02	Energise Transformer Room TX C	0				28-Jun-18*	0%	0%	
ICP - External Envelope									
A37020	ICP - Facade Louvre Screen Final Cleaning	14	05-Dec-17	20-Dec-17	02-Jun-18	22-Jun-18	100%	0%	-144
A37000	ICP - GRC Facade Final Cleaning	14	05-Dec-17	20-Dec-17	02-Jun-18	22-Jun-18	100%	0%	-144
A37010	ICP - Install Facade Louvre Screen	36	23-Oct-17	04-Dec-17	14-Apr-18	02-Jun-18	100%	0%	-142
A36990	ICP - Install GRC Architectural Louvre & Bracket	36	23-Oct-17	04-Dec-17	14-Apr-18	02-Jun-18	100%	0%	-142
External Works									
SPS									
SPS - G/F External Utilities & Roadworks									
Works Above SPS and ICP at Portion A									
A37330	Portion A - Above Slab Utilities & Fire Hydrant	54	21-Nov-17	26-Jan-18	19-Mar-18 A	23-Mar-18 A	100%	100%	-44
A37350	Portion A - EVA Carriageway / Roadworks	54	26-Jan-18	06-Apr-18	12-Mar-18 A	29-May-18	94.44%	15%	-43
A37340	Portion A - Final backfilling	54	22-Dec-17	02-Mar-18	28-Oct-17 A	06-Apr-18	100%	95%	-26
A37320	Portion A - Waterproofing & Backfilling	53	20-Oct-17	22-Dec-17	08-Oct-17 A	23-Mar-18 A	100%	100%	-72
ICP									
ICP - G/F External Utilities & Roadworks									
Entrance Portal from At-grade Road									
A56630	ICP - Construct Entrance Carriageway	11	01-Dec-17	13-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-96
A56620	ICP - Final backfilling at Entrance Portal	2	29-Nov-17	30-Nov-17	19-Mar-18 A	03-Apr-18	100%	80%	-96
Works Above ICP at Portion B									
A37480	Portion B - Above Slab Utilities & Fire Hydrant	27	04-Dec-17	08-Jan-18	10-Apr-18	16-May-18	100%	0%	-102
A37500	Portion B - EVA Carriageway / Roadworks	54	28-Nov-17	01-Feb-18	03-Apr-18	14-Jun-18	100%	0%	-105
A37490	Portion B - Final backfilling	85	20-Oct-17	31-Jan-18	30-Aug-17 A	21-May-18	100%	0%	-86
A37470	Portion B - Waterproofing & Backfilling	27	03-Nov-17	04-Dec-17	23-Sep-17 A	10-Apr-18	100%	80%	-99
Co-ordinated External Works & Utilities Services Installation									
Interface Dates									
Access Dates									
A60730	L01 - West of Lyric Main Site L01 (near M14 & M14a) (15Au	0	20-Oct-17		30-Mar-18		100%	0%	-161
A25130	M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (	0	20-Oct-17		30-Mar-18*		100%	0%	-161
Vacation Date									



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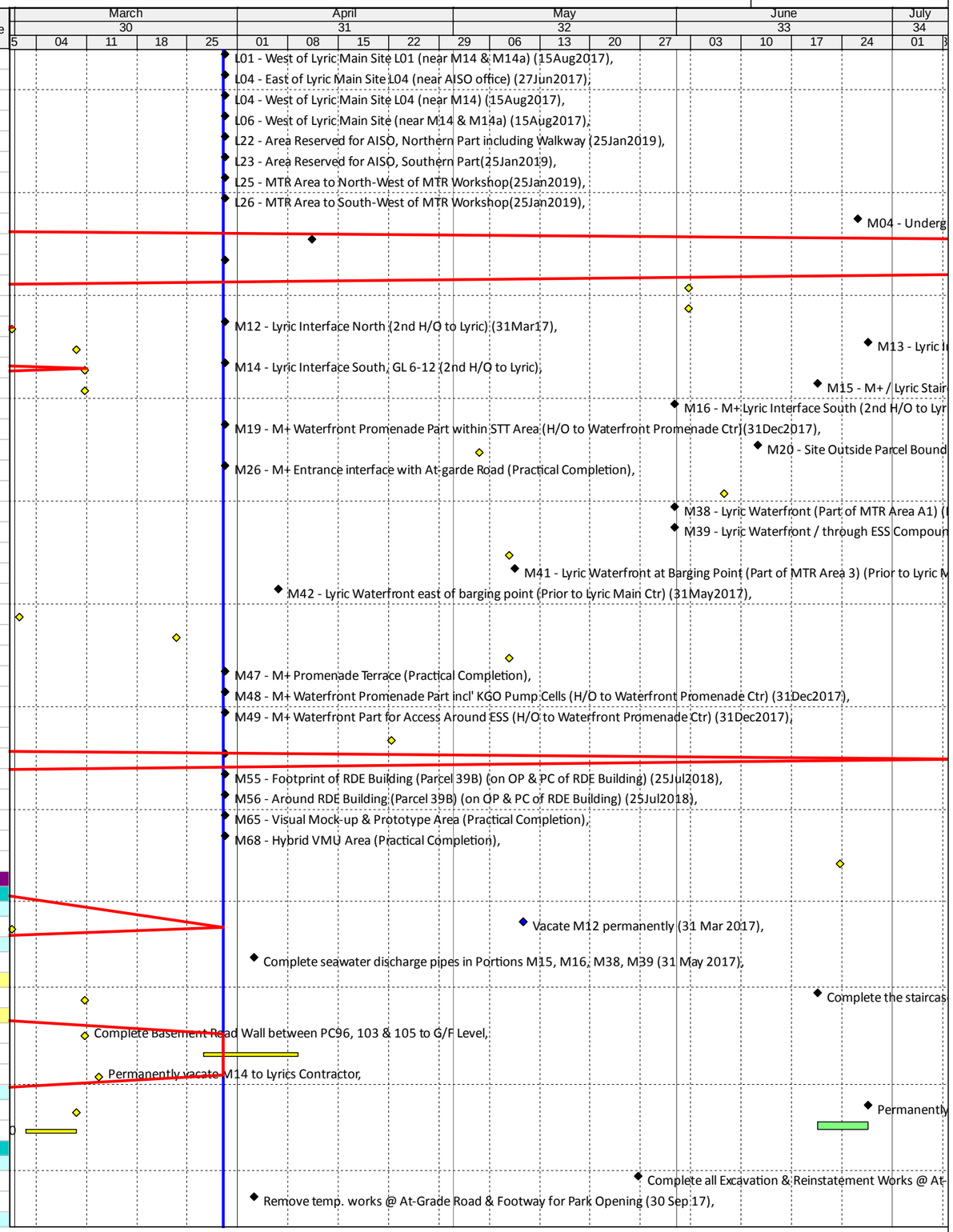
Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

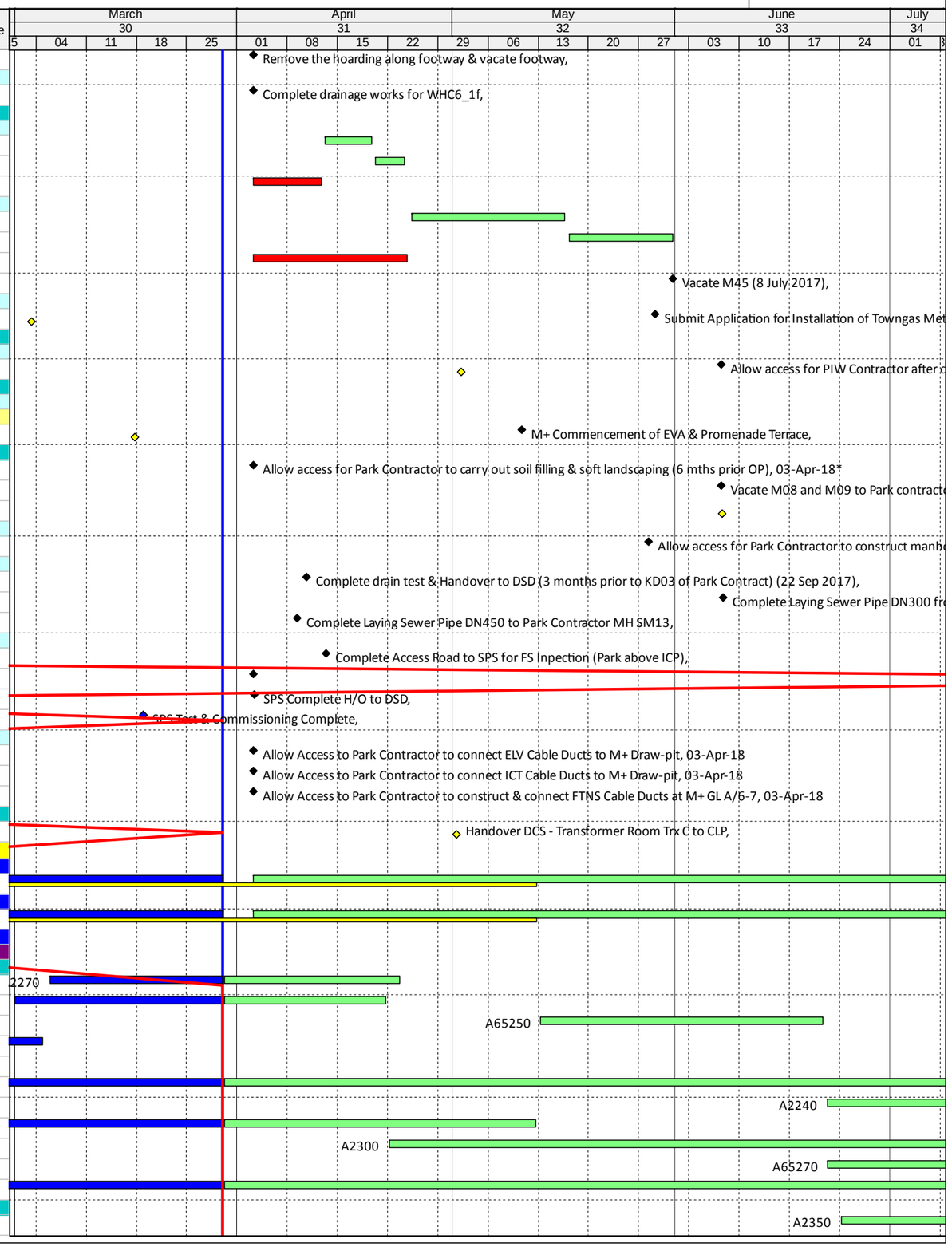
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A60770	L01 - West of Lyric Main Site L01 (near M14 & M14a) (15Au	0		01-Dec-17		30-Mar-18*	100%	0%	-118
A60740	L04 - East of Lyric Main Site L04 (near AISO office) (27Jun20	0		15-Nov-17		30-Mar-18	100%	0%	-135
A60750	L04 - West of Lyric Main Site L04 (near M14) (15Aug2017)	0		01-Dec-17		30-Mar-18*	100%	0%	-118
A60760	L06 - West of Lyric Main Site (near M14 & M14a) (15Aug20	0		01-Dec-17		30-Mar-18*	100%	0%	-118
A25910	L22 - Area Reserved for AISO, Northern Part including Walkv	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25920	L23 - Area Reserved for AISO, Southern Part(25Jan2019)	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25930	L25 - MTR Area to North-West of MTR Workshop(25Jan201	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25940	L26 - MTR Area to South-West of MTR Workshop(25Jan201	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25240	M04 - Underground Fuel Tank Area beside M+ Entrance Por	0		11-Jan-18		26-Jun-18	100%	0%	-165
A25260	M06 - ICP Entrance Portal beside At-grade Road, External (P	0		09-Nov-18		11-Apr-18	0%	0%	212
A25270	M07 - ICP Frontage beside At-grade Road (25Jan19)	0		09-Nov-18		30-Mar-18	0%	0%	224
A25290	M09 - Park Phase 3 Part at Proposed EVA to Waterfront (Re	0		02-Jun-18		28-Jul-18	0%	0%	-55
A25300	M10 - M+ Hoarded Area West of M+ Parcel Boundary (Refer	0		02-Jun-18		28-Jul-18	0%	0%	-55
A25320	M12 - Lyric Interface North (2nd H/O to Lyric) (31Mar17)	0		28-Feb-18		30-Mar-18	100%	0%	-29
A25330	M13 - Lyric Interface Over AEL (H/O to Lyric) (31Aug17)	0		09-Mar-18		27-Jun-18	100%	0%	-110
A25345	M14 - Lyric Interface South, GL 6-12 (2nd H/O to Lyric)	0		10-Mar-18		30-Mar-18	100%	0%	-19
A25370	M15 - M+ / Lyric Staircase (2nd H/O to Lyric) (25Jan19)	0		10-Mar-18		20-Jun-18	100%	0%	-102
A25390	M16 - M+ Lyric Interface South (2nd H/O to Lyric) (31May1	0		20-Oct-17		31-May-18*	100%	0%	-224
A25420	M19 - M+ Waterfront Promenade Part within STT Area (H/C	0		15-Feb-18		30-Mar-18	100%	0%	-42
A25430	M20 - Site Outside Parcel Boundary East of Promenade (H/(	0		04-May-18		12-Jun-18	0%	0%	-38
A25480	M26 - M+ Entrance interface with At-garde Road (Practical C	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25530	M32 - ICP & SPS, West of Existing Temporary Access Road (r	0		07-Jun-18		29-Jul-18	0%	0%	-51
A25550	M38 - Lyric Waterfront (Part of MTR Area A1) (H/O to Lyric)	0		20-Oct-17		31-May-18*	100%	0%	-224
A25560	M39 - Lyric Waterfront / through ESS Compound (H/O to Ly	0		20-Oct-17		31-May-18*	100%	0%	-224
A25570	M40 - Lyric Waterfront Part for Access Around ESS Compou	0		08-May-18		24-Aug-18	0%	0%	-108
A25580	M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3	0		06-Feb-18		09-May-18*	100%	0%	-92
A25590	M42 - Lyric Waterfront east of barging point (Prior to Lyric M	0		20-Oct-17		06-Apr-18*	100%	0%	-169
A25610	M44 - At-grade Road Footpath at ICP / SPS Frontage (H/O to	0		01-Mar-18		18-Jul-18	100%	0%	-138
A25620	M45 - At-grade Road Footpath along M+ Basement (H/O to	0		23-Mar-18		04-Aug-18	100%	0%	-134
A25630	M46 - M+ Waterfront Promenade Part incl' Existing MTR Pu	0		08-May-18		24-Aug-18	0%	0%	-108
A25640	M47 - M+ Promenade Terrace (Practical Completion)	0		08-Dec-17		30-Mar-18	100%	0%	-111
A25650	M48 - M+ Waterfront Promenade Part incl' KGO Pump Cells	0		08-Dec-17		30-Mar-18*	100%	0%	-111
A25660	M49 - M+ Waterfront Part for Access Around ESS (H/O to W	0		08-Dec-17		30-Mar-18	100%	0%	-111
A25690	M51 - Entrance to SPS within the ICP (H/O to Park) (29Jan2	0		22-Apr-18		29-Dec-18	0%	0%	-252
A25700	M54 - Internal of ICP (Practical Completion)	0		11-Jul-18		30-Mar-18	0%	0%	104
A25710	M55 - Footprint of RDE Building (Parcel 39B) (on OP & PC o	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25720	M56 - Around RDE Building (Parcel 39B) (on OP & PC of RDE	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25770	M65 - Visual Mock-up & Prototype Area (Practical Completi	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25810	M68 - Hybrid VMU Area (Practical Completion)	0		20-Oct-17		30-Mar-18	100%	0%	-161
A25860	M73 - M+ Waterfront Promenade Part Including Six Vacant	0		23-Jun-18		24-Aug-18	0%	0%	-62
Interface Schedule (Appedix D1 - 16 December 2015)									
Lyric Theatre Complex and Extended Basement (Lyric)									
Along Interface North of AEL									
A25970	Vacate M12 permanently (31 Mar 2017)	0		28-Feb-18		10-May-18 A	100%	100%	-56
Along Interface South of AEL									
A25990	Complete seawater discharge pipes in Portions M15, M16, I	0		20-Oct-17		03-Apr-18	100%	0%	-131
DCS Basement Area									
A26050	Complete the staircase and external wall and permanently v	0		10-Mar-18		20-Jun-18	100%	0%	-80
Grid 6 & 12 Area (Portion M14)									
A26070	Complete Basement Road Wall between PC96, 103 & 105 to	0		10-Mar-18		18-Dec-17 A	100%	100%	66
A26090	Install new hoarding between Portion M14 & M14a for vaca	7	27-Mar-18	09-Apr-18	16-Mar-17 A	24-Mar-17 A	42.19%	100%	305
A26100	Permanently vacate M14 to Lyrics Contractor	0		12-Mar-18		22-Dec-17 A	100%	100%	63
Along Interface Over of AEL									
A26120	Permanently vacate Portion M13 (31 Aug 2017)	0		09-Mar-18		27-Jun-18	100%	0%	-87
A26110	Remove all hoardings witin Portion M13	6	02-Mar-18	09-Mar-18	20-Jun-18	27-Jun-18	100%	0%	-87
PIW Phase 1									
Interfacing with PIW At-Grade Road Construction									
A26150	Complete all Excavation & Reinstatement Works @ At-grade	0		03-Jan-18		26-May-18*	100%	0%	-114
A26140	Remove temp. works @ At-Grade Road & Footway for Park	0		20-Oct-17		03-Apr-18*	100%	0%	-131
M+ North West Boundary Interface with Construction At-Grade Road by PIW									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A26160	Remove the hoarding along footway & vacate footway	0		20-Oct-17		03-Apr-18*	100%	0%	-131
M+ Drain Connection to PIW Drainage MH WHC6_1f									
A26200	Complete drainage works for WHC6_1f	0		06-Dec-17		03-Apr-18	100%	0%	-91
Towngas Interface PIW									
DN150 incoming gas main at Entrance Portal (CIV-DWG-0403)									
A26230	Allow Towngas to install gas main (By Towngas)	6	27-Oct-17	03-Nov-17	13-Apr-18	19-Apr-18	100%	0%	-133
A26240	Backfill Trench to Ground Levels	3	04-Nov-17	07-Nov-17	20-Apr-18	24-Apr-18	100%	0%	-133
A26220	Excavate Trench & Install Shoring for Gas Main @ Footway ("	6	20-Oct-17	26-Oct-17	03-Apr-18*	12-Apr-18	100%	0%	-133
DN150 incoming gas main for RDE (CIV-DWG-0404)									
A26260	Allow Towngas to install gas main (By Towngas)	6	06-Jan-18	12-Jan-18	25-Apr-18	16-May-18	100%	0%	-98
A26270	Backfill Trench to Ground Levels	3	13-Jan-18	16-Jan-18	17-May-18	31-May-18	100%	0%	-107
A26250	Excavate Trench & Install Shoring for Gas Main @ Footway ("	6	29-Dec-17	05-Jan-18	03-Apr-18*	24-Apr-18	100%	0%	-86
A26280	Vacate M45 (8 July 2017)	0		16-Jan-18		31-May-18	100%	0%	-107
Towngas Meter Application for M+									
A26290	Submit Application for Installation of Towngas Meter	0	03-Mar-18		29-May-18		100%	0%	-68
Power Interface with PIW									
Power interface with PIW - South of M+									
A26300	Allow access for PIW Contractor after completion of 11kV C	0	02-May-18		07-Jun-18		0%	0%	-30
Seawater Cooling Intake Pipes Interface PIW									
Civil Works Interface with PIW Watermain South of M+									
DN450 Fresh Water & DN450 Salt Water District Wide main South of M+ (Item51 - App D1)									
A26350	M+ Commencement of EVA & Promenade Terrace	0		17-Mar-18		10-May-18	100%	0%	-41
Park									
A26390	Allow access for Park Contractor to carry out soil filling & so	0	26-Jan-18		03-Apr-18*		100%	0%	-51
A26410	Vacate M08 and M09 to Park contractor (Park Remaining Pc	0		26-Jan-18		07-Jun-18	100%	0%	-104
A26400	Vacate M10, M26, M31 and M32 to Park contractor (EVA C	0		07-Jun-18		28-Jul-18	0%	0%	-42
Drainage Interface w/ Park PIW (SW of M+)									
A26420	Allow access for Park Contractor to construct manhole SE2.1	0	07-Feb-18		28-May-18		100%	0%	-84
Sewage Interface w/ Park PIW (SW of M+ & ICP SPS)									
A26450	Complete drain test & Handover to DSD (3 months prior to I	0		03-Jan-18		10-Apr-18	100%	0%	-76
A26430	Complete Laying Sewer Pipe DN300 from F2.1E to SM19	0		14-Nov-17		07-Jun-18	100%	0%	-164
A26440	Complete Laying Sewer Pipe DN450 to Park Contractor MH S	0		03-Jan-18		09-Apr-18	100%	0%	-74
SPS & Interface Carpark Interface w/ Park									
A26500	Complete Access Road to SPS for FS Inpection (Park above I	0		02-Nov-17		13-Apr-18	100%	0%	-129
A26510	Obtain necessary OP for ICP	0		09-Nov-18		03-Apr-18	0%	0%	181
A26490	SPS Complete H/O to DSD	0		11-Dec-17		03-Apr-18	100%	0%	-88
A26470	SPS Test & Commissioning Complete	0		11-Nov-17		19-Mar-18 A	100%	100%	-103
Telecoms Interface w/ Park PIW (W of M+)									
A26530	Allow Access to Park Contractor to connect ELV Cable Ducts	0	20-Oct-17		03-Apr-18		100%	0%	-131
A26520	Allow Access to Park Contractor to connect ICT Cable Ducts	0	20-Oct-17		03-Apr-18		100%	0%	-131
A26540	Allow Access to Park Contractor to construct & connect FTN	0	20-Oct-17		03-Apr-18		100%	0%	-131
CLP									
A26570	Handover DCS - Transformer Room Trx C to CLP	0		01-May-18		04-Dec-17 A	0%	100%	149
Pre-Construction Works									
Shop Drawings Submission & Approval									
PC-SDSA-1(	Shop drawings	164	20-Oct-17	12-May-18	03-Oct-16 A	20-Sep-18	79.88%	0%	-109
Method Statement & ITP Submission & Approval									
PC-MSSA-1	Method statement & ITP	164	20-Oct-17	12-May-18	03-Oct-16 A	20-Sep-18	79.88%	0%	-109
Landscaping Submission and Approval									
Landscaping Preliminaries									
Soft Landscaping									
A2270	Approval of grass paver materials	0			06-Mar-18 A	23-Apr-18	0%	72.22%	
A2190	Approval of green roof system materials	0			01-Mar-18 A	21-Apr-18	0%	74.44%	
A65250	Approval of plants	0			13-May-18	21-Jun-18	0%	0%	
A2260	Submission of grass paver materials	0			19-Feb-18 A	05-Mar-18 A	0%	100%	
A65260	Submission of green roof system materials	0			01-Nov-17 A	28-Feb-18 A	0%	100%	
A2220	Submission of green wall materials & drawings	0			19-Feb-18 A	13-Jul-18	0%	0%	
A2240	Submission of hydroseeding materials	0			22-Jun-18	25-Aug-18	0%	0%	
A65240	Submission of plant photos	0			01-Dec-17 A	12-May-18	0%	51.11%	
A2300	Submission of Procurement of material	0			22-Apr-18	21-Sep-18	0%	0%	
A65270	Submission of soiling material	0			22-Jun-18	21-Aug-18	0%	0%	
A2200	Submission of vertical greening materials & drawings	0			19-Feb-18 A	14-Jul-18	0%	0%	
Irrigation System									
A2350	Approval of irrigation system drawings	0			24-Jun-18	21-Sep-18	0%	0%	



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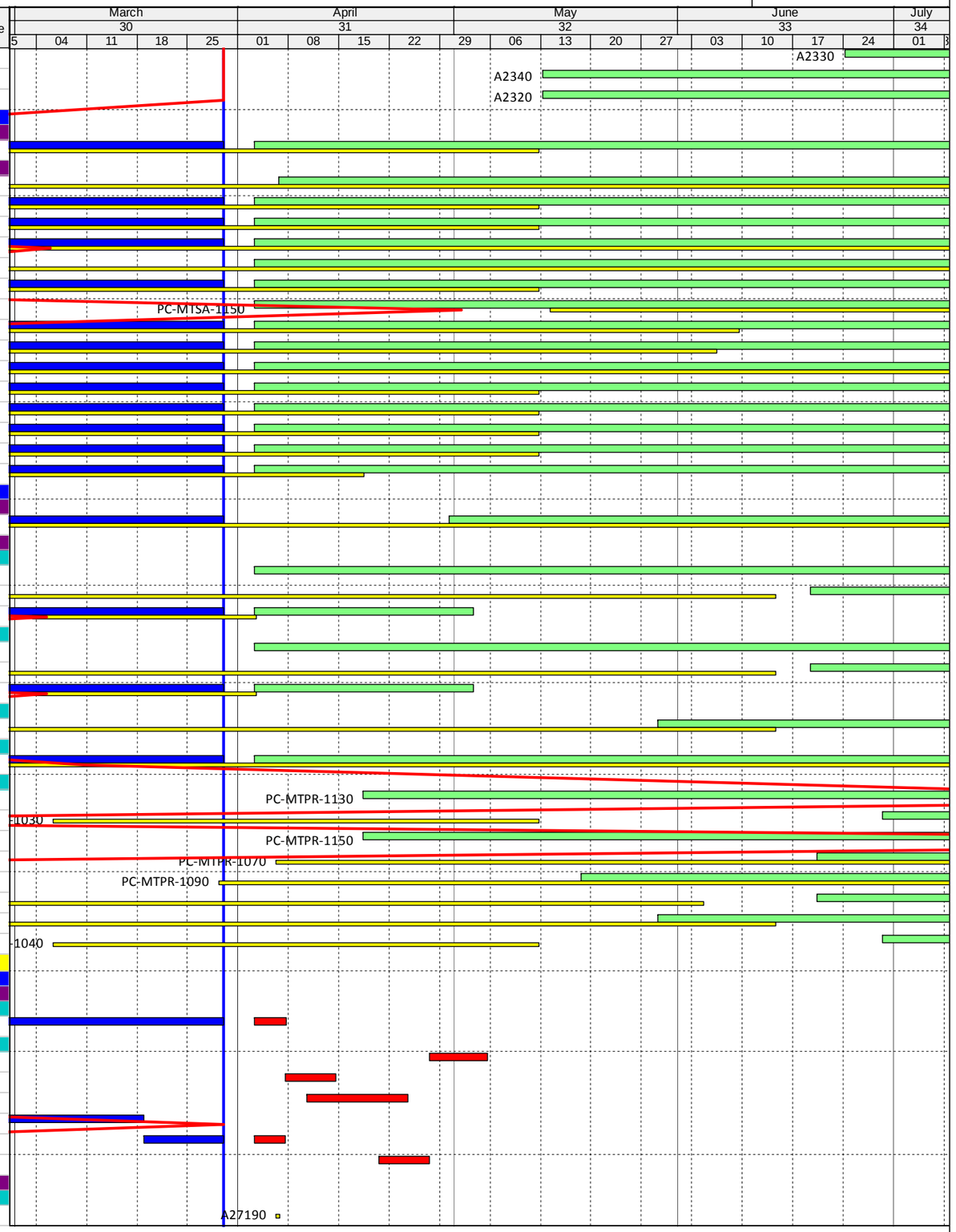
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A2330	Approval of irrigation system materials	0			24-Jun-18	21-Sep-18	0%	0%	
A2340	Submission of irrigation system drawings	0			13-May-18	10-Aug-18	0%	0%	
A2320	Submission of irrigation system materials	0			13-May-18	10-Aug-18	0%	0%	
Materials Submission & Approval									
General Items									
PC-MTSA-:	General materials	164	20-Oct-17	12-May-18	03-Oct-16 A	20-Sep-18	79.88%	0%	-109
Long Lead Items									
PC-MTSA-:	Carpet, linoleum & mats	216	14-Nov-17	09-Aug-18	06-Apr-18	18-Dec-18	50.98%	0%	-109
PC-MTSA-:	Door Ironmongeries	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Doors	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Fabric	211	31-Jan-18	19-Oct-18	15-May-17 A	16-Nov-18	22.27%	0%	-24
PC-MTSA-:	FF&E Items (seating/ cushion, curtain, blinds, etc)	174	19-Jan-18	23-Aug-18	03-Apr-18	31-Oct-18	32.5%	0%	-57
PC-MTSA-:	Fire shutters	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Fixed & loose furniture	177	14-May-18	12-Dec-18	03-Apr-18	03-Nov-18	0%	0%	33
PC-MTSA-:	Glazing works	156	25-Nov-17	09-Jun-18	09-Mar-17 A	22-Aug-18	64.32%	27%	-61
PC-MTSA-:	Metal ceiling	126	29-Dec-17	06-Jun-18	10-Apr-17 A	24-Jul-18	58.47%	43%	-39
PC-MTSA-:	Raised floor system	160	15-Jan-18	02-Aug-18	27-Apr-17 A	06-Oct-18	37.71%	4%	-54
PC-MTSA-:	Security shutters (Lateral sliding type)	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Security shutters (Top-mounted)	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Smoke curtain	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Tiling works	164	20-Oct-17	12-May-18	03-Oct-16 A	01-Sep-18	79.88%	53%	-92
PC-MTSA-:	Timber (floor, wall & ceiling)	134	01-Nov-17	18-Apr-18	13-Feb-17 A	31-Jul-18	90.8%	39%	-85
Procurement									
General Items									
PC-MTPR-:	General items	203	07-Dec-17	16-Aug-18	17-Nov-16 A	09-Nov-18	44.83%	40%	-70
Long Lead Items									
Doors									
PC-MTPR-	Priority Doors (for Mechanical Rooms)	80	03-Nov-17	08-Feb-18	03-Apr-18	10-Jul-18	100%	0%	-120
PC-MTPR-	Remaining Doors	116	19-Jan-18	14-Jun-18	19-Jun-18	06-Nov-18	48.56%	0%	-119
PC-MTPR-	Transformer Room Doors	23	03-Mar-18	03-Apr-18	09-Feb-17 A	03-May-18	98.07%	0%	-25
Ironmongeries									
PC-MTPR-	Priority Door Ironmongeries (for Mechanical Rooms)	80	03-Nov-17	08-Feb-18	03-Apr-18	10-Jul-18	100%	0%	-120
PC-MTPR-	Remaining Door Ironmongeries	116	19-Jan-18	14-Jun-18	19-Jun-18	06-Nov-18	48.56%	0%	-119
PC-MTPR-	Transformer Room Door Ironmongeries	23	03-Mar-18	03-Apr-18	09-Feb-17 A	03-May-18	98.07%	68.75%	-25
Tiling Works									
PC-MTPR-	Other Tiling Areas	107	30-Jan-18	14-Jun-18	29-May-18	04-Oct-18	44.24%	0%	-92
Timber (Floor, Wall & Ceiling)									
PC-MTPR-	Timber for Benchmark Toilet/ Toilet Lobby @ B2/F)	169	22-Jan-18	18-Aug-18	05-May-17 A	11-Sep-18	32.54%	0%	-19
Other Long Lead Items									
PC-MTPR-	FF&E Items (seating/ cushion, curtain, blinds, etc)	107	27-Oct-18	08-Mar-19	18-Apr-18	24-Aug-18	0%	0%	159
PC-MTPR-	Fire shutters	54	06-Mar-18	12-May-18	29-Jun-18	01-Sep-18	38.89%	0%	-92
PC-MTPR-	Fixed & loose furniture	149	13-Dec-18	19-Jun-19	18-Apr-18	02-Oct-18	0%	0%	209
PC-MTPR-	Glazing works	107	06-Apr-18	13-Aug-18	20-Jun-18	27-Oct-18	0%	0%	-61
PC-MTPR-	Metal ceiling	80	29-Mar-18	09-Jul-18	18-May-18	23-Aug-18	1.25%	0%	-39
PC-MTPR-	Security shutters (Lateral sliding type)	80	23-Feb-18	04-Jun-18	20-Jun-18	22-Sep-18	36.53%	0%	-92
PC-MTPR-	Security Shutters (Top mounted)	107	30-Jan-18	14-Jun-18	29-May-18	04-Oct-18	44.24%	0%	-92
PC-MTPR-	Smoke curtain	54	06-Mar-18	12-May-18	29-Jun-18	01-Sep-18	38.89%	0%	-92
Construction									
Seawater Outfall Pipe									
Construction at CH0+66 to CH0+108									
Trench Excavation & Pipe works (CH0+66 to CH0+102)									
A26700	Remaining Works (according to GCL Cofferdam Works)	75	20-Oct-17	19-Jan-18	05-Jan-18 A	07-Apr-18	100%	50%	-60
Construct Cofferdam & Pipe works for Lead In (CH0+102 to CH0+108)									
A26890	Back Filling to Ground Level	2	18-Jan-18	19-Jan-18	27-Apr-18	05-May-18	100%	0%	-83
A26860	Construct 2 Nos of Bend Block	6	21-Dec-17	29-Dec-17	07-Apr-18	14-Apr-18	100%	0%	-83
A26870	Construct Valve Chamber	9	30-Dec-17	10-Jan-18	10-Apr-18	24-Apr-18	100%	0%	-82
A26790	Excavate from +3.5mPD to -3.70mPD	6	15-Nov-17	21-Nov-17	01-Feb-18 A	19-Mar-18 A	100%	100%	-94
A26850	Pipe Laying & Associated Works	4	16-Dec-17	20-Dec-17	19-Mar-18 A	07-Apr-18	100%	10%	-83
A26880	Pressure Test	6	11-Jan-18	17-Jan-18	20-Apr-18	27-Apr-18	100%	0%	-79
Construction at CH0+0 to CH66									
Trench Excavation & Pipe works CH0+0 to CH0+32									
A27190	Back Filling to 1st layer Struts	1	06-Apr-18	06-Apr-18	10-Jul-18	11-Jul-18	0%	0%	-78



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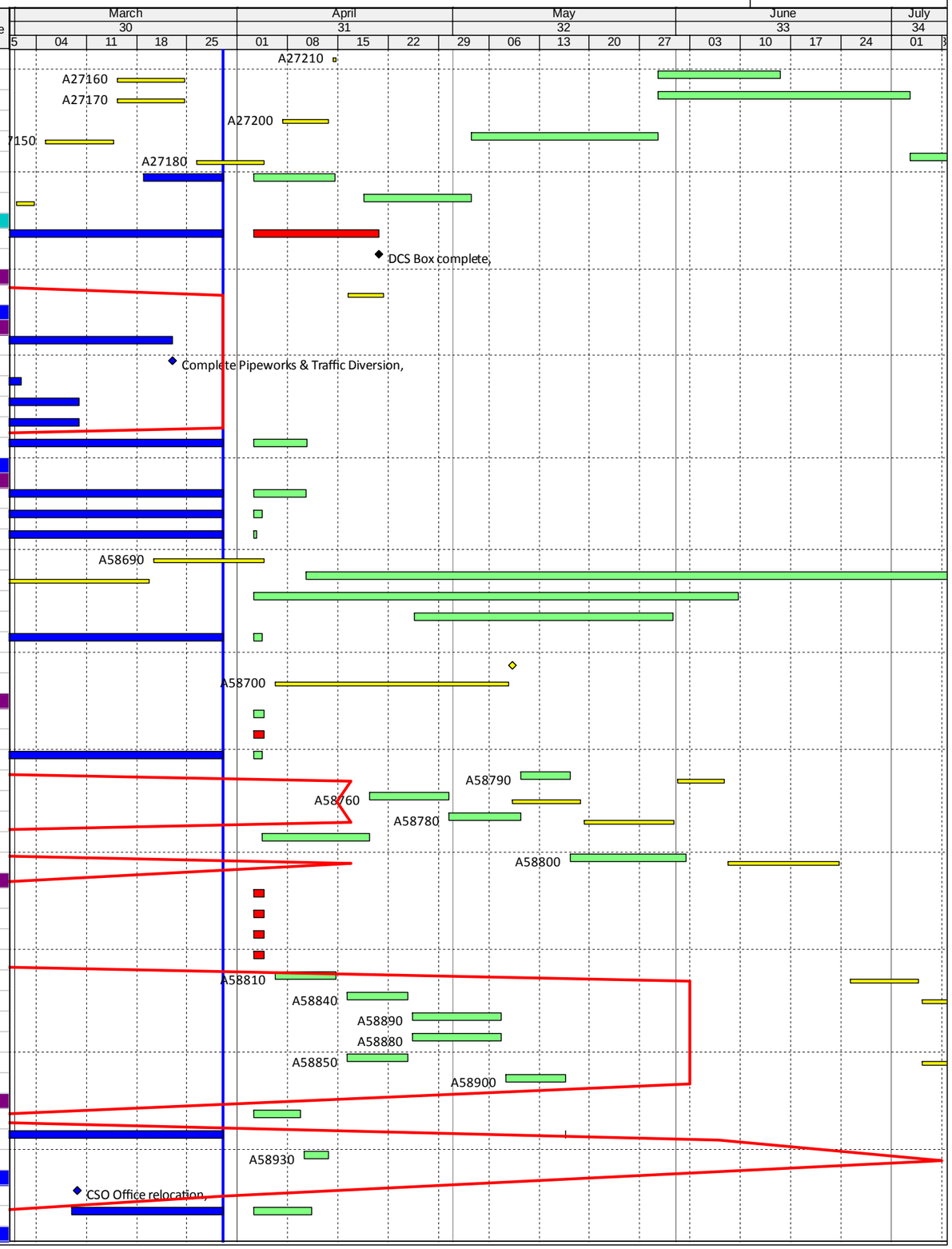
A27210	Back Filling to GL	1	14-Apr-18	14-Apr-18	18-Jul-18	19-Jul-18	0%	0%	-78
A27160	Construct Bend Blocks	9	15-Mar-18	24-Mar-18	29-May-18	15-Jun-18	100%	0%	-65
A27170	Construct Wash Out Chamber	9	15-Mar-18	24-Mar-18	29-May-18	03-Jul-18	100%	0%	-78
A27200	Dismantle 1st Layer Struts & Wailing	6	07-Apr-18	13-Apr-18	11-Jul-18	18-Jul-18	0%	0%	-78
A27150	Pipe Laying & Associated Works	9	05-Mar-18	14-Mar-18	03-May-18	29-May-18	100%	0%	-59
A27180	Pressure Test	6	26-Mar-18	04-Apr-18	03-Jul-18	10-Jul-18	66.67%	0%	-78
A27110	Trench @GL +5.0mPD to +4.0mPD	3	30-Jan-18	01-Feb-18	19-Mar-18 A	14-Apr-18	100%	20%	-55
A27140	Trench Excavation@+4.0mPD to +1.06mPD	3	01-Mar-18	03-Mar-18	18-Apr-18	03-May-18	100%	0%	-47
DCS Box (Portion M15&M16)									
A27290	Construct remaining wall & roof	9	20-Oct-17	31-Oct-17	26-Aug-17 A	20-Apr-18	100%	0%	-137
A27300	DCS Box complete	0		31-Oct-17		20-Apr-18	100%	0%	-137
Construction at Grade CH0+108 to CH0+158									
A27340	Pipe Connection to DCS	5	16-Apr-18	21-Apr-18	08-Oct-17 A	13-Oct-17 A	0%	100%	152
Seawater Intake Pipe Works									
Construction of Seawater Intake Pipe									
A27500	Backfill to +2.0mPD	2	04-Nov-17	06-Nov-17	18-Jul-17 A	23-Mar-18 A	100%	100%	-111
A27520	Complete Pipeworks & Traffic Diversion	0		10-Nov-17		23-Mar-18 A	100%	100%	-107
A27480	Construct Thrust Blocks	4	25-Oct-17	30-Oct-17	22-Jun-17 A	02-Mar-18 A	100%	100%	-99
A27460	Lay DN100 Chlorination Pipe	4	20-Oct-17	24-Oct-17	22-Jun-17 A	10-Mar-18 A	100%	100%	-110
A27470	Lay DN28 Cleansing Pipe	4	20-Oct-17	24-Oct-17	22-Jun-17 A	10-Mar-18 A	100%	100%	-110
A27490	Pressure Testing and Inspection	4	31-Oct-17	03-Nov-17	22-Jun-17 A	10-Apr-18	100%	0%	-125
Seawater Pump Cell									
BME									
A58620	Builder's work	8	24-Oct-17	02-Nov-17	29-Aug-17 A	10-Apr-18	100%	20%	-126
A58630	Delivery of DI pipe	2	20-Oct-17	21-Oct-17	29-Dec-17 A	04-Apr-18	100%	30%	-130
A58610	Dismantle the existing unused Equipment	3	20-Oct-17	23-Oct-17	23-Jun-17 A	03-Apr-18	100%	95%	-129
A58690	Hydraulic Test of DI pipe	11	20-Mar-18	04-Apr-18	11-Jul-18	24-Jul-18	81.82%	0%	-90
A58640	Install DI pump	111	03-Nov-17	19-Mar-18	10-Apr-18	11-Jul-18	100%	0%	-90
A58670	Install electrical & Control	56	11-Nov-17	19-Jan-18	03-Apr-18	09-Jun-18	100%	0%	-112
A58680	Install Pump motor	29	04-Dec-17	10-Jan-18	25-Apr-18	31-May-18	100%	0%	-112
A58660	Install sea water pump	2	20-Oct-17	21-Oct-17	29-Dec-17 A	04-Apr-18	100%	40%	-130
A59100	Supply Sea water to DCS	0		09-May-18		24-Aug-18	0%	0%	-108
A58700	T&C of Sea water Pump	27	06-Apr-18	08-May-18	24-Jul-18	24-Aug-18	0%	0%	-90
Plumbing & Drainage									
A58750	Delivery of Pipes and Fittings	2	09-Nov-17	10-Nov-17	03-Apr-18	04-Apr-18	100%	0%	-115
A58770	Delivery of Sump Pump Panels	2	20-Nov-17	21-Nov-17	03-Apr-18*	04-Apr-18	100%	0%	-106
A58730	Delivery of Sump Pumps	2	20-Oct-17	21-Oct-17	29-Dec-17 A	04-Apr-18	100%	40%	-130
A58790	Hydraulic Test (Cleansing Pipes)	6	01-Jun-18	07-Jun-18	10-May-18	17-May-18	0%	0%	18
A58760	Install Pipes and Fittings	9	09-May-18	18-May-18	19-Apr-18	30-Apr-18	0%	0%	16
A58780	Install Sump Pump Panels	10	19-May-18	31-May-18	30-Apr-18	10-May-18	0%	0%	18
A58740	Install Sump Pumps	25	23-Oct-17	21-Nov-17	04-Apr-18	19-Apr-18	100%	0%	-117
A58800	T&C of Sump Pumps	13	08-Jun-18	23-Jun-18	17-May-18	02-Jun-18	0%	0%	18
Electrical Works									
A58830	Delivery of Cable Tray	2	28-Dec-17	29-Dec-17	03-Apr-18*	04-Apr-18	100%	0%	-75
A58870	Delivery of Lighting Fitting and Exit sign	2	06-Jan-18	08-Jan-18	03-Apr-18*	04-Apr-18	100%	0%	-68
A58860	Delivery of MCB Board	2	06-Jan-18	08-Jan-18	03-Apr-18*	04-Apr-18	100%	0%	-68
A58820	Delivery of Power Cable	2	28-Dec-17	29-Dec-17	03-Apr-18*	04-Apr-18	100%	0%	-75
A58810	Dismantle the existing unused Equipment	8	25-Jun-18	04-Jul-18	06-Apr-18	14-Apr-18	0%	0%	65
A58840	Install Cable Tray and Power Cable	8	05-Jul-18	13-Jul-18	16-Apr-18	24-Apr-18	0%	0%	65
A58890	Install Lighting Fitting and Wiring Accessories	10	14-Jul-18	25-Jul-18	25-Apr-18	07-May-18	0%	0%	65
A58880	Install MCB Board	10	14-Jul-18	25-Jul-18	25-Apr-18	07-May-18	0%	0%	65
A58850	Install Surface Conduit and wiring Cable	8	05-Jul-18	13-Jul-18	16-Apr-18	24-Apr-18	0%	0%	65
A58900	T&C of Electrical Works	8	26-Jul-18	03-Aug-18	08-May-18	16-May-18	0%	0%	65
Fire Service Works									
A58920	Deliver and Install heat detection system	5	30-Jan-18	03-Feb-18	03-Apr-18	09-Apr-18	100%	0%	-48
A58910	Dismantle the existing unused Equipment	4	04-Aug-18	08-Aug-18	26-Feb-18 A	16-May-18	0%	95%	69
A58930	T&C of heat detection system	4	09-Aug-18	13-Aug-18	10-Apr-18	13-Apr-18	0%	0%	100
Demolition of CSO Office									
A27760	CSO Office relocation	0		02-Jan-18		09-Mar-18 A	100%	100%	-54
A27770	Demolish Existing CSO Office	32	02-Jan-18	08-Feb-18	09-Mar-18 A	11-Apr-18	100%	80%	-45
Sewerage									



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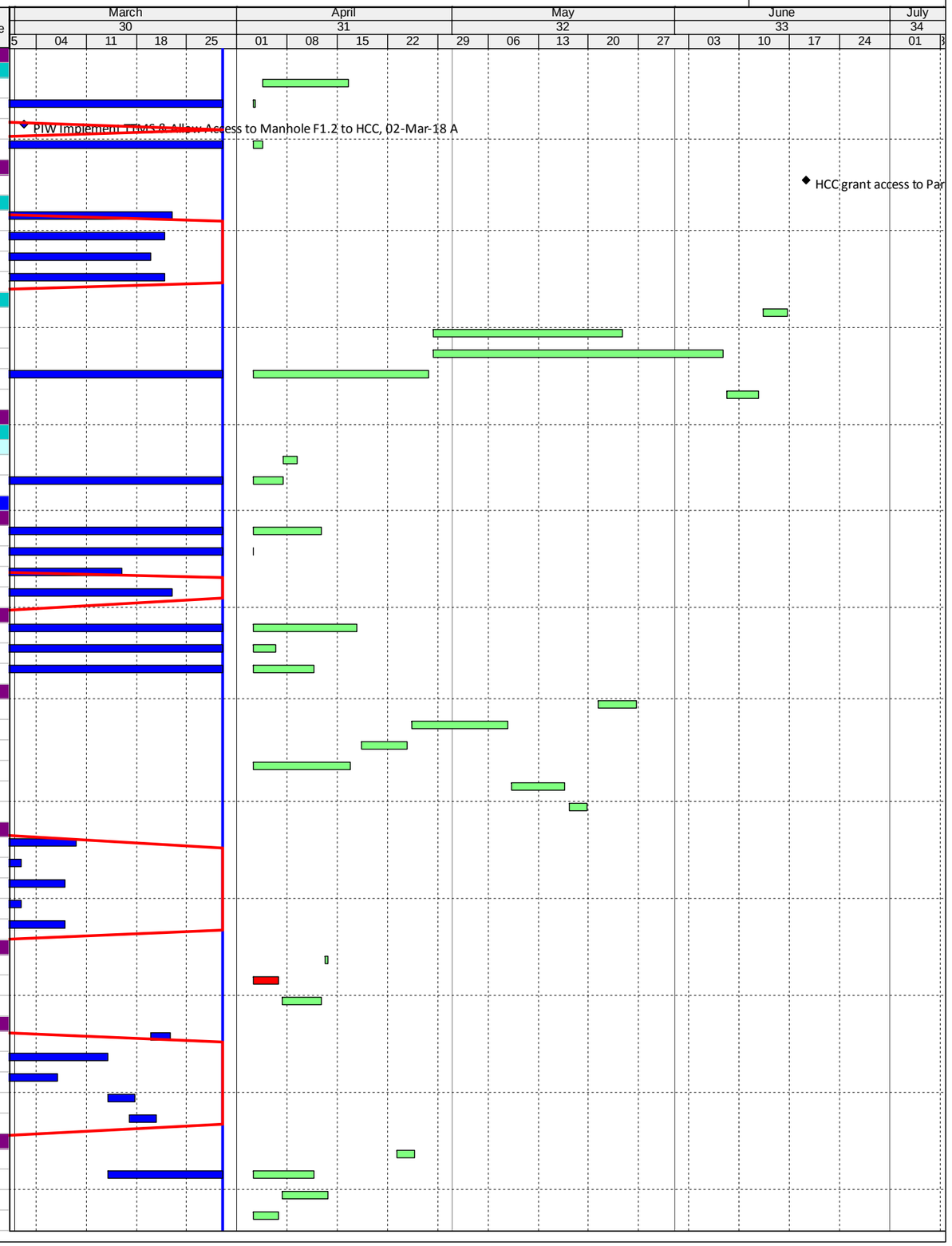
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

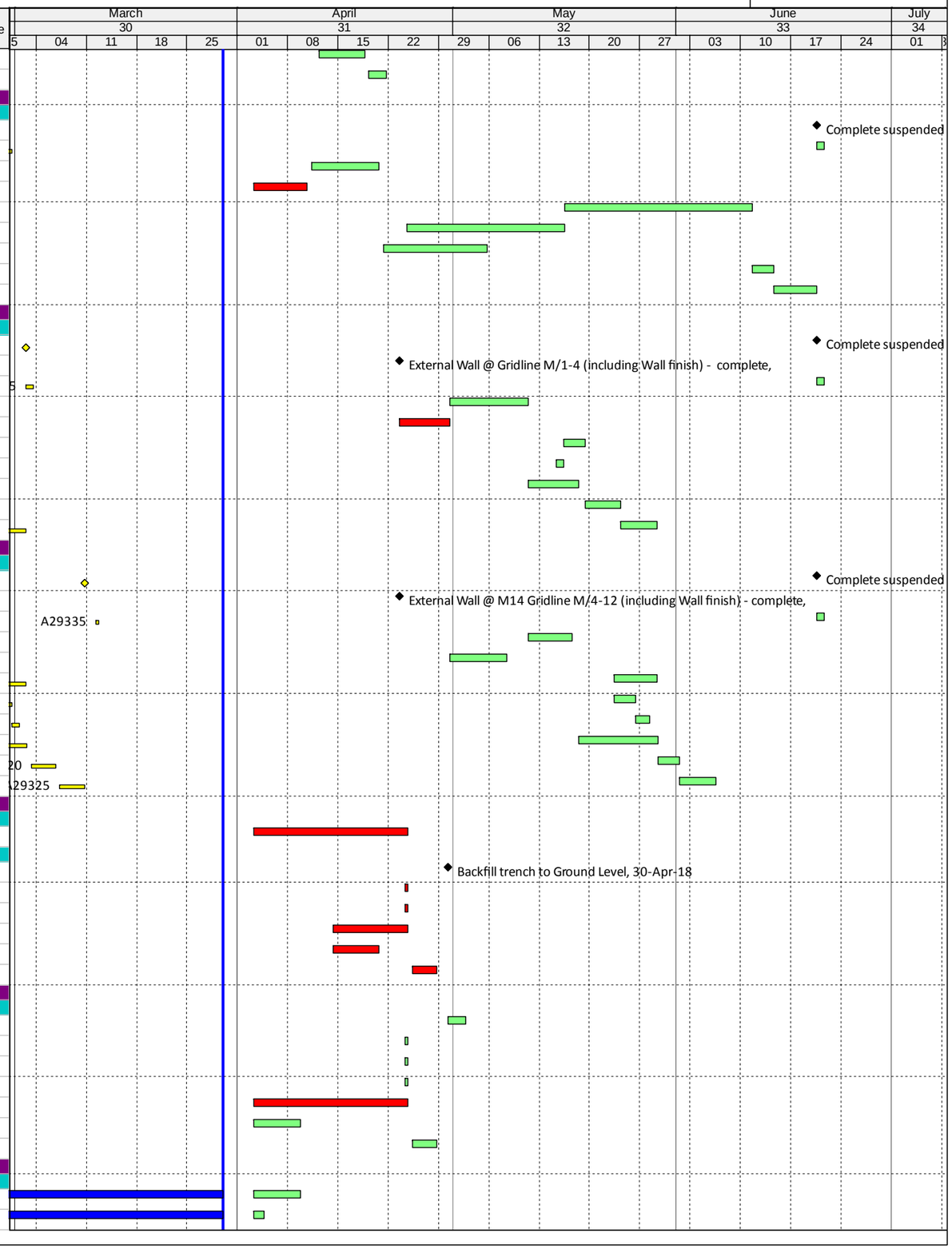
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Sewerage Interface with PIW & F2 Contractor									
Sewerage at Austin Road West (Portion L08)									
A27860	Back fill & Reinstate pavement / Reinstate Planter	8	08-Dec-17	16-Dec-17	04-Apr-18	16-Apr-18	100%	0%	-93
A27870	HCC connect DN375 to F1.2	1	18-Dec-17	18-Dec-17	02-Jan-18 A	03-Apr-18	100%	50%	-82
A27790	PIW Implement TTMS & Allow Access to Manhole F1.2 to H	0	20-Oct-17		02-Mar-18 A		100%	100%	-107
A27850	Pressure Test	3	05-Dec-17	07-Dec-17	27-Dec-17 A	04-Apr-18	100%	50%	-92
Sewerage at Portion M01, Gridline A / 3-14									
A27940	HCC grant access to Park Contractor for SM100 constructior	0	22-Nov-17		19-Jun-18		100%	0%	-166
MH F2.1D to MH F2.1C									
A28140	Backfill to ground level	3	08-Nov-17	10-Nov-17	16-Jan-18 A	23-Mar-18 A	100%	100%	-107
A28100	Construct Manhole F2.1D	9	24-Oct-17	03-Nov-17	12-Jan-18 A	22-Mar-18 A	100%	100%	-112
A28110	Lay Sewerage Pipe DN375 between MH F2.1D to F2.1C (Ap	4	24-Oct-17	27-Oct-17	12-Jan-18 A	20-Mar-18 A	100%	100%	-115
A28130	Pressure Test	3	04-Nov-17	07-Nov-17	15-Jan-18 A	22-Mar-18 A	100%	100%	-109
MH F2.1E to MH F2.1D									
A28190	Backfill to ground level	3	18-Nov-17	21-Nov-17	13-Jun-18	16-Jun-18	100%	0%	-166
A28160	Construct Manholes F2.1E	6	08-Nov-17	14-Nov-17	28-Apr-18	24-May-18	100%	0%	-152
A28170	Lay Sewerage Pipe between MH F2.1E to F2.1D (DN375mm	6	08-Nov-17	14-Nov-17	28-Apr-18	07-Jun-18	100%	0%	-164
A28150	Manhole & Trench Excavation for Sewerage Pipe between M	3	04-Nov-17	07-Nov-17	02-Jan-18 A	27-Apr-18	100%	0%	-137
A28180	Pressure Test	3	15-Nov-17	17-Nov-17	08-Jun-18	12-Jun-18	100%	0%	-165
Sewerage at Portion M05 & M27									
MH SM21A to Interface MH SM13									
Construction									
A28510	Backfill to formation level	5	28-Dec-17	03-Jan-18	07-Apr-18	09-Apr-18	100%	0%	-74
A28470	Remaining works between SM21A to SM13	16	23-Nov-17	11-Dec-17	26-Feb-18 A	07-Apr-18	100%	20%	-90
Storm Drainage									
Storm Drain DN750 along Gridline A/3-11 (MH S2.4 to S2.6)									
A28560	Backfill to existing ground level	5	21-Nov-17	27-Nov-17	21-Nov-17 A	12-Apr-18	100%	0%	-107
A28530	Construct Manhole S2.4 & S2.6	11	20-Oct-17	02-Nov-17	20-Oct-17 A	03-Apr-18	100%	100%	-120
A28540	Lay DN700 pipe from Manholes S2.4 to S2.6 (Approx. 78m)	13	02-Nov-17	17-Nov-17	02-Nov-17 A	16-Mar-18 A	100%	100%	-95
A28550	Pressure Test	3	17-Nov-17	21-Nov-17	17-Nov-17 A	23-Mar-18 A	100%	100%	-98
Storm Drain DN1050 along Gridline A/11-14 (MH S2.6 to S2.6A to S2.7 to S2.8)									
A28610	Backfill to existing ground level	5	19-Dec-17	27-Dec-17	14-Dec-17 A	17-Apr-18	100%	0%	-87
A28580	Construct Manhole S2.6a, S2.7 & S2.8	11	24-Nov-17	07-Dec-17	11-Dec-17 A	06-Apr-18	100%	80%	-93
A28600	Pressure Test	3	15-Dec-17	19-Dec-17	13-Dec-17 A	11-Apr-18	100%	0%	-87
Storm Drain DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7)									
A28670	Backfill to existing ground level	5	01-Feb-18	07-Feb-18	21-May-18	26-May-18	100%	0%	-84
A28640	Construct Manhole S2.9a & SE2.7	11	08-Jan-18	20-Jan-18	25-Apr-18	08-May-18	100%	0%	-84
A28630	Excavate to formation level & install shoring	6	30-Dec-17	08-Jan-18	18-Apr-18	24-Apr-18	100%	0%	-84
A28620	Excavate Trial Trench for existing underground utilities	11	15-Dec-17	30-Dec-17	03-Apr-18	16-Apr-18	100%	0%	-83
A28650	Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Ap	7	20-Jan-18	29-Jan-18	09-May-18	16-May-18	100%	0%	-84
A28660	Pressure Test	3	29-Jan-18	01-Feb-18	17-May-18	19-May-18	100%	0%	-84
Storm Drain DN600 along Gridline G-M/14 (MH S2.12 to S2.13)									
A28870	Backfill to existing ground level	3	29-Sep-17	03-Oct-17	08-Mar-17 A	09-Mar-18 A	100%	100%	-127
A28850	Construct Manhole S2.12 & S2.13	11	09-Sep-17	21-Sep-17	22-Jul-17 A	02-Mar-18 A	100%	100%	-129
A28840	Excavate to formation level	5	02-Sep-17	08-Sep-17	22-Jul-17 A	08-Mar-18 A	100%	100%	-146
A28830	Excavate Trial Trench	11	30-Oct-17	10-Nov-17	17-Jul-17 A	02-Mar-18 A	100%	100%	-89
A28860	Lay DN450 pipe from Manholes S2.13 to S2.12 (Approx.50	4	23-Sep-17	28-Sep-17	08-Apr-17 A	08-Mar-18 A	100%	100%	-129
Storm Drain at Gridline M/13									
A28900	Backfill to existing ground level	1	16-Nov-17	17-Nov-17	13-Apr-18	13-Apr-18	100%	0%	-116
A28880	Excavate and lay 225 U-Channel Drain with Gully Trap	3	07-Nov-17	10-Nov-17	03-Apr-18*	06-Apr-18	100%	0%	-116
A28890	Excavate trench and lay 150DN Pipe from Gully Trap to MH S	5	10-Nov-17	16-Nov-17	07-Apr-18	12-Apr-18	100%	0%	-116
Storm Drain DN600 along Gridline B-E/14 (MH S2.10 to S2.9c)									
A29010	Backfill to existing ground level	3	04-Nov-17	07-Nov-17	20-Mar-18 A	22-Mar-18 A	100%	100%	-110
A28980	Excavate to Formation Level	3	24-Oct-17	26-Oct-17	29-Jan-18 A	14-Mar-18 A	100%	100%	-111
A28970	Excavate Trial Trench	3	20-Oct-17	23-Oct-17	26-Jan-18 A	07-Mar-18 A	100%	100%	-108
A28990	Lay DN600 Pipe from MHS2.10 to S2.9c (Approx 30m)	3	27-Oct-17	31-Oct-17	14-Mar-18 A	17-Mar-18 A	100%	100%	-112
A29000	Pressure Test	3	01-Nov-17	03-Nov-17	17-Mar-18 A	20-Mar-18 A	100%	100%	-111
Storm Drain DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a)									
A29070	Backfill to existing ground level	3	21-Dec-17	23-Dec-17	23-Apr-18	25-Apr-18	100%	0%	-95
A29040	Construct Manhole S2.9b & S2.9c	14	24-Nov-17	09-Dec-17	14-Mar-18 A	11-Apr-18	100%	50%	-95
A29030	Excavate to formation level	6	17-Nov-17	23-Nov-17	07-Apr-18	13-Apr-18	100%	0%	-111
A29020	Excavate Trial Trench	3	14-Nov-17	16-Nov-17	03-Apr-18	06-Apr-18	100%	0%	-111



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

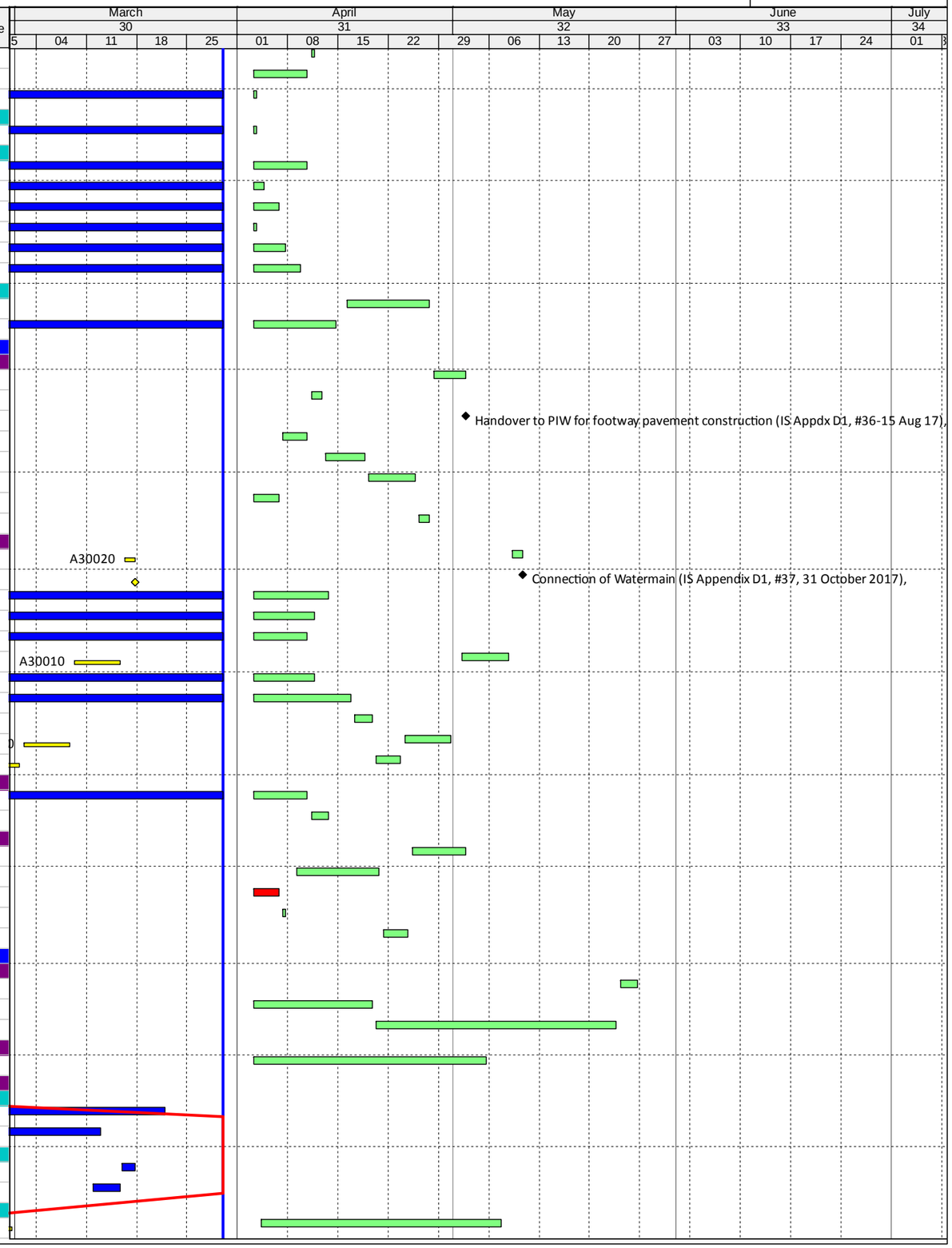
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A29050	Lay DN750 pipe from Manholes S2.9c to S2.9b to S2.9a (Ap	6	11-Dec-17	16-Dec-17	12-Apr-18	18-Apr-18	100%	0%	-95
A29060	Pressure Test	3	18-Dec-17	20-Dec-17	19-Apr-18	21-Apr-18	100%	0%	-95
Storm Drain DN450 suspended along Gridline J'/1'-M/1									
Storm Drain at Portion M12									
A29150	Complete suspended Storm Drain at Portion M12 & Remov	0		27-Feb-18		20-Jun-18	100%	0%	-90
A29155	Finish clear up @ M12	1	27-Feb-18	28-Feb-18	20-Jun-18	21-Jun-18	100%	0%	-90
A29100	Install Brackets for Suspension Pipe	9	25-Jan-18	03-Feb-18	11-Apr-18	20-Apr-18	100%	0%	-58
A29090	Install scaffolding @ M12	6	18-Jan-18	24-Jan-18	03-Apr-18*	10-Apr-18	100%	0%	-58
A29130	Install suspended vertical Draingage DN100 - 5 nos	5	09-Feb-18	15-Feb-18	16-May-18	11-Jun-18	100%	0%	-90
A29120	Install suspended vertical Rain Water Outlet DN150 - 4 nos	2	07-Feb-18	09-Feb-18	24-Apr-18	16-May-18	100%	0%	-74
A29110	Lay horizontal suspended DN450 pipe (Approx. 120m)	6	05-Feb-18	10-Feb-18	21-Apr-18	05-May-18	100%	0%	-64
A29140	Pressure Test	3	15-Feb-18	22-Feb-18	11-Jun-18	14-Jun-18	100%	0%	-90
A29145	Removal of scaffolding @M12	4	22-Feb-18	27-Feb-18	14-Jun-18	20-Jun-18	100%	0%	-90
Storm Drain DN350 suspended along Gridline M/1-4									
Storm Drain at Portion M13									
A29230	Complete suspended Storm Drain at Portion M13	0		02-Mar-18		20-Jun-18	100%	0%	-87
A29160	External Wall @ Gridline M/1-4 (including Wall finish) - com	0		24-Jan-18		23-Apr-18	100%	0%	-69
A29235	Finish clear up @ M13	1	02-Mar-18	03-Mar-18	20-Jun-18	21-Jun-18	100%	0%	-87
A29180	Install Brackets for Suspension Pipe	9	01-Feb-18	10-Feb-18	30-Apr-18	11-May-18	100%	0%	-69
A29170	Install scaffolding @ M13	6	25-Jan-18	31-Jan-18	23-Apr-18	30-Apr-18	100%	0%	-69
A29210	Install suspended vertical Drainage Pipe DN100 - 2 nos	3	15-Feb-18	22-Feb-18	16-May-18	19-May-18	100%	0%	-69
A29200	Install suspended vertical Rain Water Outlet DN150 - 2 nos	1	14-Feb-18	15-Feb-18	15-May-18	16-May-18	100%	0%	-69
A29190	Lay suspended horizontal DN350 pipe (Approx. 50m)	6	12-Feb-18	21-Feb-18	11-May-18	18-May-18	100%	0%	-69
A29220	Pressure Test	3	22-Feb-18	26-Feb-18	19-May-18	24-May-18	100%	0%	-69
A29225	Removal of scaffolding @M13	4	26-Feb-18	02-Mar-18	24-May-18	29-May-18	100%	0%	-69
Storm Drain DN250 suspended along Gridline M/4-12									
Storm Drain at Portion M14									
A29330	Complete suspended Storm Drain along Portion M14	0		10-Mar-18		20-Jun-18	100%	0%	-80
A29250	External Wall @ M14 Gridline M/4-12 (including Wall finish)	0		24-Jan-18		23-Apr-18	100%	0%	-69
A29335	Finish clear up @ M13	1	12-Mar-18	12-Mar-18	20-Jun-18	21-Jun-18	100%	0%	-80
A29270	Install Brackets for Suspension Pipe	5	12-Feb-18	20-Feb-18	11-May-18	17-May-18	100%	0%	-69
A29260	Install scaffolding at M14	6	01-Feb-18	07-Feb-18	30-Apr-18	08-May-18	100%	0%	-69
A29310	Install suspended vertical Drainage Pipe DN100 - 5 nos	5	24-Feb-18	02-Mar-18	23-May-18	29-May-18	100%	0%	-69
A29290	Install suspended vertical Rain Water Outlet DN150 - 6 nos	3	24-Feb-18	28-Feb-18	23-May-18	26-May-18	100%	0%	-69
A29300	Install suspended vertical Rain Water Outlet DN80- 2 nos	1	28-Feb-18	01-Mar-18	26-May-18	28-May-18	100%	0%	-69
A29280	Lay suspended horizontal DN250 pipe (Approx. 105m)	8	22-Feb-18	02-Mar-18	18-May-18	29-May-18	100%	0%	-69
A29320	Pressure Test	3	03-Mar-18	06-Mar-18	29-May-18	01-Jun-18	100%	0%	-69
A29325	Removal of scaffolding @M14	4	07-Mar-18	10-Mar-18	01-Jun-18	06-Jun-18	100%	0%	-69
Storm Drain DN600 at Portion M45									
Storm Drain along Gridline D'-E'/1'-2' (MH WHC6_1c to S3.4)									
A29380	Formation and Construct MH S3.4	8	20-Oct-17	30-Oct-17	03-Apr-18*	24-Apr-18	100%	0%	-141
Storm Drain along Gridline E'-G' / 1'-2' (MH S3.4 to S3.3 to S3.2)									
A29490	Backfill trench to Ground Level	0	04-Nov-17		30-Apr-18		100%	0%	-141
A29460	Connect DN250 pipe x 2Nos to MH S3.2	1	31-Oct-17	31-Oct-17	24-Apr-18	24-Apr-18	100%	0%	-140
A29450	Connect DN250 pipe x 3Nos to MH S3.3	1	31-Oct-17	31-Oct-17	24-Apr-18	24-Apr-18	100%	0%	-140
A29440	Formation & Construct MH S3.3 & S3.2	9	20-Oct-17	31-Oct-17	14-Apr-18	24-Apr-18	100%	0%	-140
A29470	Formation & Lay DN600 pipe from S3.4 to S3.3 to S3.2 (Ap	3	20-Oct-17	23-Oct-17	14-Apr-18	20-Apr-18	100%	0%	-143
A29480	Pressure Test	3	01-Nov-17	03-Nov-17	25-Apr-18	28-Apr-18	100%	0%	-141
Storm Drain DN450 at Portion M01									
Storm Drain along Gridline G'-J' /1'-2 (MH S3.2 to S3.1 to S3.1b to S3.1a)									
A29560	Backfill trench to Ground Level	2	24-Nov-17	25-Nov-17	30-Apr-18	02-May-18	100%	0%	-124
A29510	Connect DN200 pipe to MH S3.1	1	20-Nov-17	20-Nov-17	24-Apr-18	24-Apr-18	100%	0%	-123
A29520	Connect DN200 pipe to MH S3.1b	1	20-Nov-17	20-Nov-17	24-Apr-18	24-Apr-18	100%	0%	-123
A29530	Connect DN300 & DN400 pipe to MH S3.1a	1	20-Nov-17	20-Nov-17	24-Apr-18	24-Apr-18	100%	0%	-123
A29500	Formation & Construct MH S3.1, S3.1b & S3.1a	14	04-Nov-17	20-Nov-17	03-Apr-18*	24-Apr-18	100%	0%	-123
A29540	Formation & Lay DN450 pipe from MH3.2 to S3.1a (Approx	4	04-Nov-17	08-Nov-17	03-Apr-18	09-Apr-18	100%	0%	-120
A29550	Pressure Test	3	21-Nov-17	23-Nov-17	25-Apr-18	28-Apr-18	100%	0%	-124
Storm Drain DN300 at Portion M44 (MH6_2a.1 to DM65)									
Grd Lvl - Storm / Drainage Connection (Outside SPS)									
A37290	Completed Storm Drain + Report	13	24-Nov-17	08-Dec-17	15-Jan-18 A	09-Apr-18	100%	61.54%	-94
A37280	Connect to Existing Storm Manholes & Backfill	12	16-Nov-17	29-Nov-17	10-Jan-18 A	04-Apr-18	100%	60%	-99



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

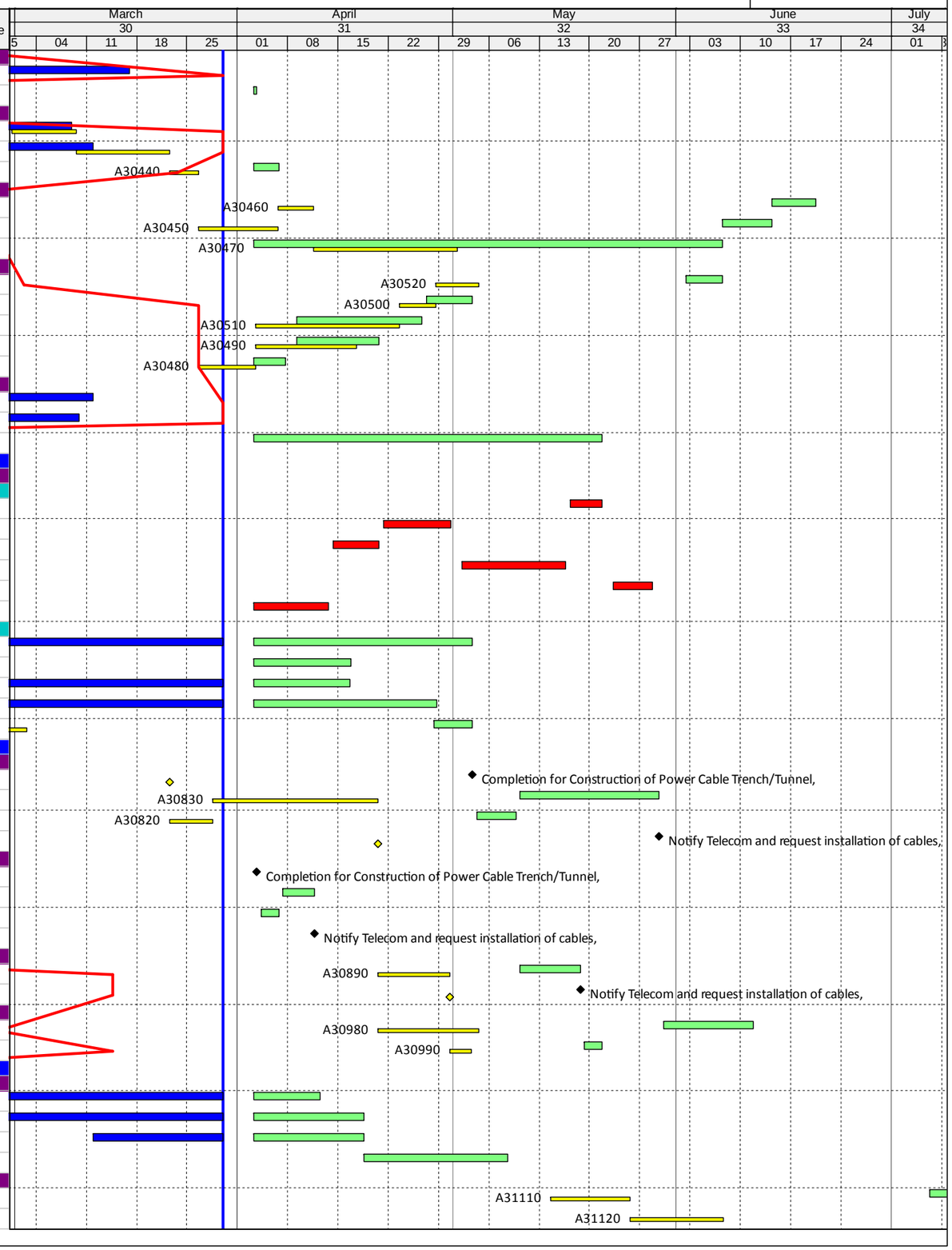
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A37310	DSD Inspection	1	09-Dec-17	11-Dec-17	11-Apr-18	11-Apr-18	100%	0%	-95
A37300	Inform DSD for Inspection of Storm Drain	2	07-Dec-17	09-Dec-17	03-Apr-18	10-Apr-18	100%	0%	-95
A37260	Sewerage - Install 450 / 300 Storm Drainage Pipes & Testing	25	01-Nov-17	29-Nov-17	09-Jan-18 A	03-Apr-18	100%	80%	-98
Adjacent SPS to Center of At Grade Road									
A29790	Backfill, Extract Sheet Piles and Reinstate Pavement	1	20-Oct-17	20-Oct-17	03-Mar-17 A	03-Apr-18	100%	81.25%	-131
Center of At Grade Road to MH_2a.1									
A38080	Backfill, Extract Sheet Piles and Reinstate Pavement	6	15-Nov-17	21-Nov-17	08-Jan-18 A	10-Apr-18	100%	0%	-110
A38040	Drive In Sheet Piles	2	30-Oct-17	31-Oct-17	23-Dec-17 A	04-Apr-18	100%	0%	-124
A38050	Excavate to invert level and install struts	6	01-Nov-17	07-Nov-17	02-Jan-18 A	06-Apr-18	100%	50%	-119
A38030	Excavate trial trench for existing underground utilities	6	21-Oct-17	27-Oct-17	20-Dec-17 A	03-Apr-18	100%	83.33%	-125
A38060	Laydown DN300 between MH6_2a.1 to Center of at Grade	3	08-Nov-17	10-Nov-17	03-Jan-18 A	07-Apr-18	100%	0%	-117
A38070	Pressure Test	3	11-Nov-17	14-Nov-17	05-Jan-18 A	09-Apr-18	100%	0%	-115
Grd Lvl - External Storm Drainage Connection									
A37460	DSD Inspection & Acceptance Test	11	17-Nov-17	30-Nov-17	16-Apr-18	27-Apr-18	100%	0%	-118
A37450	Inform DSD for Inspection	2	15-Nov-17	17-Nov-17	06-Jul-17 A	14-Apr-18	100%	0%	-118
WSD									
Water Main Works at Portion M01 (Refer to M+ MEP Programme)									
A29880	Backfill & Reinstate to Ground Level	3	15-Nov-17	17-Nov-17	28-Apr-18	02-May-18	100%	0%	-131
A29840	Excavate Trench in footway to expose PIW watermains & Cu	2	27-Oct-17	30-Oct-17	11-Apr-18	12-Apr-18	100%	0%	-131
A29890	Handover to PIW for footway pavement construction (IS Ap	0		17-Nov-17		02-May-18	100%	0%	-131
A29830	Install a new hoarding with 500mm clearance from roadsid	3	24-Oct-17	26-Oct-17	07-Apr-18	10-Apr-18	100%	0%	-131
A29850	Lay 2Nos of DN150 DI Fresh Water Pipe & 1 No of DN100 D	5	31-Oct-17	04-Nov-17	13-Apr-18	18-Apr-18	100%	0%	-131
A29860	Pressure test (By PIW Contractor)	6	06-Nov-17	11-Nov-17	19-Apr-18	25-Apr-18	100%	0%	-131
A29820	Remove existing hoarding fixed to Sheet pile	3	20-Oct-17	23-Oct-17	03-Apr-18	06-Apr-18	100%	0%	-131
A29870	Remove the Blank Flanges & Make Final Connection	2	13-Nov-17	14-Nov-17	26-Apr-18	27-Apr-18	100%	0%	-131
Water Main Works at Portion M17									
A30020	Backfill to adjacent ground level	2	16-Mar-18	17-Mar-18	09-May-18	10-May-18	100%	0%	-41
A30030	Connection of Watermain (IS Appendix D1, #37, 31 Octobe	0		17-Mar-18		10-May-18	100%	0%	-41
A29960	Construct End Block and Washout Tee with washout pump	9	02-Feb-18	12-Feb-18	01-Feb-18 A	13-Apr-18	100%	0%	-45
A29920	Construct M+ Street Fire Hydrant & FS Pipe at gridline E-F/1	11	15-Dec-17	29-Dec-17	29-Jan-18 A	11-Apr-18	100%	36.36%	-80
A29940	Excavate Trench for DN150 pipe along gridline A-F/14	14	02-Jan-18	17-Jan-18	27-Jan-18 A	10-Apr-18	100%	57.14%	-64
A30010	Lab Test	6	09-Mar-18	15-Mar-18	02-May-18	08-May-18	100%	0%	-41
A29950	Lay down and install DN 150 pipe and connect isolation valv	13	18-Jan-18	01-Feb-18	31-Jan-18 A	11-Apr-18	100%	46.15%	-52
A29970	Lay down and install remaining DN150 pipe	6	13-Feb-18	22-Feb-18	01-Feb-18 A	16-Apr-18	100%	0%	-41
A29980	Pressure Test	3	23-Feb-18	26-Feb-18	17-Apr-18	19-Apr-18	100%	0%	-41
A30000	Sterilization	6	02-Mar-18	08-Mar-18	24-Apr-18	30-Apr-18	100%	0%	-41
A29990	Swabbing Test	3	27-Feb-18	01-Mar-18	20-Apr-18	23-Apr-18	100%	0%	-41
SPS External - Grd Lvl - Watermain (Outside SPS) to PIW									
A30110	Lab Test	11	20-Oct-17	02-Nov-17	14-Nov-17 A	10-Apr-18	100%	45.45%	-126
A30120	Watermain Final Connection	2	03-Nov-17	04-Nov-17	11-Apr-18	13-Apr-18	100%	0%	-127
ICP External - Grd Lvl - External Watermain Connection to PIW									
A30220	Backfill to Ground Level	6	11-Nov-17	17-Nov-17	25-Apr-18	02-May-18	100%	0%	-131
A30190	Lab Test	11	25-Oct-17	07-Nov-17	09-Apr-18	20-Apr-18	100%	0%	-131
A30170	Pressure Test	3	20-Oct-17	23-Oct-17	03-Apr-18*	06-Apr-18	100%	0%	-131
A30180	Swabbing Test	1	24-Oct-17	24-Oct-17	07-Apr-18	07-Apr-18	100%	0%	-131
A30200	Watermain Final Connection	3	08-Nov-17	10-Nov-17	21-Apr-18	24-Apr-18	100%	0%	-131
Power									
Power Cable 11kV at Footpath adjacent to Entrance Portal (Interface with PIW)									
A30280	Backfilling footway to adjacent ground level	3	08-Dec-17	11-Dec-17	24-May-18	26-May-18	100%	0%	-131
A30260	Excavate trench in footway for the 11kV direct buried cables	14	20-Oct-17	06-Nov-17	03-Apr-18*	19-Apr-18	100%	0%	-131
A30270	Lay Lead-in Cable (by CLP) & Inspection	27	07-Nov-17	07-Dec-17	20-Apr-18	23-May-18	100%	0%	-131
Power Cable 11Kv at Gridline A / 1- 3									
A30310	Lay Lead-in Cable (by CLP) & connect to district-wide system	27	25-Oct-17	04-Nov-17	03-Apr-18	05-May-18	100%	0%	-145
Power Cable 11Kv at Gridline A / 3-14									
Construction at Drawpit E2 to E3 to E4									
A30360	Construct Cable Tunnel from Drawpits E2 to E4 & Install Cab	8	08-Jan-18	17-Jan-18	18-Dec-17 A	22-Mar-18 A	100%	100%	-51
A30350	Construct Drawpit E3 & E4	8	28-Dec-17	08-Jan-18	16-Dec-17 A	13-Mar-18 A	100%	100%	-51
Construction at Drawpit E4 to E5									
A30380	Construct Cable Trench & Install Cable Ducts (Approx 6m)	2	22-Jan-18	24-Jan-18	16-Mar-18 A	17-Mar-18 A	100%	100%	-42
A30370	Construct Drawpit E5	4	17-Jan-18	22-Jan-18	12-Mar-18 A	15-Mar-18 A	100%	100%	-42
Inspection & Testing									
A30390	Test & Inspection	27	24-Jan-18	28-Feb-18	04-Apr-18	07-May-18	100%	0%	-53



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Power Cable 11Kv at Gridline A-C / 14									
A30400	Construct Cable Trench & Install Cable Ducts (Approx 43m)	8	20-Oct-17	30-Oct-17	11-Nov-17 A	17-Mar-18 A	100%	100%	-112
A30410	Tests & inspection	1	31-Oct-17	31-Oct-17	03-Apr-18	03-Apr-18	100%	0%	-123
Power Cable 11kv at Gridline C-M / 14									
A30420	Construct Drawpits E6 & E7	8	28-Feb-18	09-Mar-18	08-Feb-18 A	09-Mar-18 A	100%	100%	1
A30430	Construct Cable Trench / Tunnel & Install Cable Ducts (Appr	11	09-Mar-18	22-Mar-18	01-Feb-18 A	12-Mar-18 A	100%	100%	10
A30440	Tests & inspection	3	22-Mar-18	26-Mar-18	03-Apr-18	06-Apr-18	100%	0%	-6
Power Cable 11Kv at Gridline 13-14 / M									
A30460	Construct Cable Trench / Tunnel & Install Cable Ducts (Appr	4	06-Apr-18	11-Apr-18	14-Jun-18	20-Jun-18	0%	0%	-57
A30450	Construct Draw pit E8	6	26-Mar-18	06-Apr-18	07-Jun-18	14-Jun-18	55.56%	0%	-57
A30470	Lay power lead-in (by CLP) & Inspection	53	11-Apr-18	01-May-18	03-Apr-18	07-Jun-18	0%	0%	-30
LV Power from DCS to M+ Seawater Pump Cells									
A30520	Backfill to Existing Ground Level	4	28-Apr-18	04-May-18	02-Jun-18	07-Jun-18	0%	0%	-28
A30500	Cable Pulling from DCS to Seawater Pump Cells	5	23-Apr-18	28-Apr-18	27-Apr-18	03-May-18	0%	0%	-3
A30510	Construct 6 Nos of Drawpit	16	03-Apr-18	23-Apr-18	09-Apr-18	26-Apr-18	0%	0%	-3
A30490	Construct Cable Trench & Lay 4Nos of DN150 & 5Nos of DN	11	03-Apr-18	17-Apr-18	09-Apr-18	20-Apr-18	0%	0%	-3
A30480	Excavate trench & Install Shoring from DCS to M+ Seawater I	4	26-Mar-18	03-Apr-18	03-Apr-18	07-Apr-18	83.33%	0%	-3
ICP External Power Cable Trench For CLP Lead In									
A30550	Backfill to Ground Level	3	25-Nov-17	28-Nov-17	08-Jan-18 A	12-Mar-18 A	100%	100%	-82
A30530	Construct 2 Nos of Drawpit at the ICP Entrance	8	20-Oct-17	30-Oct-17	02-Jan-18 A	10-Mar-18 A	100%	100%	-106
A30545	Lay power Lead-in for ICP & Inspection (by CLP)	40	09-Nov-17	24-Nov-17	03-Apr-18	21-May-18	100%	0%	-141
Gas									
Gas Main at Portion M01									
Gas Main RDE connection along Gridline E' - I' / 1'									
A30740	Backfill Trench to Ground Level	4	16-Dec-17	20-Dec-17	17-May-18	21-May-18	100%	0%	-119
A30720	Excavate Trench for Main Gas 100mm and install shoring	8	22-Nov-17	30-Nov-17	21-Apr-18	30-Apr-18	100%	0%	-119
A30710	Install support for existing Underground Utilities	6	15-Nov-17	21-Nov-17	14-Apr-18	20-Apr-18	100%	0%	-119
A30730	Lay down Main Gas 100mm (by Towngas Specialist Contract	13	01-Dec-17	15-Dec-17	02-May-18	16-May-18	100%	0%	-119
A30750	Testing and Inspection	5	21-Dec-17	28-Dec-17	23-May-18	28-May-18	100%	0%	-119
A30700	Trial Trench for Underground Utilities	9	04-Nov-17	14-Nov-17	03-Apr-18	13-Apr-18*	100%	0%	-119
Gas Main M+ along Gridline 2-9/A									
A30790	Backfill trench at M+ to adjacent level	6	20-Feb-18	26-Feb-18	17-Jan-18 A	03-May-18	100%	0%	-52
A30770	Construct and Lay down 350x350mm concrete pipe bench	11	05-Jan-18	17-Jan-18	03-Apr-18	16-Apr-18	100%	0%	-69
A30760	Excavate Trench for Main Gas and install shoring	11	28-Dec-17	11-Jan-18	15-Jan-18 A	16-Apr-18	100%	2%	-74
A30780	Lay down and install DN100 gas main (by Towngas Specialis	25	18-Jan-18	15-Feb-18	16-Jan-18 A	28-Apr-18	100%	12%	-55
A30800	Testing and Inspection	4	27-Feb-18	02-Mar-18	28-Apr-18	03-May-18	100%	0%	-48
Telecom/ICT/FTNS									
Telecom @ Gridline C-M/14									
A30810	Completion for Construction of Power Cable Trench/Tunnel	0		22-Mar-18		03-May-18	100%	0%	-31
A30830	Construct 5# 28 DN100 FTNS drawpit @ gridline C-M/14	16	28-Mar-18	20-Apr-18	10-May-18	29-May-18	8.33%	0%	-31
A30820	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 100m)	5	22-Mar-18	28-Mar-18	04-May-18	09-May-18	100%	0%	-31
A30840	Notify Telecom and request installation of cables	0		20-Apr-18		29-May-18	0%	0%	-31
Telecom @ Gridline A-C/14									
A30850	Completion for Construction of Power Cable Trench/Tunnel	0		30-Oct-17		03-Apr-18	100%	0%	-124
A30870	Construct 1# 28 DN100 FTNS drawpit @ gridline A-C/14	4	02-Nov-17	06-Nov-17	07-Apr-18	11-Apr-18	100%	0%	-124
A30860	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 30m)	2	31-Oct-17	01-Nov-17	04-Apr-18	06-Apr-18	100%	0%	-124
A30880	Notify Telecom and request installation of cables	0		06-Nov-17		11-Apr-18	100%	0%	-124
Telecom @ Gridline M/12-14 (Portion M15)									
A30890	Construct ICT & ELV drawpits @ Gridline M/12-14	8	20-Apr-18	30-Apr-18	10-May-18	18-May-18	0%	0%	-15
A30900	Notify Telecom and request installation of cables	0		30-Apr-18		18-May-18	0%	0%	-15
Cable Laying & Testing (By Telco)									
A30980	Cable Laying & Testing (By Telco) @ GL A-M/14	11	20-Apr-18	04-May-18	30-May-18	11-Jun-18	0%	0%	-31
A30990	Cable Laying & Testing (By Telco) @ GL M/14-12	2	30-Apr-18	03-May-18	19-May-18	21-May-18	0%	0%	-15
Backfilling and EVA									
Backfilling									
A31050	Backfilling to +6.50mPD	8	20-Oct-17	30-Oct-17	08-Aug-17 A	12-Apr-18	100%	30%	-130
A31060	Backfilling to +8.50mPD	13	31-Oct-17	14-Nov-17	08-Oct-17 A	18-Apr-18	100%	20%	-123
A31070	Backfilling to +10.50mPD	16	15-Nov-17	02-Dec-17	12-Mar-18 A	18-Apr-18	100%	20%	-107
A31080	Backfilling to +12.70mPD	16	04-Dec-17	21-Dec-17	18-Apr-18	08-May-18	100%	0%	-107
Construction of EVA									
A31110	Construct EVA (+10.50mPD)	9	14-May-18	25-May-18	06-Jul-18	16-Jul-18	0%	0%	-42
A31120	Construct EVA (+12.70mPD)	11	25-May-18	07-Jun-18	17-Jul-18	28-Jul-18	0%	0%	-42



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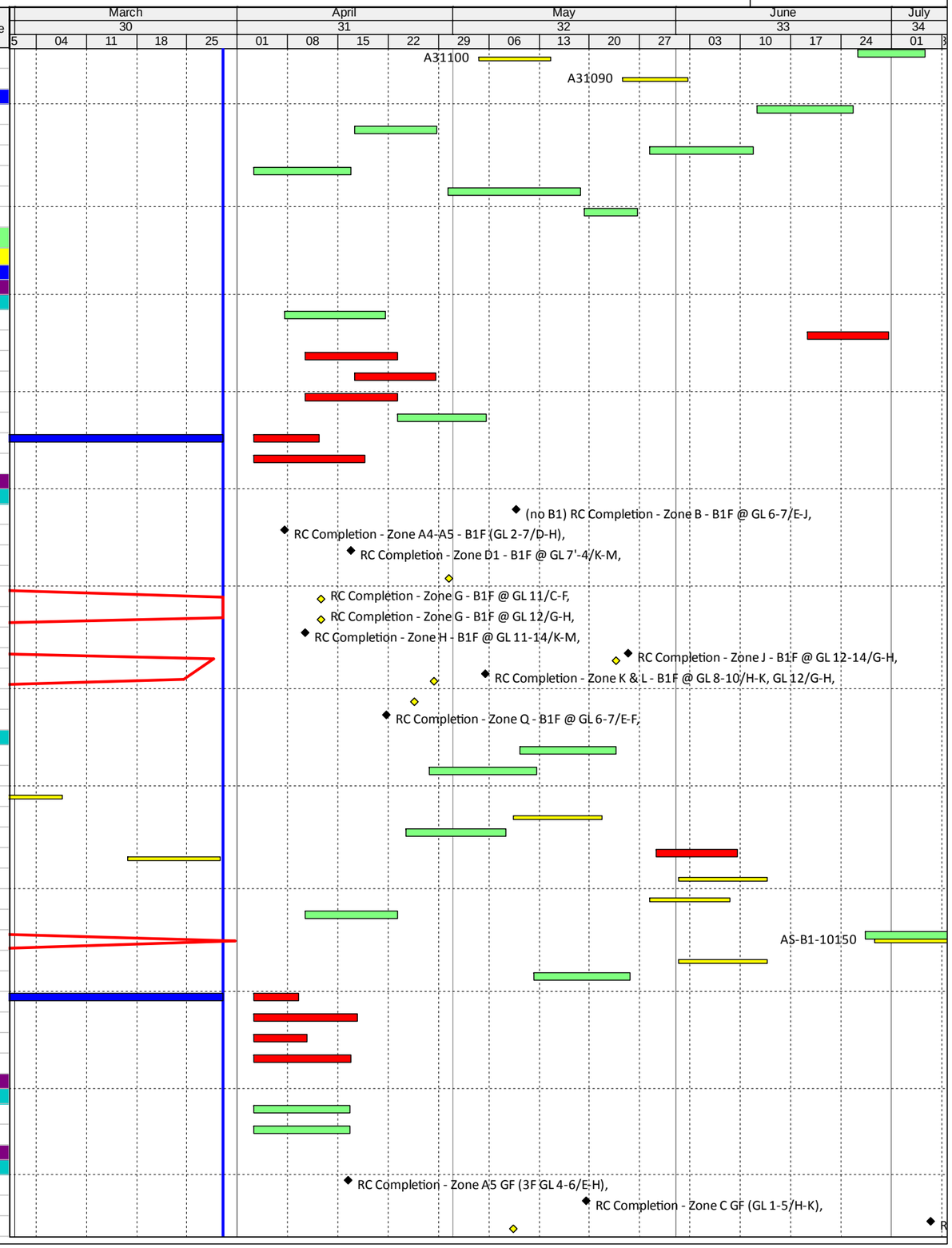
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
A31100	Construct EVA (+8.50mPD)	8	04-May-18	14-May-18	26-Jun-18	05-Jul-18	0%	0%	-42
A31090	Construct EVA South of ICP (+5.00mPD)	8	24-May-18	02-Jun-18	19-Jul-18	28-Jul-18	0%	0%	-45
Fuel Tank									
A31290	Backfill	11	29-Dec-17	11-Jan-18	12-Jun-18	25-Jun-18	100%	0%	-131
A31260	Construct Bottom Level of Fuel Oil Storage Tank	11	03-Nov-17	15-Nov-17	17-Apr-18	28-Apr-18	100%	0%	-131
A31280	Construct Top Level of Fuel Oil Storage Tank	13	12-Dec-17	28-Dec-17	28-May-18	11-Jun-18	100%	0%	-131
A31250	Excavate to Base Slab & Wall of Fuel Tank	11	20-Oct-17	02-Nov-17	03-Apr-18	16-Apr-18	100%	0%	-131
A31270	Mechanical Fitting	16	16-Nov-17	04-Dec-17	30-Apr-18	18-May-18	100%	0%	-131
A38020	T&C of Fuel Oil Storage Tank	6	05-Dec-17	11-Dec-17	19-May-18	26-May-18	100%	0%	-131
M+ ABWF & MEP									
RC Structure Completon & De-proping Date									
M+ Basement & Podium									
B2/F									
Scheduled De-proping									
AS-B2-10	Scheduled De-proping - Zone A4-A5 - B2F	11	25-Oct-17	07-Nov-17	07-Apr-18	21-Apr-18	100%	0%	-132
AS-B2-10	Scheduled De-proping - Zone B - B2F	11	09-Feb-18	24-Feb-18	19-Jun-18	30-Jun-18	100%	0%	-101
AS-B2-10	Scheduled De-proping - Zone C - B2F	11	11-Nov-17	24-Nov-17	10-Apr-18	23-Apr-18	100%	0%	-118
AS-B2-10	Scheduled De-proping - Zone D1 - B2F	11	22-Jan-18	02-Feb-18	17-Apr-18	28-Apr-18	100%	0%	-66
AS-B2-10	Scheduled De-proping - Zone H - B2F	11	04-Nov-17	16-Nov-17	10-Apr-18	23-Apr-18	100%	0%	-124
AS-B2-10	Scheduled De-proping - Zone Q - B2F	11	22-Jan-18	02-Feb-18	23-Apr-18	05-May-18	100%	0%	-71
AS-B2-10	Scheduled De-proping - Zone T - CSF - B2F	7	20-Oct-17	27-Oct-17	20-Jun-17 A	12-Apr-18	100%	33.33%	-131
AS-B2-10	Scheduled De-proping - Zone U - RDE - B2F	11	20-Oct-17	02-Nov-17	03-Apr-18	18-Apr-18	100%	0%	-133
B1/F									
RC Completion									
AS-B1-10	(no B1) RC Completion - Zone B - B1F @ GL 6-7/E-J	0		03-Jan-18		09-May-18	100%	0%	-101
AS-B1-10	RC Completion - Zone A4-A5 - B1F (GL 2-7/D-H)	0		25-Oct-17		07-Apr-18	100%	0%	-131
AS-B1-10	RC Completion - Zone D1 - B1F @ GL 7'-4/K-M	0		22-Jan-18		16-Apr-18	100%	0%	-66
AS-B1-10	RC Completion - Zone D2 - B1F @ GL 5-7/H-K	0		30-Apr-18		21-Aug-18	0%	0%	-93
AS-B1-10	RC Completion - Zone G - B1F @ GL 11/C-F	0		12-Apr-18		23-Nov-17 A	0%	100%	111
AS-B1-10	RC Completion - Zone G - B1F @ GL 12/G-H	0		12-Apr-18		23-Nov-17 A	0%	100%	111
AS-B1-10	RC Completion - Zone H - B1F @ GL 11-14/K-M	0		04-Nov-17		10-Apr-18	100%	0%	-124
AS-B1-10	RC Completion - Zone J - B1F @ GL 12-14/G-H	0		23-May-18		25-May-18	0%	0%	-1
AS-B1-10	RC Completion - Zone K & L - B1F @ GL 8-10/H-K, GL 12/G-H	0		28-Apr-18		05-May-18	0%	0%	-5
AS-B1-10	RC Completion - Zone P - B1F @ GL 8-11/E-G (A12410)	0		25-Apr-18		30-Aug-18	0%	0%	-105
AS-B1-10	RC Completion - Zone Q - B1F @ GL 6-7/E-F	0		22-Jan-18		21-Apr-18	100%	0%	-71
Scheduled De-proping									
AS-B1-10	(no B1)Scheduled De-proping - Zone B - B1F (GL 5-7/E-J)	11	03-Jan-18	15-Jan-18	10-May-18	23-May-18	100%	0%	-101
AS-B1-10	Scheduled De-proping - Zone A4-A5 - B1F	11	25-Nov-17	08-Dec-17	27-Apr-18	12-May-18	100%	0%	-123
AS-B1-10	Scheduled De-proping - Zone D1 - B1F GL (7'-4/K-M)	11	23-Feb-18	07-Mar-18	20-Jul-18	01-Aug-18	100%	0%	-118
AS-B1-10	Scheduled De-proping - Zone D2 - B1F (GL 5-7/H-K)	11	09-May-18	21-May-18	21-Aug-18	01-Sep-18	0%	0%	-86
AS-B1-10	Scheduled De-proping - Zone E - B1F (GL 8-11/A-C)	11	28-Nov-17	11-Dec-17	24-Apr-18	08-May-18	100%	0%	-116
AS-B1-10	Scheduled De-proping - Zone E1 - B1F (GL 8-11/C-D)	11	16-Mar-18	29-Mar-18	29-May-18	09-Jun-18	100%	0%	-56
AS-B1-10	Scheduled De-proping - Zone F - B1F	11	01-Jun-18	13-Jun-18	17-Jul-18	28-Jul-18	0%	0%	-37
AS-B1-10	Scheduled De-proping - Zone G - B1F (GL 11-14/A-H)	11	28-May-18	08-Jun-18	13-Aug-18	24-Aug-18	0%	0%	-64
AS-B1-10	Scheduled De-proping - Zone H - B1F (GL 11-14/K-M)	11	05-Dec-17	16-Dec-17	10-Apr-18	23-Apr-18	100%	0%	-98
AS-B1-10	Scheduled De-proping - Zone J - B1F (GL 12-14/G-H)	11	28-Jun-18	12-Jul-18	27-Jun-18	10-Jul-18	0%	0%	2
AS-B1-10	Scheduled De-proping - Zone P - B1F (GL 8-11/E-G)	11	01-Jun-18	13-Jun-18	13-Sep-18	27-Sep-18	0%	0%	-87
AS-B1-10	Scheduled De-proping - Zone Q - B1F (GL 5-7/D-F)	11	09-Feb-18	24-Feb-18	12-May-18	25-May-18	100%	0%	-71
AS-B1-10	Scheduled De-proping - Zone R - B1F (GL 6'-7'/A-J')	4	20-Oct-17	24-Oct-17	16-Jun-17 A	09-Apr-18	100%	58.33%	-131
AS-B1-10	Scheduled De-proping - Zone S - B1F	11	18-Nov-17	01-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-107
AS-B1-10	Scheduled De-proping - Zone T - CSF - B1F (GL 1'-6'/A'-F')	11	20-Oct-17	02-Nov-17	03-Apr-18	10-Apr-18	100%	0%	-126
AS-B1-10	Scheduled De-proping - Zone U - RDE - B1F (GL 1'-6'/F'-J')	11	01-Nov-17	14-Nov-17	03-Apr-18	16-Apr-18	100%	0%	-121
LG/F									
Scheduled De-proping									
AS-LG-10	Scheduled De-proping - RDE - LGF (GL 1'-6'/F'-J')	11	02-Jan-18	15-Jan-18	03-Apr-18	16-Apr-18	100%	0%	-71
AS-LG-10	Scheduled De-proping -CSF - LGF (GL 1'-6'/D'-J')	11	02-Nov-17	15-Nov-17	03-Apr-18	16-Apr-18	100%	0%	-120
G/F									
RC Completion									
AS-GF-10	RC Completion - Zone A5 GF (3F GL 4-6/E-H)	0		30-Oct-17		16-Apr-18	100%	0%	-134
AS-GF-10	RC Completion - Zone C GF (GL 1-5/H-K)	0		26-Feb-18		19-May-18	100%	0%	-67
AS-GF-10	RC Completion - Zone D2 GF (GL 5-7/H-M)	0		09-May-18		06-Jul-18	0%	0%	-47



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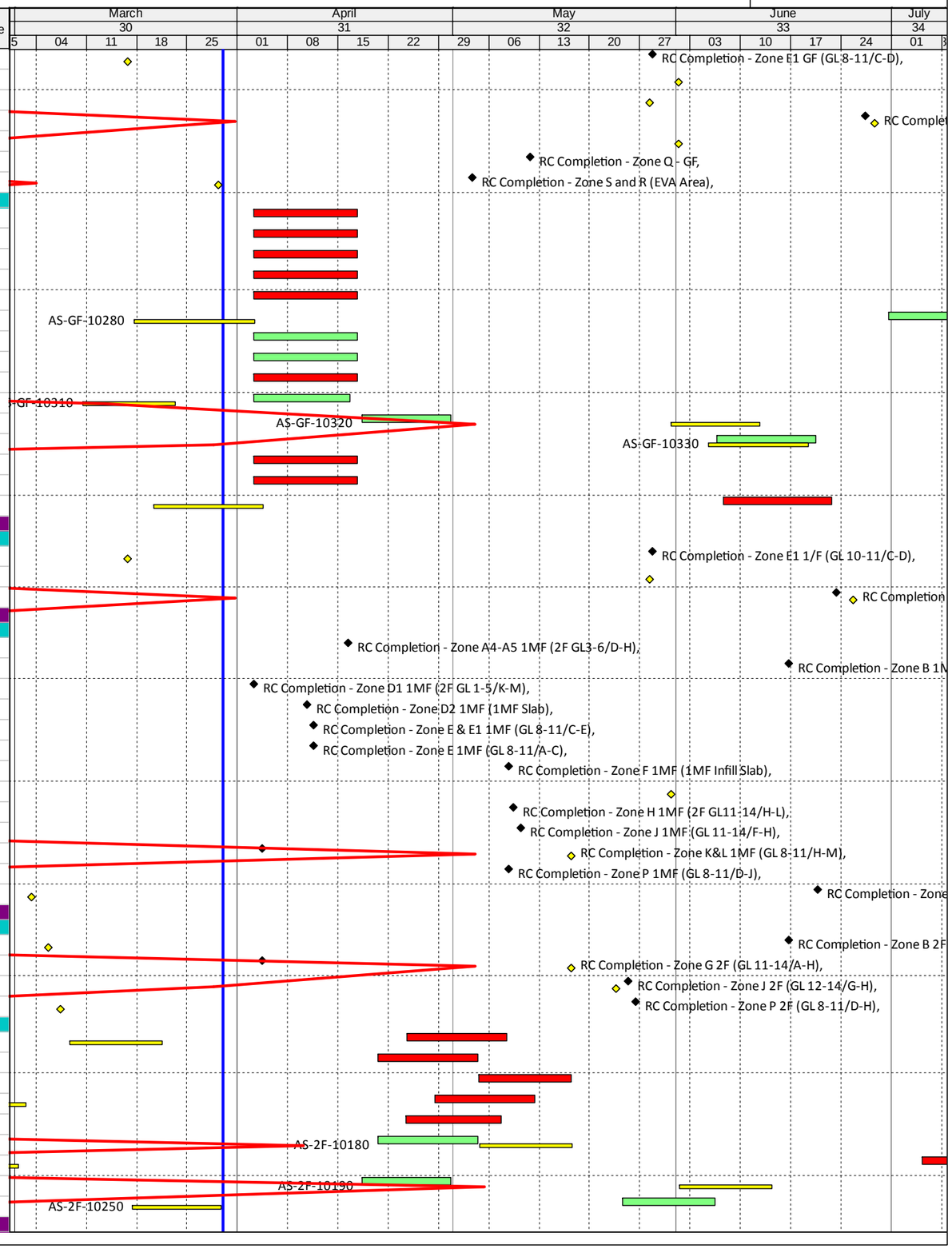
Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

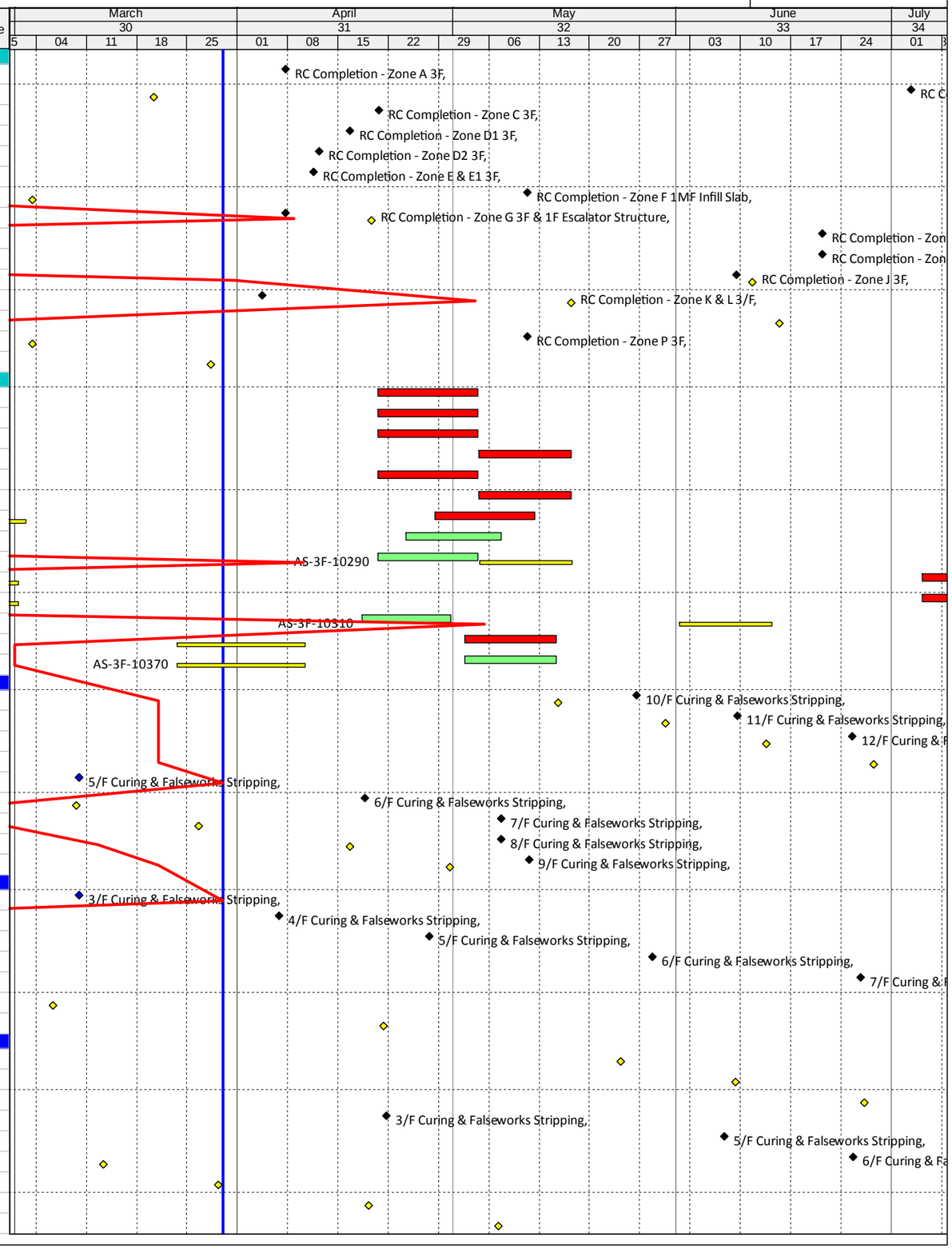
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
AS-GF-10	RC Completion - Zone E1 GF (GL 8-11/C-D)	0		16-Mar-18		28-May-18	100%	0%	-56
AS-GF-10	RC Completion - Zone F - GF	0		01-Jun-18		17-Jul-18	0%	0%	-37
AS-GF-10	RC Completion - Zone G - GF (GL 11-14/A-H)	0		28-May-18		13-Aug-18	0%	0%	-64
AS-GF-10	RC Completion - Zone J GF (3F GL 11-14/H-F)	0		28-Jun-18		27-Jun-18	0%	0%	2
AS-GF-10	RC Completion - Zone P GF (GL 8-11/D-H)	0		01-Jun-18		17-Jul-18	0%	0%	-37
AS-GF-10	RC Completion - Zone Q - GF	0		09-Feb-18		11-May-18	100%	0%	-71
AS-GF-10	RC Completion - Zone S and R (EVA Area)	0		29-Mar-18		03-May-18	100%	0%	-26
Scheduled De-proping									
AS-GF-10	Scheduled De-proping - Zone A1 GF (3F GL 2-4/A-E)	11	24-Nov-17	06-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-103
AS-GF-10	Scheduled De-proping - Zone A2 GF (3F GL 4-6/A-E)	11	24-Nov-17	06-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-103
AS-GF-10	Scheduled De-proping - Zone A3 GF (3F GL 6-7/A-E)	11	24-Nov-17	06-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-103
AS-GF-10	Scheduled De-proping - Zone A4 GF (3F GL 2-4/E-H)	11	11-Dec-17	23-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-89
AS-GF-10	Scheduled De-proping - Zone A5 GF (3F GL 4-6/E-H)	11	11-Dec-17	23-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-89
AS-GF-10	Scheduled De-proping - Zone B GF (3F GL 5-7/E-J)	11	17-Mar-18	03-Apr-18	30-Jun-18	16-Jul-18	96.88%	0%	-84
AS-GF-10	Scheduled De-proping - Zone D1 GF (3F GL 1-5/K-M)	11	09-Dec-17	22-Dec-17	03-Apr-18	17-Apr-18	100%	0%	-90
AS-GF-10	Scheduled De-proping - Zone D2 GF (3F GL 5-7/H-M)	11	22-Jan-18	03-Feb-18	03-Apr-18	17-Apr-18	100%	0%	-55
AS-GF-10	Scheduled De-proping - Zone E GF (GL 8-12/A-C)	11	02-Nov-17	15-Nov-17	03-Apr-18	17-Apr-18	100%	0%	-122
AS-GF-10	Scheduled De-proping - Zone E1 GF (GL 8-11/C-D)	11	10-Mar-18	23-Mar-18	03-Apr-18	16-Apr-18	100%	0%	-16
AS-GF-10	Scheduled De-proping - Zone G GF (3F GL 11-14/A-F)	11	31-May-18	12-Jun-18	18-Apr-18	30-Apr-18	0%	0%	35
AS-GF-10	Scheduled De-proping - Zone J GF (3F GL 11-14/H-F)	11	05-Jun-18	19-Jun-18	06-Jun-18	20-Jun-18	0%	0%	-1
AS-GF-10	Scheduled De-proping - Zone M West Core Wall GF (3F GL 7-	11	20-Oct-17	02-Nov-17	03-Apr-18	17-Apr-18	100%	0%	-132
AS-GF-10	Scheduled De-proping - Zone N East Core Wall GF (3F GL 7-8	11	20-Oct-17	02-Nov-17	03-Apr-18	17-Apr-18	100%	0%	-132
AS-GF-10	Scheduled De-proping - Zone P GF (3F GL 8-11/D-H-J)	11	20-Mar-18	04-Apr-18	07-Jun-18	22-Jun-18	84.38%	0%	-64
1/F									
RC Completion									
AS-1F-10(	RC Completion - Zone E1 1/F (GL 10-11/C-D)	0		16-Mar-18		28-May-18	100%	0%	-56
AS-1F-10(	RC Completion - Zone G 1/F (GL 11-14/A-H)	0		28-May-18		13-Aug-18	0%	0%	-64
AS-1F-10(	RC Completion - Zone J 1/F (GL 12-14/G-H)	0		25-Jun-18		23-Jun-18	0%	0%	2
1M/F									
RC Completion									
AS-1M-1(	RC Completion - Zone A4-A5 1MF (2F GL3-6/D-H)	0		11-Nov-17		16-Apr-18	100%	0%	-123
AS-1M-1(	RC Completion - Zone B 1MF (GL 5-7/E-J)	0		09-Feb-18		16-Jun-18	100%	0%	-101
AS-1M-1(	RC Completion - Zone D1 1MF (2F GL 1-5/K-M)	0		19-Dec-17		03-Apr-18	100%	0%	-81
AS-1M-1(	RC Completion - Zone D2 1MF (1MF Slab)	0		29-Jan-18		10-Apr-18	100%	0%	-55
AS-1M-1(	RC Completion - Zone E & E1 1MF (GL 8-11/C-E)	0		15-Nov-17		11-Apr-18	100%	0%	-117
AS-1M-1(	RC Completion - Zone E 1MF (GL 8-11/A-C)	0		15-Nov-17		11-Apr-18	100%	0%	-117
AS-1M-1(	RC Completion - Zone F 1MF (1MF Infill Slab)	0		09-Feb-18		08-May-18	100%	0%	-68
AS-1M-1(	RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G)	0		31-May-18		15-Aug-18	0%	0%	-64
AS-1M-1(	RC Completion - Zone H 1MF (2F GL11-14/H-L)	0		18-Dec-17		09-May-18	100%	0%	-111
AS-1M-1(	RC Completion - Zone J 1MF (GL 11-14/F-H)	0		12-Feb-18		10-May-18	100%	0%	-66
AS-1M-1(	RC Completion - Zone K&L 1MF (GL 8-11/H-M)	0		17-May-18		04-Apr-18	0%	0%	35
AS-1M-1(	RC Completion - Zone P 1MF (GL 8-11/D-J)	0		09-Feb-18		08-May-18	100%	0%	-68
AS-1M-1(	RC Completion - Zone Q 1MF (GL5-7/D-F)	0		03-Mar-18		20-Jun-18	100%	0%	-87
2/F									
RC Completion									
AS-2F-10:	RC Completion - Zone B 2F (GL 6-7/E-H)	0		05-Mar-18		16-Jun-18	100%	0%	-83
AS-2F-10(	RC Completion - Zone G 2F (GL 11-14/A-H)	0		17-May-18		04-Apr-18	0%	0%	35
AS-2F-10:	RC Completion - Zone J 2F (GL 12-14/G-H)	0		23-May-18		25-May-18	0%	0%	-1
AS-2F-10:	RC Completion - Zone P 2F (GL 8-11/D-H)	0		07-Mar-18		26-May-18	100%	0%	-63
Scheduled De-proping									
AS-2F-10:	Scheduled De-proping - Zone D2 2F (GL 4-7/H-M)	11	08-Mar-18	21-Mar-18	24-Apr-18	08-May-18	100%	0%	-36
AS-2F-10:	Scheduled De-proping - Zone A 2F (GL 2-7/A-H)	11	08-Jan-18	20-Jan-18	20-Apr-18	04-May-18	100%	0%	-81
AS-2F-10:	Scheduled De-proping - Zone C 2F (GL 1-5/H-K)	11	13-Jan-18	26-Jan-18	04-May-18	17-May-18	100%	0%	-87
AS-2F-10:	Scheduled De-proping - Zone D1 2F (GL 1-4/K-M)	11	14-Feb-18	02-Mar-18	28-Apr-18	12-May-18	100%	0%	-56
AS-2F-10:	Scheduled De-proping - Zone E1 & E2 2F (GL 8-11/C-E)	11	28-Nov-17	11-Dec-17	24-Apr-18	07-May-18	100%	0%	-115
AS-2F-10:	Scheduled De-proping - Zone G 2F (GL 11-14/A-H)	11	04-May-18	17-May-18	20-Apr-18	04-May-18	0%	0%	11
AS-2F-10:	Scheduled De-proping - Zone H 2F (GL 11-14/G-M)	11	13-Feb-18	01-Mar-18	05-Jul-18	17-Jul-18	100%	0%	-110
AS-2F-10:	Scheduled De-proping - Zone K & L 2F (GL 8-11/H-M)	11	01-Jun-18	14-Jun-18	18-Apr-18	30-Apr-18	0%	0%	36
AS-2F-10:	Scheduled De-proping - Zone P 2F (GL 8-11/D-H) (+ De-prop	11	17-Mar-18	29-Mar-18	24-May-18	06-Jun-18	100%	0%	-52
3/F									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

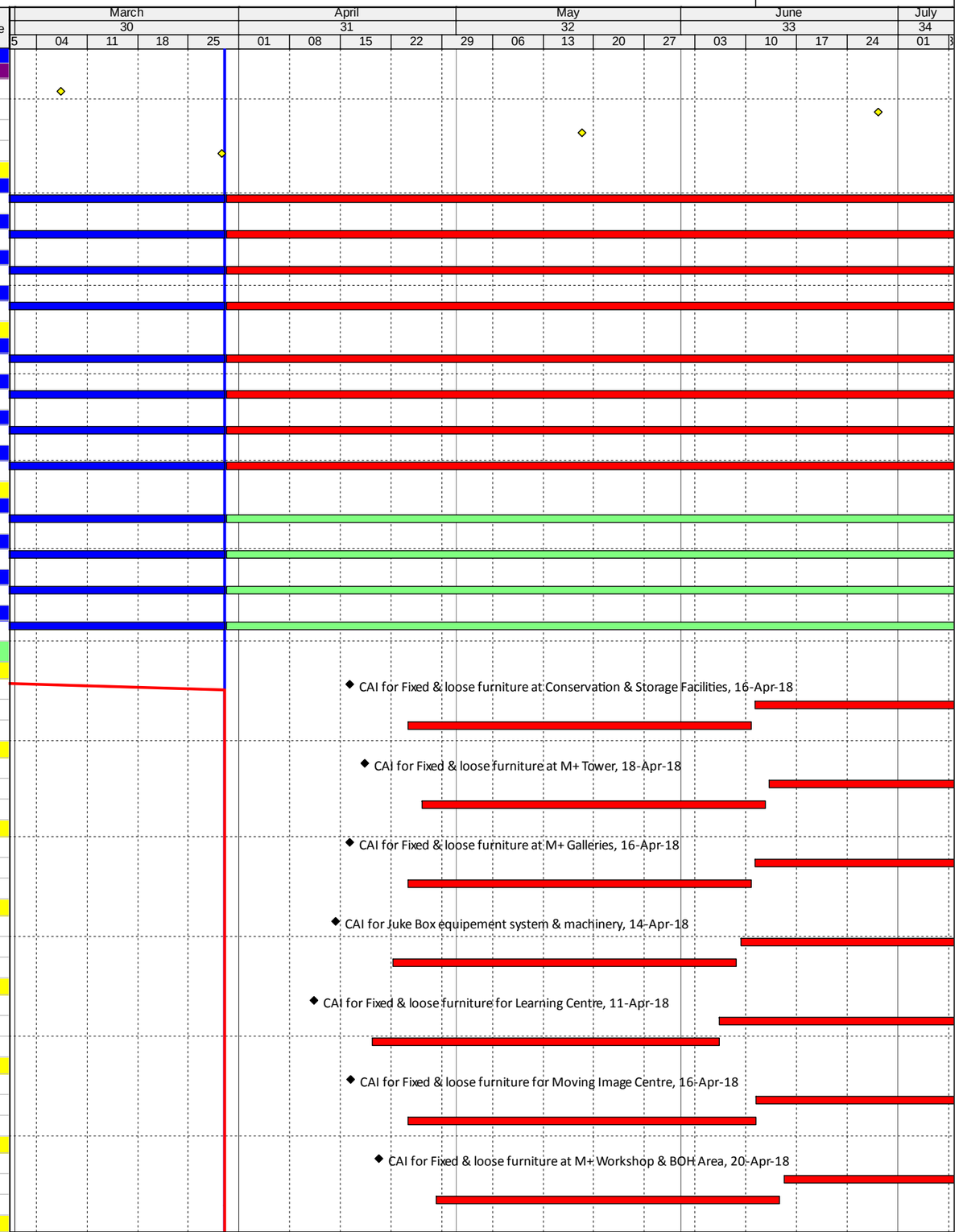
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
RC Completion									
AS-3F-10(	RC Completion - Zone A 3F	0		22-Dec-17		07-Apr-18	100%	0%	-82
AS-3F-10(	RC Completion - Zone B 3F	0		20-Mar-18		03-Jul-18	100%	0%	-83
AS-3F-10(	RC Completion - Zone C 3F	0		30-Dec-17		20-Apr-18	100%	0%	-88
AS-3F-10:	RC Completion - Zone D1 3F	0		01-Feb-18		16-Apr-18	100%	0%	-57
AS-3F-10(	RC Completion - Zone D2 3F	0		23-Feb-18		12-Apr-18	100%	0%	-37
AS-3F-10:	RC Completion - Zone E & E1 3F	0		15-Nov-17		11-Apr-18	100%	0%	-117
AS-3F-10:	RC Completion - Zone F 1MF Infill Slab	0		03-Mar-18		11-May-18	100%	0%	-54
AS-3F-10(	RC Completion - Zone G 3F & 1F Escalator Structure	0		19-Apr-18		07-Apr-18	0%	0%	10
AS-3F-10:	RC Completion - Zone H 3F	0		31-Jan-18		21-Jun-18	100%	0%	-111
AS-3F-10(	RC Completion - Zone H 3F (Remaining section)	0		31-Jan-18		21-Jun-18	100%	0%	-111
AS-3F-10(	RC Completion - Zone J 3F	0		11-Jun-18		09-Jun-18	0%	0%	2
AS-3F-10(	RC Completion - Zone K & L 3/F	0		17-May-18		04-Apr-18	0%	0%	35
AS-3F-10(	RC Completion - Zone K Auditorium Beam & Slab	0		15-Jun-18		28-Jul-18	0%	0%	-35
AS-3F-10:	RC Completion - Zone P 3F	0		03-Mar-18		11-May-18	100%	0%	-54
AS-3F-10:	RC Completion - Zone Q 3F	0		28-Mar-18		13-Jul-18	100%	0%	-85
Scheduled De-proping									
AS-3F-10:	Scheduled De-proping - Zone A1 3F	11	08-Jan-18	20-Jan-18	20-Apr-18	04-May-18	100%	0%	-81
AS-3F-10:	Scheduled De-proping - Zone A2 3F	11	08-Jan-18	20-Jan-18	20-Apr-18	04-May-18	100%	0%	-81
AS-3F-10-	Scheduled De-proping - Zone A3 3F	11	08-Jan-18	20-Jan-18	20-Apr-18	04-May-18	100%	0%	-81
AS-3F-10:	Scheduled De-proping - Zone A4 3F	11	13-Jan-18	26-Jan-18	04-May-18	17-May-18	100%	0%	-87
AS-3F-10-	Scheduled De-proping - Zone A5 3F	11	08-Jan-18	20-Jan-18	20-Apr-18	04-May-18	100%	0%	-81
AS-3F-10:	Scheduled De-proping - Zone C 3F	11	13-Jan-18	26-Jan-18	04-May-18	17-May-18	100%	0%	-87
AS-3F-10:	Scheduled De-proping - Zone D1 3F	11	14-Feb-18	02-Mar-18	28-Apr-18	12-May-18	100%	0%	-56
AS-3F-10:	Scheduled De-proping - Zone E1&E2 3F	11	28-Nov-17	11-Dec-17	24-Apr-18	07-May-18	100%	0%	-115
AS-3F-10:	Scheduled De-proping - Zone G 3F & 1F Escalator Structure	11	04-May-18	17-May-18	20-Apr-18	04-May-18	0%	0%	11
AS-3F-10:	Scheduled De-proping - Zone H 2F	11	13-Feb-18	01-Mar-18	05-Jul-18	17-Jul-18	100%	0%	-110
AS-3F-10:	Scheduled De-proping - Zone H 3F (Remaining section)	11	13-Feb-18	01-Mar-18	05-Jul-18	17-Jul-18	100%	0%	-110
AS-3F-10:	Scheduled De-proping - Zone K & L LGF	11	01-Jun-18	14-Jun-18	18-Apr-18	30-Apr-18	0%	0%	36
AS-3F-10:	Scheduled De-proping - Zone M 3F West Core Wall	11	23-Mar-18	10-Apr-18	02-May-18	15-May-18	50%	0%	-29
AS-3F-10:	Scheduled De-proping - Zone N 4F East Core Wall	11	23-Mar-18	10-Apr-18	02-May-18	15-May-18	50%	0%	-29
M+ Tower RC Structure									
AS-M+1006(	10/F Curing & Falseworks Stripping	0		15-May-18		26-May-18	0%	0%	-9
AS-M+1007(	11/F Curing & Falseworks Stripping	0		30-May-18		09-Jun-18	0%	0%	-9
AS-M+1009(	12/F Curing & Falseworks Stripping	0		13-Jun-18		25-Jun-18	0%	0%	-9
AS-M+1011(	13/F Curing & Falseworks Stripping	0		28-Jun-18		10-Jul-18	0%	0%	-9
AS-M+1001(	5/F Curing & Falseworks Stripping	0		21-Feb-18		10-Mar-18 A	100%	100%	-15
AS-M+1002(	6/F Curing & Falseworks Stripping	0		09-Mar-18		18-Apr-18	100%	0%	-30
AS-M+1003(	7/F Curing & Falseworks Stripping	0		26-Mar-18		07-May-18	100%	0%	-31
AS-M+1004(	8/F Curing & Falseworks Stripping	0		16-Apr-18		07-May-18	0%	0%	-17
AS-M+1005(	9/F Curing & Falseworks Stripping	0		30-Apr-18		11-May-18	0%	0%	-9
CSF RC Structure									
AS-CS-1003(	3/F Curing & Falseworks Stripping	0		07-Dec-17		10-Mar-18 A	100%	100%	-74
AS-CS-1004(	4/F Curing & Falseworks Stripping	0		23-Dec-17		06-Apr-18	100%	0%	-80
AS-CS-1005(	5/F Curing & Falseworks Stripping	0		12-Jan-18		27-Apr-18	100%	0%	-84
AS-CS-1006(	6/F Curing & Falseworks Stripping	0		29-Jan-18		28-May-18	100%	0%	-94
AS-CS-1007(	7/F Curing & Falseworks Stripping	0		14-Feb-18		26-Jun-18	100%	0%	-104
AS-CS-1008(	8/F to +61mPD Curing & Falseworks Stripping	0		06-Mar-18		25-Jul-18	100%	0%	-114
AS-CS-1009(	R/F Curing & Falseworks Stripping	0		21-Apr-18		24-Sep-18	0%	0%	-130
RDE RC Structure									
AS-RD-101(	10/F Curing & Falseworks Stripping	0		24-May-18		30-Aug-18	0%	0%	-83
AS-RD-101:	11/F Curing & Falseworks Stripping	0		09-Jun-18		15-Sep-18	0%	0%	-83
AS-RD-101:	12/F Curing & Falseworks Stripping	0		27-Jun-18		04-Oct-18	0%	0%	-83
AS-RD-100:	3/F Curing & Falseworks Stripping	0		19-Jan-18		21-Apr-18	100%	0%	-73
AS-RD-100:	5/F Curing & Falseworks Stripping	0		24-Feb-18		07-Jun-18	100%	0%	-83
AS-RD-100(	6/F Curing & Falseworks Stripping	0		13-Mar-18		25-Jun-18	100%	0%	-83
AS-RD-100:	7/F Curing & Falseworks Stripping	0		29-Mar-18		12-Jul-18	100%	0%	-83
AS-RD-100:	8/F Curing & Falseworks Stripping	0		19-Apr-18		28-Jul-18	0%	0%	-83
AS-RD-100:	9/F Curing & Falseworks Stripping	0		07-May-18		14-Aug-18	0%	0%	-83



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

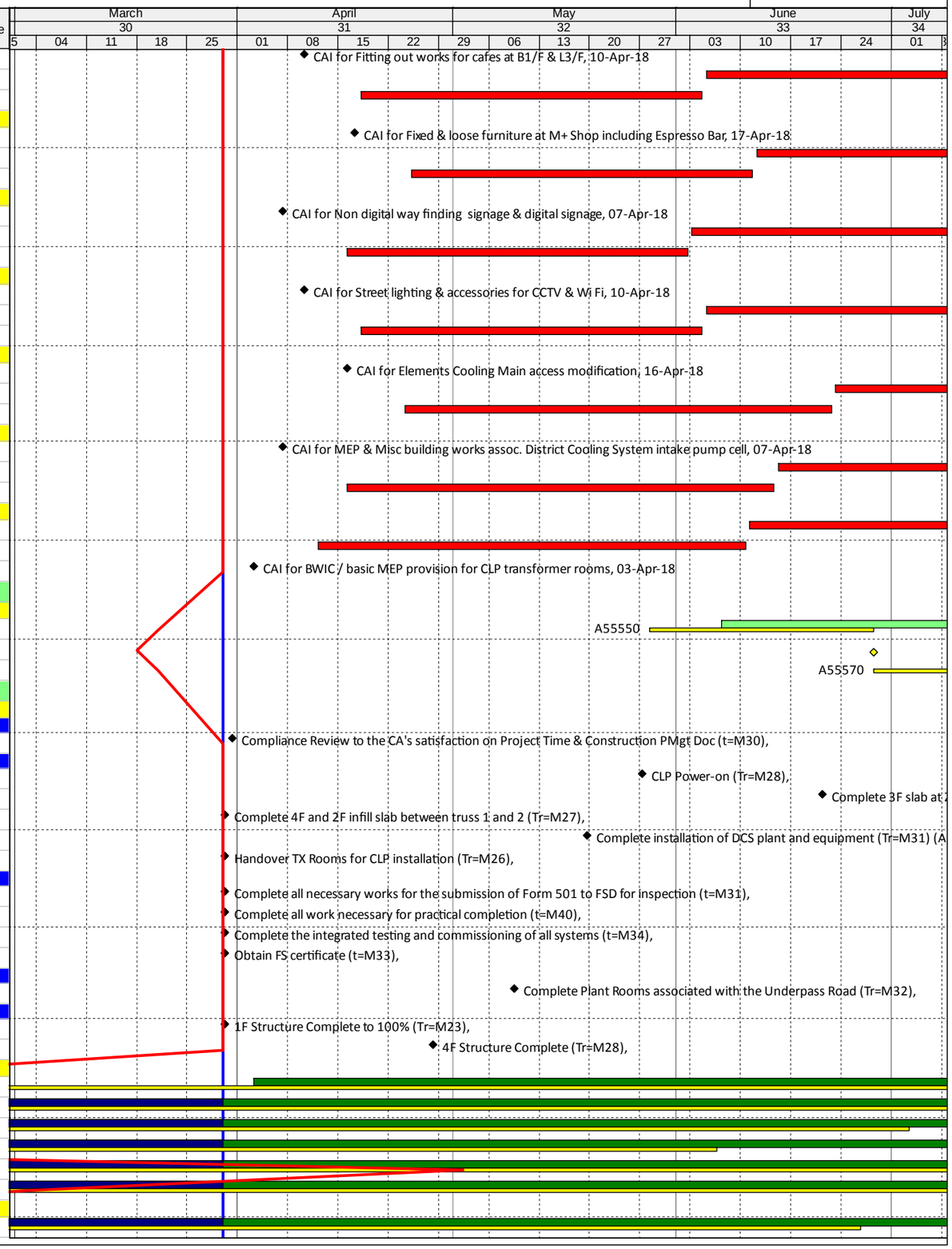
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
Watertight Achieved									
M+ Podium									
WA-PD-10	Zone A Facade Installation Completed (2F GL1-8/A & 1/A-H)	0		07-Mar-18		12-Jul-18	100%	0%	-101
WA-PD-10	Zone E Facade Installation Completed (2F GL 8-11/A)	0		28-Jun-18		18-Oct-18	0%	0%	-93
WA-PD-10	Zone M Facade Installation Completed (2F GL7-8/A-D)	0		18-May-18		13-Jul-18	0%	0%	-45
WA-PD-10	Zone P Plaza Skylight Installation Completed (3F GL6-7/E-H	0		29-Mar-18		18-Jul-18	100%	0%	-87
M+ MEP Preliminaries									
M+ FS									
A65090	Shop Drawing Submission and Approval (Fire Services)	288	20-Oct-17	17-Feb-18	17-Jun-16 A	15-Nov-18	100%	20%	-271
M+ Electrical									
A65070	Shop Drawing Submission and Approval (Electrical)	288	20-Oct-17	17-Feb-18	14-Dec-15 A	15-Nov-18	100%	20%	-271
M+ P&D									
A65080	Shop Drawing Submission and Approval (Plumbing and Drai	288	20-Oct-17	17-Feb-18	24-Mar-16 A	15-Nov-18	100%	20%	-271
M+ HVAC									
A65060	Shop Drawing Submission and Approval (M+ HVAC)	288	20-Oct-17	17-Feb-18	14-Nov-15 A	15-Nov-18	100%	20%	-271
CSF MEP Preliminaries									
M+ HVAC									
A65100	Shop Drawing Submission and Approval (CSF HVAC)	288	20-Oct-17	17-Feb-18	11-Apr-17 A	15-Nov-18	100%	20%	-271
M+ Electrical									
A65110	Shop Drawing Submission and Approval (Electrical)	288	20-Oct-17	17-Feb-18	14-Dec-15 A	15-Nov-18	100%	20%	-271
M+ P&D									
A65120	Shop Drawing Submission and Approval (Plumbing and Drai	288	20-Oct-17	17-Feb-18	16-Nov-16 A	15-Nov-18	100%	20%	-271
M+ FS									
A65130	Shop Drawing Submission and Approval (Fire Services)	288	20-Oct-17	17-Feb-18	17-Jun-16 A	15-Nov-18	100%	20%	-271
RDE MEP Preliminaries									
M+ P&D									
A65160	Shop Drawing Submission and Approval (Plumbing and Drai	288	20-Oct-17	17-Feb-18	14-Dec-16 A	15-Nov-18	100%	20%	-271
M+ HVAC									
A65140	Shop Drawing Submission and Approval (RDE HVAC)	288	20-Oct-17	17-Feb-18	21-Nov-16 A	15-Nov-18	100%	20%	-271
M+ FS									
A65150	Shop Drawing Submission and Approval (Fire Services)	288	20-Oct-17	17-Feb-18	17-Jun-16 A	15-Nov-18	100%	20%	-271
M+ Electrical									
A65170	Shop Drawing Submission and Approval (Electrical)	288	20-Oct-17	17-Feb-18	14-Dec-15 A	15-Nov-18	100%	20%	-271
Provisional Items Cost Centre G (FS / OP non related items tentative for reference only)									
1A) Fixed & loose furniture at Conservation & Storage Facilities									
P1A6000	CAI for Fixed & loose furniture at Conservation & Storage Fa	0			16-Apr-18		0%	0%	
P1A6050	Fixed & loose furniture at Conservation & Storage Facilities D	0			11-Jun-18	25-Mar-19	0%	0%	
P1A6010	Fixed & loose furniture at Conservation & Storage Facilities s	0			24-Apr-18	10-Jun-18	0%	0%	
1B) Fixed & loose furniture at M+ Tower									
P1B6000	CAI for Fixed & loose furniture at M+ Tower	0			18-Apr-18		0%	0%	
P1B6060	Fixed & loose furniture at M+ Tower Design/Shop drawing su	0			13-Jun-18	27-Mar-19	0%	0%	
P1B6010	Fixed & loose furniture at M+ Tower subletting	0			26-Apr-18	12-Jun-18	0%	0%	
1C) Fixed & loose furniture at M+ Galleries									
P1C6000	CAI for Fixed & loose furniture at M+ Galleries	0			16-Apr-18		0%	0%	
P1C6050	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			11-Jun-18	25-Mar-19	0%	0%	
P1C6010	Fixed & loose furniture at M+ Galleries subletting	0			24-Apr-18	10-Jun-18	0%	0%	
1D) Juke Box equipement system & machinery									
P1D6000	CAI for Juke Box equipement system & machinery	0			14-Apr-18		0%	0%	
P1D6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			09-Jun-18	23-Mar-19	0%	0%	
P1D6010	Juke Box equipement system & machinery subletting	0			22-Apr-18	08-Jun-18	0%	0%	
1E) Fixed & loose furniture for Learning Centre									
P1E6000	CAI for Fixed & loose furniture for Learning Centre	0			11-Apr-18		0%	0%	
P1E6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			06-Jun-18	21-Mar-19	0%	0%	
P1E6010	Fixed & loose furniture for Learning Centre subletting	0			19-Apr-18	06-Jun-18	0%	0%	
1F) Fixed & loose furniture for Moving Image Centre									
P1F6000	CAI for Fixed & loose furniture for Moving Image Centre	0			16-Apr-18		0%	0%	
P1F6070	Fixed & loose furniture for Moving Image Centre Design/Shc	0			11-Jun-18	26-Mar-19	0%	0%	
P1F6010	Fixed & loose furniture for Moving Image Centre subletting	0			24-Apr-18	11-Jun-18	0%	0%	
1G) Fixed & loose furniture at M+ Workshop & BOH Area									
P1G6000	CAI for Fixed & loose furniture at M+ Workshop & BOH Area	0			20-Apr-18		0%	0%	
P1G6080	Fixed & loose furniture at M+ Workshop & BOH Area Design	0			15-Jun-18	29-Mar-19	0%	0%	
P1G6010	Fixed & loose furniture at M+ Workshop & BOH Area sublett	0			28-Apr-18	14-Jun-18	0%	0%	
1H) Fitting out works for cafes at B1/F & L3/F									



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

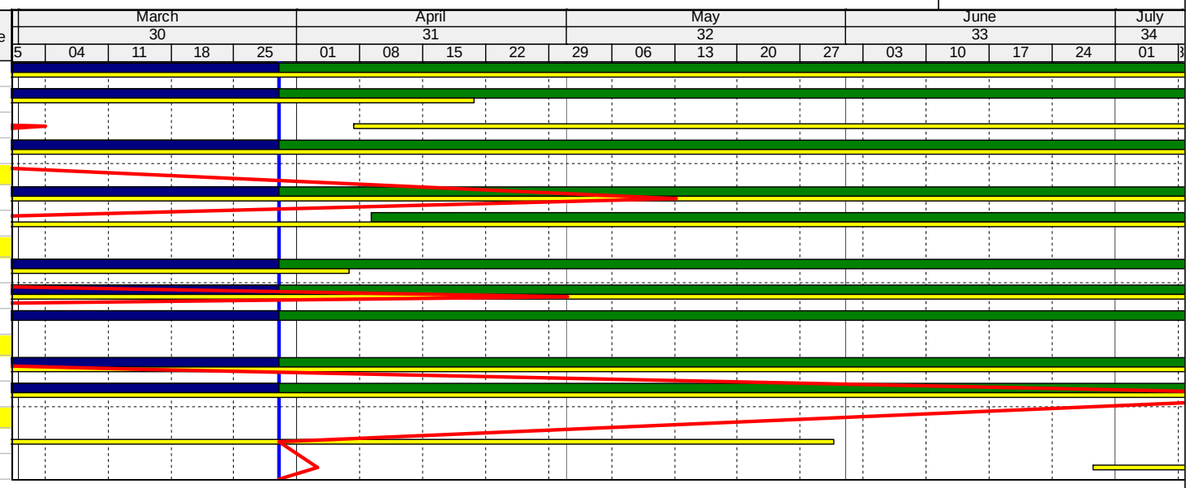
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
P1H6000	CAI for Fitting out works for cafes at B1/F & L3/F	0			10-Apr-18		0%	0%	
P1H6090	Fitting out works for cafes at B1/F & L3/F Design/Shop draw	0			05-Jun-18	19-Mar-19	0%	0%	
P1H6010	Fitting out works for cafes at B1/F & L3/F subletting	0			18-Apr-18	04-Jun-18	0%	0%	
1K) Fixed & loose furniture at M+ Shop including Espresso Bar									
P1K6000	CAI for Fixed & loose furniture at M+ Shop including Espress	0			17-Apr-18		0%	0%	
P1K6100	Fixed & loose furniture at M+ Shop including Espresso Bar D	0			12-Jun-18	26-Mar-19	0%	0%	
P1K6010	Fixed & loose furniture at M+ Shop including Espresso Bar su	0			25-Apr-18	11-Jun-18	0%	0%	
2A) Non digital way-finding signage & digital signage									
P2A6000	CAI for Non digital way finding signage & digital signage	0			07-Apr-18		0%	0%	
P2A6110	Non digital way finding signage & digital signage Design/Shc	0			03-Jun-18	17-Mar-19	0%	0%	
P2A6010	Non digital way finding signage & digital signage subletting	0			16-Apr-18	02-Jun-18	0%	0%	
2B) Street lighting & accessories for CCTV & Wi Fi									
P2B6000	CAI for Street lighting & accessories for CCTV & Wi Fi	0			10-Apr-18		0%	0%	
P2B6120	Street lighting & accessories for CCTV & Wi Fi Design/Shop d	0			05-Jun-18	19-Mar-19	0%	0%	
P2B6010	Street lighting & accessories for CCTV & Wi Fi subletting	0			18-Apr-18	04-Jun-18	0%	0%	
2C) Elements Cooling Main access modification									
P2C6000	CAI for Elements Cooling Main access modification	0			16-Apr-18		0%	0%	
P2C6130	Elements Cooling Main access modification Design/Shop dra	0			23-Jun-18	06-Apr-19	0%	0%	
P2C6010	Elements Cooling Main access modification subletting	0			24-Apr-18	22-Jun-18	0%	0%	
2E) MEP & Misc building works assoc. District Cooling System intake pump cell									
P2E6000	CAI for MEP & Misc building works assoc. District Cooling Sy	0			07-Apr-18		0%	0%	
P2E6140	MEP & Misc building works assoc. District Cooling System in	0			15-Jun-18	29-Mar-19	0%	0%	
P2E6010	MEP & Misc building works assoc. District Cooling System in	0			16-Apr-18	14-Jun-18	0%	0%	
2F) BWIC / basic MEP provision for CLP transformer rooms									
P2F6150	BWIC / basic MEP provision for CLP transformer rooms Desi	0			11-Jun-18	25-Mar-19	0%	0%	
P2F6010	BWIC / basic MEP provision for CLP transformer rooms subl	0			12-Apr-18	10-Jun-18	0%	0%	
P2F6000	CAI for BWIC / basic MEP provision for CLP transformer roo	0			03-Apr-18		0%	0%	
M+ Statutory Inspection, OP & PC									
Plumbing, Portable & Flushing Water									
A55550	Submit Revised Schematic (VPLD) to WSD	27	28-May-18	28-Jun-18	07-Jun-18	10-Jul-18	0%	0%	-9
A55560	Submit WWO46 Part 4 for WSD Inspection	0	28-Jun-18		10-Jul-18		0%	0%	-12
A55570	WSD Inspection	53	28-Jun-18	30-Aug-18	10-Jul-18	10-Sep-18	0%	0%	-9
Contractor's Summary Works Programme									
Milestone Dates									
Cost Centre A - Preliminaries & General Requirements									
MSA.14	Compliance Review to the CA's satisfaction on Project Time	0				31-Mar-18*	0%	0%	
Cost Centre B - M+ Museum & CSF									
MSB.12i	CLP Power-on (Tr=M28)	0				27-May-18	0%	0%	
MSB.06.e	Complete 3F slab at Zone A1 to A5, Zone E and Zone H (Tr=M	0				21-Jun-18	0%	0%	
MSB.06.d	Complete 4F and 2F infill slab between truss 1 and 2 (Tr=M2	0				30-Mar-18	0%	0%	
MSB.12iii	Complete installation of DCS plant and equipment (Tr=M31)	0				19-May-18	0%	0%	
MSB.09i	Handover TX Rooms for CLP installation (Tr=M26)	0				30-Mar-18	0%	0%	
Cost Centre D2 - Interfacing Car Park Works									
MSD2.03	Complete all necessary works for the submission of Form 5(	0				30-Mar-18	0%	0%	
MSD2.06	Complete all work necessary for practical completion (t=M4	0				30-Mar-18	0%	0%	
MSD2.05	Complete the integrated testing and commissioning of all sy	0				30-Mar-18	0%	0%	
MSD2.04	Obtain FS certificate (t=M33)	0				30-Mar-18	0%	0%	
Cost Centre C - Public Works and Tunel Protection Works									
MSC.06	Complete Plant Rooms associated with the Underpass Road	0				09-May-18	0%	0%	
Cost Centre J - RDE Building									
MSJ.01-2	1F Structure Complete to 100% (Tr=M23)	0				30-Mar-18	0%	0%	
MSJ.01a	4F Structure Complete (Tr=M28)	0				28-Apr-18	0%	0%	
M+									
SUM-1600	M+ Podium External Envelope (By Permasteelisa)	265	18-Nov-17	12-Oct-18	03-Apr-18	18-Jan-19	40.34%	0%	-80
SUM-1500	M+ Podium Glass Wall & Skylight (By RedLand, Permasteelis	232	21-Oct-17	04-Aug-18	23-Nov-17 A	18-Jan-19	56.14%	0%	-137
SUM-1100	M+ Podium Structure RC Works	204	20-Oct-17	03-Jul-18	09-Sep-16 A	20-Oct-18	64.11%	59.91%	-92
SUM-1400	M+ Podium Tower Facade Preliminaries	184	20-Oct-17	06-Jun-18	06-Mar-16 A	22-Sep-18	71.24%	75.04%	-91
SUM-1700	M+ Tower External Envelope (By Permasteelisa)	368	20-Oct-17	16-Jan-19	06-Jan-17 A	05-Dec-18	35.61%	49.92%	33
SUM-1300	M+ Tower Structure RC Works	248	20-Oct-17	22-Aug-18	31-Jul-17 A	22-Sep-18	52.82%	24.3%	-27
CSF & RDE Construction									
SUM-2200	CSF Building Facade Preliminaries	200	20-Oct-17	26-Jun-18	03-Mar-17 A	15-Nov-18	65.5%	44.93%	-118



Data Date: 30-Mar-18
Layout Name: 01) CMWP - 3MRP (M30)
File Name: 3MRP-30 Three Months Rolling Programme
Status at 31 Mar 2018

Three Months Rolling Programme (3MRP) - Mth 30 - 31 March 2018?

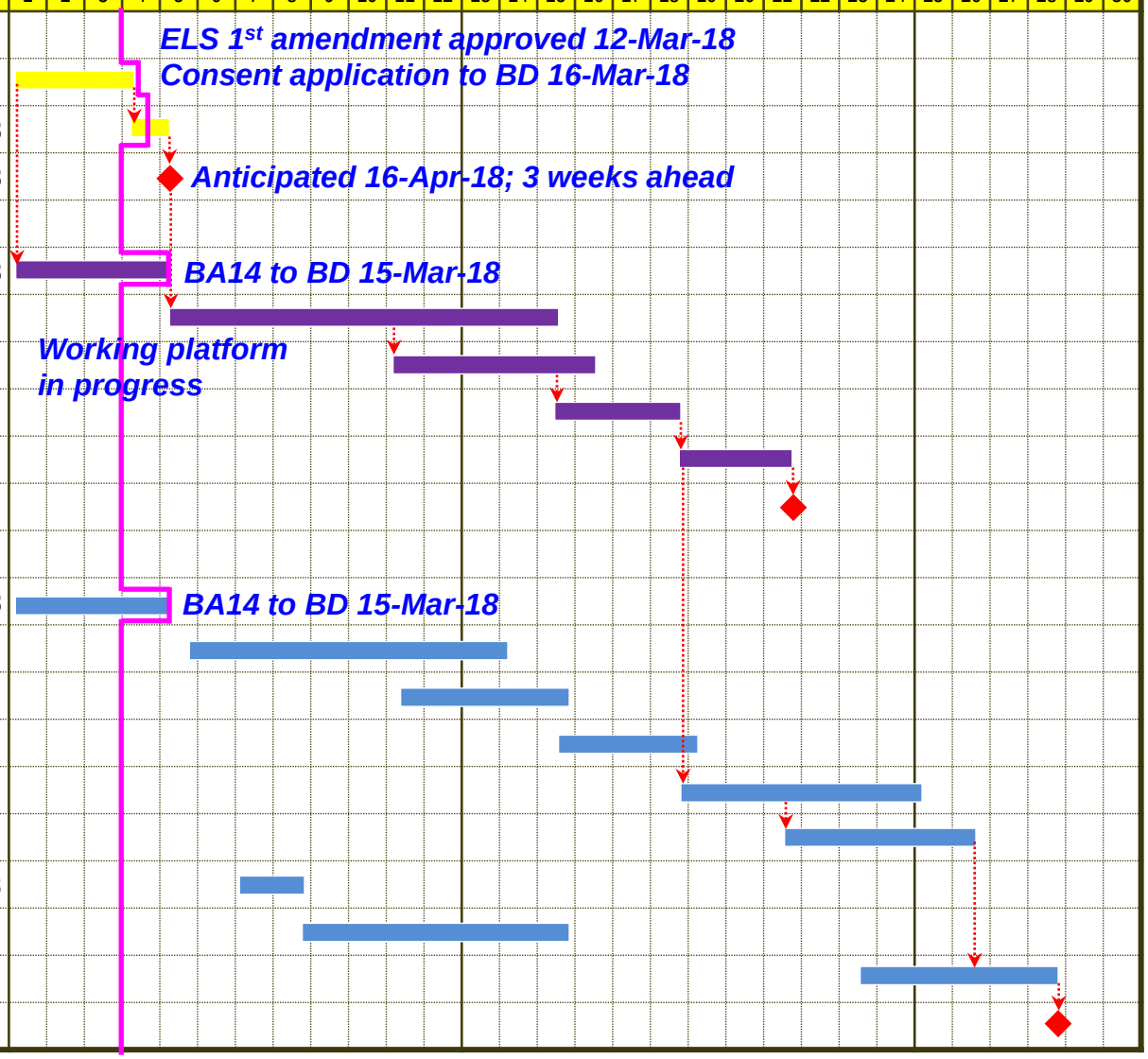
Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8 Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)
SUM-2300	CSF External Envelope	255	20-Oct-17	30-Aug-18	19-Jun-17 A	24-Jan-19	51.46%	0%	-120
SUM-2100	CSF Super-Structure RC Works	146	20-Oct-17	20-Apr-18	20-Mar-17 A	24-Sep-18	89.73%	43.56%	-130
SUM-2600	RDE External Envelope	210	07-Apr-18	15-Dec-18	18-Jul-18	18-Jan-19	0%	0%	-26
SUM-2400	RDE Super-Structure RC Works	281	20-Oct-17	02-Oct-18	29-Mar-17 A	24-Dec-18	46.62%	27.84%	-70
ABWF & Building Services									
SUM-3200	ABWF & Building Services Installation	443	20-Oct-17	23-Apr-19	06-Apr-17 A	26-Feb-19	29.54%	55.43%	44
SUM-3000	Lifts and Escalators	309	22-Dec-17	09-Jan-19	09-Apr-18	29-Mar-19	25.24%	0%	-65
ICP & SPS									
SUM-4200	External Works	134	20-Oct-17	06-Apr-18	29-Dec-16 A	08-Sep-18	97.76%	55.19%	-128
SUM-4100	ICP WORKS (Interfacing Car Park)	312	20-Oct-17	09-Nov-18	29-Oct-16 A	29-Sep-18	41.97%	73.35%	32
SUM-4000	SPS WORKS (Sewerage Pumping Station)	43	20-Oct-17	11-Dec-17	29-Jul-16 A	08-Sep-18	100%	31.54%	-219
Co-ordinated External Works & Utilities Services Installation									
SUM-5100	Construction	311	20-Oct-17	07-Nov-18	12-Jul-16 A	24-Nov-18	42.18%	67.18%	-15
SUM-5000	Interface Dates	497	20-Oct-17	27-Jun-19	10-Jan-15 A	25-Jan-19	26.37%	78.25%	121
M+ Statutory Inspection, OP & PC									
SUM-8020	EPD Genset	148	25-Nov-17	30-May-18	16-Jun-17 A	27-Sep-17 A	68.24%	100%	196
SUM-8040	WSD Inspection (Flushing & Portable)	67	28-Jun-18	15-Sep-18	10-Jul-18	10-Sep-18	0%	0%	4



Lyric Theatre Complex

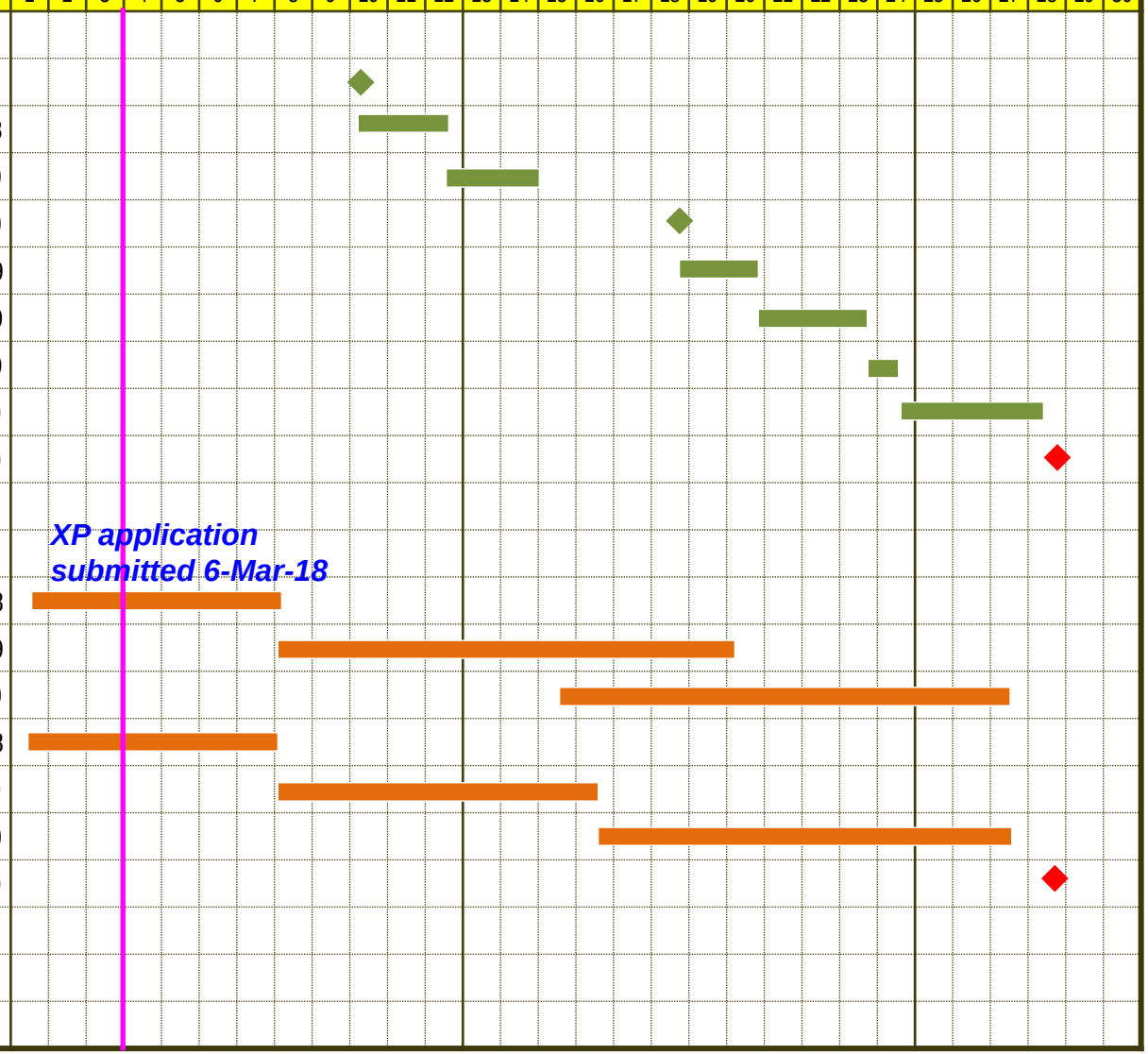
Summary Works Programme (As at 31-Mar-18)

Work Item	Start	Finish
1. SUBMISSIONS		
a) Approval of ELS Amendment	08-Jan-18	07-Apr-18
b) BD Consent For ELS / Excavation	09-Apr-18	07-May-18
c) KD01 (120 days CoW)		07-May-18
2. SOUTHERN BASEMENT		
a) SB King Post Works & BA14	08-Jan-18	07-May-18
b) SB ELS & Excavation	08-May-18	12-Mar-19
c) SB Pile Cap	03-Nov-18	11-Apr-19
d) SB B2/F, B1/F & G/F Structure	15-Mar-19	24-Jun-19
e) SB Box Culvert & Miscellaneous	25-Jun-19	28-Sep-19
f) KD03 (630 days CoW)		29-Sep-19
3. NORTHERN BASEMENT		
a) NB King Post Works & BA14	08-Jan-18	07-May-18
b) 2) NB ELS & Excavation	26-May-18	09-Feb-19
c) NB Pile Cap	15-Nov-18	27-Mar-19
d) NB B2/F, B1/F & G/F Structure	21-Mar-19	09-Jul-19
e) AEL Long Span Beams	25-Jun-19	02-Jan-20
f) AEL Structure between Beams	23-Sep-19	21-Feb-20
g) Area 6 Award & Coordination	03-Jul-18	27-Aug-18
h) Area 6 Pile Cap to B1M Structure	28-Aug-18	28-Mar-19
i) NB Box Culvert & Miscellaneous	20-Nov-19	25-Apr-20
j) KD04 (840 days CoW)		26-Apr-20



Summary Works Programme (As at 31-Mar-18)

Work Item	Start	Finish
4. BOX CULVERT & DCS WORKS		
a) DCS Intake H/O M39 & M41A to L1		06-Oct-18
b) DCS Intake Prep. & Demolish ESS	08-Oct-18	18-Dec-18
c) DCS Intake BD Consent & Excav.	19-Dec-18	28-Feb-19
d) BC/DCS Outfall Comp of SB Struct.		24-Jun-19
e) BC/DCS Outfall ELS & Excavation	25-Jun-19	28-Aug-19
f) BC/DCS Outfall Cast In-situ Culvert	29-Aug-19	25-Nov-19
g) BC/DCS Outfall Excav. / Remove SW	26-Nov-19	21-Dec-19
h) BC/DCS Outfall Pre-cast Culvert	23-Dec-19	21-Apr-20
i) KD04 / KD05 (840 days CoW)		26-Apr-20
5. AR WEST & EXTERNAL WORKS		
a) AR West TTM & Excav. Permit	18-Jan-18	04-Aug-18
b) AR West Drainage & Utilities	06-Aug-19	09-Aug-19
c) AR West Road Works	14-Mar-19	17-Mar-20
d) Ext. Work TTM & Excav. Permit	18-Jan-18	04-Aug-18
e) Ext. Work Drainage	06-Aug-18	18-Apr-19
f) Ext. Work Utilities & Road Works	23-Apr-19	10-Mar-20
g) KD05 (840 days CoW)		26-Apr-20



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
AM2A	274.2	500

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

Monitoring Station	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
AM1	143.6	260
AM2A	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 documented complaint is received from any one of the sensitive receivers	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	WKCDA	Contractor
Action Level				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and WKCDA; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
2. Exceedance for two or more consecutive samples	1. Identify source; 2. Inform IEC and WKCDA; 3. Advise the WKCDA 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 WKCDA; 8. If exceedance stops, cease additional monitoring.	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.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Submit proposals for remedial to WKCDA within three working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.
Limit Level				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform WKCDA, 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 WKCDA informed of the results.	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 WKCDA on the effectiveness of the proposed remedial measures; 5. Monitor the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	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	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.	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.	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. 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.	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.

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	WKCDA	Contractor
Action Level	1. Notify WKCDA, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, WKCDA and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the WKCDA accordingly; 3. Advise the WKCDA on the effectiveness of the proposed remedial measures.	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.	1. Submit noise mitigation proposals to IEC and WKCDA; 2. Implement noise mitigation proposals.
Limit Level	1. Inform IEC, WKCDA, 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 WKCDA on remedial measures required; 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.	1. Discuss amongst WKCDA, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCDA accordingly.	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.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and WKCDA 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 WKCDA 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	1. Design check to make sure the design complies with all the proposed mitigation measures in the EIA report; 2. Prepare and submit report.	1. Check report submitted by ET; 2. Recommend remedial design if necessary.	1. Undertake remedial design if necessary.	-
Non-conformity on one occasion	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.	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.	1. Notify Contractor; 2. Ensure remedial actions are properly implemented.	1. Amend working method as necessary; 2. Rectify damage and undertake necessary replacement and remedial actions.
Repeated non-conformity	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.	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.	1. Notify Contractor; 2. Ensure remedial actions are properly implemented.	1. Amend working method as necessary; 2. Rectify damage and undertake necessary replacement and remedial actions.

E. Monitoring Schedule

MARCH 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3 AM1, AM2A - 24hrTSP, 1hr TSP x3
4	5	6	7	8	9 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	10
11	12	13	14	15 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	16	17
18	19	20	21 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	22	23	24
25	26	27 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	28	29 AM1, AM2A - 24hrTSP*, 1hr TSP x3	30	31
		Notes: AM1 - International Commerce Centre (ICC) AM2A - Austin Road West (Opposite to The Harbourside) NM1A - International Commerce Centre (ICC) *24hr TSP impact monitoring at AM1 station on 29/03/2018 was suspended due to electricity issue, the monitoring was rescheduled to 03/04/2018.				

APRIL 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 AM1 - 24hrTSP*	4 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	5	6	7
8	9	10 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	11	12	13	14
15	16 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	17	18	19	20 AM1, AM2A - 24hrTSP, 1hr TSP x3	21
22	23	24	25	26 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	27	28
29	30					

Notes:
AM1 - International Commerce Centre (ICC)
AM2A - Austin Road West (Opposite to The Harbourside)
NM1A - International Commerce Centre (ICC)
*24hr TSP impact monitoring at AM1 station on 29/03/2018 was suspended due to electricity issue, the monitoring was rescheduled to 03/04/2018.

F. Calibration Certifications

High-Volume TSP Sampler
5-Point Calibration Record

Location : AM1(ICC)
Calibrated by : K.T.Ho
Date : 12/02/2018

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

Calibration Orifice and Standard Calibration Relationship
Serial Number : 2454
Service Date : 20 Mar 2017
Slope (m) : 2.08464
Intercept (b) : -0.03684
Correlation Coefficient(r) : 0.99994

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

Calibration Condition
Pa (hpa) : 1022
Ta(K) : 290

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (chart)	Y (corrected)
1	18 holes	11.2	3.408	1.652	58	59.06
2	13 holes	8.2	2.916	1.416	50	50.91
3	10 holes	6.2	2.535	1.234	42	42.76
4	7 holes	4.4	2.136	1.042	34	34.62
5	5 holes	2.6	1.642	0.805	22	22.40

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

Sampler Calibration Relationship

Slope(m):43.329 Intercept(b): -11.344 Correlation Coefficient(r): 0.9972

Checked by: Date: 13/02/2018
Magnum Fan

High-Volume TSP Sampler
5-Point Calibration Record

Location	:	AM2A (Harbourside)
Calibrated by	:	K.T.Ho
Date	:	12/02/2018

Sampler

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

Calibration Orifice and Standard Calibration Relationship

Serial Number	:	2454
Service Date	:	20 Mar 2017
Slope (m)	:	2.08464
Intercept (b)	:	-0.03684
Correlation Coefficient(r)	:	0.99994

Standard Condition

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

Calibration Condition

Pa (hpa)	:	1022
Ta(K)	:	290

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (chart)	Y (corrected)
1	18 holes	11.4	3.438	1.667	62	63.13
2	13 holes	9.0	3.055	1.483	56	57.02
3	10 holes	6.4	2.576	1.253	48	48.87
4	7 holes	4.2	2.087	1.019	36	36.65
5	5 holes	2.2	1.510	0.742	26	26.47

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

Sampler Calibration Relationship

Slope(m):40.581 Intercept(b):-3.598 Correlation Coefficient(r): 0.9973

Checked by:_____ Date: 13/02/2018
Magnum Fan

TISCH ENVIRONMENTAL, INC.
145 SOUTH MIAMI AVE
VILLAGE OF CLEVES, OH
45002
513.467.9000
877.263.7610 TOLL FREE
513.467.9009 FAX

TISCH Environmental

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Mar 20, 2017 Rootsmeter S/N 0438320 Ta (K) - 293
Operator Tisch Orifice I.D. - 2454 Pa (mm) - 759.46

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1	NA	NA	1.00	1.4390	3.2	2.00
2	NA	NA	1.00	1.0240	6.4	4.00
3	NA	NA	1.00	0.9170	7.9	5.00
4	NA	NA	1.00	0.8730	8.8	5.50
5	NA	NA	1.00	0.7200	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0120	0.7033	1.4257		0.9958	0.6920	0.8784
1.0078	0.9842	2.0163		0.9916	0.9683	1.2423
1.0057	1.0967	2.2543		0.9895	1.0791	1.3889
1.0045	1.1507	2.3643		0.9884	1.1322	1.4567
0.9992	1.3878	2.8514		0.9831	1.3654	1.7568
Qstd slope (m) =		2.08464		Qa slope (m) =		1.30537
intercept (b) =		-0.03684		intercept (b) =		-0.02270
coefficient (r) =		0.99994		coefficient (r) =		0.99994
y axis = SQRT[H2O(Pa/760)(298/Ta)]				y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

Vstd = Diff. Vol[(Pa-Diff. Hg)/760](298/Ta)
Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa]
Qa = Va/Time

For subsequent flow rate calculations:

Qstd = 1/m{[SQRT(H2O(Pa/760)(298/Ta))]- b}
Qa = 1/m{[SQRT H2O(Ta/Pa)]- b}

SIBATA

SIBATA SCIENTIFIC TECHNOLOGY LTD.
1-1-62, Nakane, Soka, Saitama, 340-0005 Japan
TEL : 048-933-1582 FAX : 048-933-1591

CALIBRATION CERTIFICATE

Date: July 27, 2017

Equipment Name	:	Digital Dust Indicator, Model LD-3B
Code No.	:	080000-42
Quantity	:	1 unit
Serial No.	:	245833
Sensitivity	:	0.001 mg/m3
Sensitivity Adjustment	:	711CPM
Scale Setting	:	Jul 25, 2017

We hereby certify that the avobe mentioned instrment has been calibrated satisfactory.

Sincerely

SIBATA SCIENTIFIC TECHNOLOGY LTD.

Tong Zhang

Tong Zhang
Overseas Sales Division

REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO.	: HK1710682
PROJECT NAME	: PERFORMANCE CHECK / CALIBRATION OF DUST METER
DATE OF ISSUE	: 21/8/2017
CUSTOMER	: Envirotech Services Company
ADDRESS	: Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

REPORT NO.	: HK1710682
PROJECT ITEM NO.	: HK1710682-01
PERFORMANCE CHECK / CALIBRATED EQUIPMENT	
TYPE	: Digital Dust Indicator
MANUFACTURER	: SIBATA
MODEL NO.	: LD-3B
SERIAL NO.	: 245833
EQUIPMENT NO.	: ---
RECEIPT DATE	: 18/8/2017
PERFORMANCE CHECK / CALIBRATION DATE	: 18/8/2017

PERFORMANCE CHECK / CALIBRATION Information

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory : Issue Date: 21/8/2017

Wong Po Yan Pauline
(Assistant Laboratory Manager)

PILOT TESTING

REPORT OF PERFORMANCE CHECK / CALIBRATION

PROJECT NAME	:	PERFORMANCE CHECK / CALIBRATION OF DUST METER
DATE OF ISSUE	:	21/8/2017
REPORT NO.	:	HK1710682

PERFORMANCE CHECK / CALIBRATED EQUIPMENT

TYPE	:	Digital Dust Indicator
MANUFACTURER	:	SIBATA
MODEL NO.	:	LD-3B
SERIAL NO.	:	245833
EQUIPMENT NO.	:	---
SENSITIVITY ADJUSTMENT	:	---
PERFORMANCE CHECK / CALIBRATION DATE	:	18/8/2017

STANDARD EQUIPMENT

	:	
TYPE	:	HIGH VOLUME AIR SAMPLER
MANUFACTURER	:	TISCH
MODEL NO.	:	TE-5170
EQUIPMENT REF NO.	:	PTL_HV002
LAST CALIBRATION DATE	:	31/7/2017

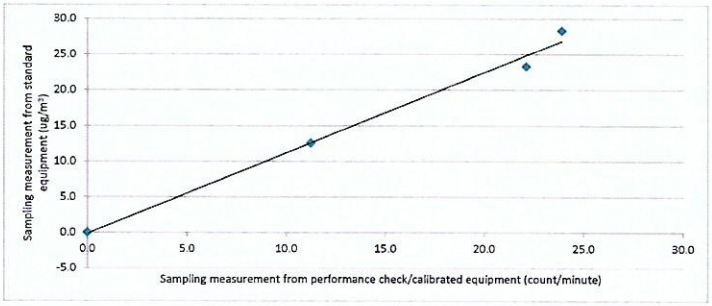
EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 712 CPM
Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 712 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m^3 (Standard equipment) (Y - Axis)	Total Count[2] (Performance Check / Calibrated equipment)	Concentration in Count/Minute[3] (Performance Check / Calibrated equipment) (X - Axis)
Zero Check[1]	18/8/2017,1:15:00 PM	30.4	1010	0	0	0
1	18/8/2017,2:19:00 PM	30.4	1010	23	1327	22
2	18/8/2017,3:24:00 PM	30.4	1010	28	1434	24
3	18/8/2017,4:29:00 PM	30.4	1010	13	674	11

Linear Regression of Y on X

Slope (K- factor)	:	1.1
Correlation Coefficient	:	0.9953
Validity of Performance Check / Calibration Record	:	18/8/2018



Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.
2. Total Count was measured by Digital Dust Indicator.
3. Count/minute was calcuated by (Total Count/60)
4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: Lau, Natalie Signature: Natalie Date: 18/8/2017

Checked by: Wong Po Yan, Pauline Signature: Date: 21/8/2017

SIBATA

SIBATA SCIENTIFIC TECHNOLOGY LTD.
1-1-62, Nakane, Soka, Saitama, 340-0005 Japan
TEL : 048-933-1582 FAX : 048-933-1591

CALIBRATION CERTIFICATE

Date: July 27, 2017

Equipment Name	:	Digital Dust Indicator, Model LD-3B
Code No.	:	080000-42
Quantity	:	1 unit
Serial No.	:	276015
Sensitivity	:	0.001 mg/m3
Sensitivity Adjustment	:	721CPM
Scale Setting	:	Jul 6, 2017

We hereby certify that the avobe mentioned instrment has been calibrated satisfactory.

Sincerely

SIBATA SCIENTIFIC TECHNOLOGY LTD.

Tong Zhang

Tong Zhang
Overseas Sales Division

PILOT TESTING

REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO.	: HK1710683
PROJECT NAME	: PERFORMANCE CHECK / CALIBRATION OF DUST METER
DATE OF ISSUE	: 21/8/2017
CUSTOMER	: Envirotech Services Company
ADDRESS	: Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

REPORT NO.	: HK1710683
PROJECT ITEM NO.	: HK1710683-01
PERFORMANCE CHECK / CALIBRATED EQUIPMENT	
TYPE	: Digital Dust Indicator
MANUFACTURER	: SIBATA
MODEL NO.	: LD-3B
SERIAL NO.	: 276015
EQUIPMENT NO.	: ---
RECEIPT DATE	: 18/8/2017
PERFORMANCE CHECK / CALIBRATION DATE	: 18/8/2017

PERFORMANCE CHECK / CALIBRATION Information

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory : Wong Po Yan Pauline
(Assistant Laboratory Manager)

Issue Date: 21/8/2017

PILOT TESTING

REPORT OF PERFORMANCE CHECK / CALIBRATION

PROJECT NAME	:	PERFORMANCE CHECK / CALIBRATION OF DUST METER
DATE OF ISSUE	:	21/8/2017
REPORT NO.	:	HK1710683

PERFORMANCE CHECK / CALIBRATED EQUIPMENT

TYPE	:	Digital Dust Indicator
MANUFACTURER	:	SIBATA
MODEL NO.	:	LD-3B
SERIAL NO.	:	276015
EQUIPMENT NO.	:	---
SENSITIVITY ADJUSTMENT	:	---
PERFORMANCE CHECK / CALIBRATION DATE	:	18/8/2017

STANDARD EQUIPMENT

TYPE	:	HIGH VOLUME AIR SAMPLER
MANUFACTURER	:	TISCH
MODEL NO.	:	TE-5170
EQUIPMENT REF NO.	:	PTL_HV002
LAST CALIBRATION DATE	:	31/7/2017

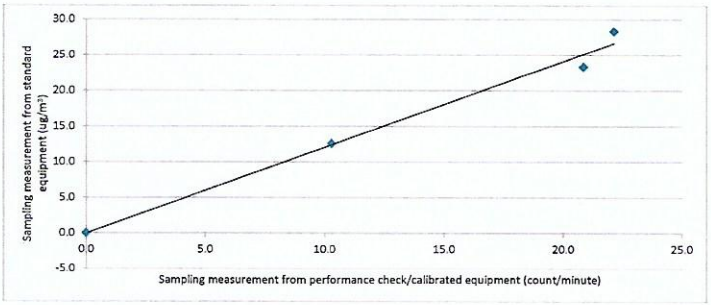
EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 721 CPM
Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 721 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m^3 (Standard equipment) (Y - Axis)	Total Count[2] (Performance Check / Calibrated equipment)	Concentration in Count/Minute[3] (Performance Check / Calibrated equipment) (X - Axis)
Zero Check[1]	18/8/2017,1:15:00 PM	30.4	1010	0	0	0
1	18/8/2017,2:19:00 PM	30.4	1010	23	1252	21
2	18/8/2017,3:24:00 PM	30.4	1010	28	1329	22
3	18/8/2017,4:29:00 PM	30.4	1010	13	618	10

Linear Regression of Y on X

Slope (K- factor)	:	1.2
Correlation Coefficient	:	0.9937
Validity of Performance Check / Calibration Record	:	18/8/2018



Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.
2. Total Count was measured by Digital Dust Indicator.
3. Count/minute was calcuated by (Total Count/60)
4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: Lau, Natalie Signature: Natalie Date: 18/8/2017

Checked by: Wong Po Yan, Pauline Signature: Date: 21/8/2017

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C174093
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC17-1613) Date of Receipt / 收件日期 : 11 July 2017

Description / 儀器名稱	:	Precision Integrating Sound Level Meter
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NL-18
Serial No. / 編號	:	00360030
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 ± 2)°C Relative Humidity / 相對濕度 : (55 ± 20)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration

DATE OF TEST / 測試日期 : 22 July 2017

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification. (after adjustment)
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
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- 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 簽發日期 : 24 July 2017

Sun Creation Engineering Limited Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel 電話: 2927 2606 Fax 傳真: 2744 8986 E-mail 電郵: callab@suncreation.com Website 網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : C174093
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration using the internal standard (After Adjustment) was performed before the test from 6.1.1.2 to 6.4.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C170048
CL281	Multifunction Acoustic Calibrator	PA160023

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 110	LA	A	Fast	94.00	1	* 92.9	± 0.7

* Out of IEC 60651 Type 1 Spec.

6.1.1.2 After Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 110	LA	A	Fast	94.00	1	94.1	± 0.7

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
60 - 120	LA	A	Fast	94.00	1	94.1 (Ref.)
				104.00		104.1
				114.00		114.1

IEC 60651 Type 1 Spec. : ± 0.4 dB per 10 dB step and ± 0.7 dB for overall different.

Certificate of Calibration
校正證書

Certificate No. : C174093
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 110	LA	A	Fast	94.00	1	94.1	Ref.
			Slow			94.0	± 0.1

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration		
50 -110	LA	A	Fast	106.00	Continuous	106.0	Ref.
	LAmx				200 ms	105.1	-1.0 ± 1.0
	LA		Slow		Continuous	106.0	Ref.
	LAmx				500 ms	102.4	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 110	LA	A	Fast	94.00	31.5 Hz	54.5	-39.4 ± 1.5
					63 Hz	67.7	-26.2 ± 1.5
					125 Hz	77.7	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.7	-3.2 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	95.4	+1.2 ± 1.0
					4 kHz	95.1	+1.0 ± 1.0
					8 kHz	93.0	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)

Certificate of Calibration
校正證書

Certificate No. : C174093
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 110	LC	C	Fast	94.00	31.5 Hz	90.9	-3.0 ± 1.5
					63 Hz	93.2	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.0
					250 Hz	94.1	0.0 ± 1.0
					500 Hz	94.2	0.0 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	94.0	-0.2 ± 1.0
					4 kHz	93.3	-0.8 ± 1.0
					8 kHz	91.1	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.8	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Integrating Time	Freq. (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
50 - 110	LAeq	A	10 sec.	4	1	1/10	110	100	100.1	± 0.5
						$1/10^2$		90	90.1	± 0.5
			60 sec.			$1/10^3$		80	79.5	± 1.0
			5 min.			$1/10^4$		70	69.8	± 1.0

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C174093
證書編號

Remarks : - UUT Microphone Model No. : UC-53A & S/N : 307435

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :

94 dB	: 31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
Burst equivalent level		: ± 0.2 dB (Ref. 110 dB continuous sound level)

- 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.

Sun Creation Engineering Limited Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel 電話: 2927 2606 Fax 傳真: 2744 8986 E-mail 電郵: callab@suncreation.com Website 網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C171447
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC17-0633) Date of Receipt / 收件日期 : 16 March 2017

Description / 儀器名稱 : Sound Level Calibrator
Manufacturer / 製造商 : Rion
Model No. / 型號 : NC-73
Serial No. / 編號 : 10486660
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 ± 2)°C Relative Humidity / 相對濕度 : (55 ± 20)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 17 March 2017

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
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
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong, Technical Officer

Certified By 核證 : K C Lee, Project Engineer

Date of Issue 簽發日期 : 23 March 2017

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C171447
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C163709
CL281	Multifunction Acoustic Calibrator	PA160023
TST150A	Measuring Amplifier	C161175

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.6	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	0.987	1 kHz ± 2 %	± 1

Remark : 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.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

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Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C174092
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC17-1613) Date of Receipt / 收件日期 : 11 July 2017

Description / 儀器名稱	:	Sound Level Calibrator
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NC-73
Serial No. / 編號	:	10786708
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 ± 2)°C Relative Humidity / 相對濕度 : (55 ± 20)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 22 July 2017

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
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
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- 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 簽發日期 : 24 July 2017

Sun Creation Engineering Limited Calibration & Testing Laboratory
c/o 4 F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel 電話: 2927 2606 Fax 傳真: 2744 8986 E-mail 電郵: callab@suncreation.com Website 網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C174092
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C173864
CL281	Multifunction Acoustic Calibrator	PA160023
TST150A	Measuring Amplifier	C161175

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.0	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	0.986	1 kHz ± 2 %	± 1

Remark : 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.

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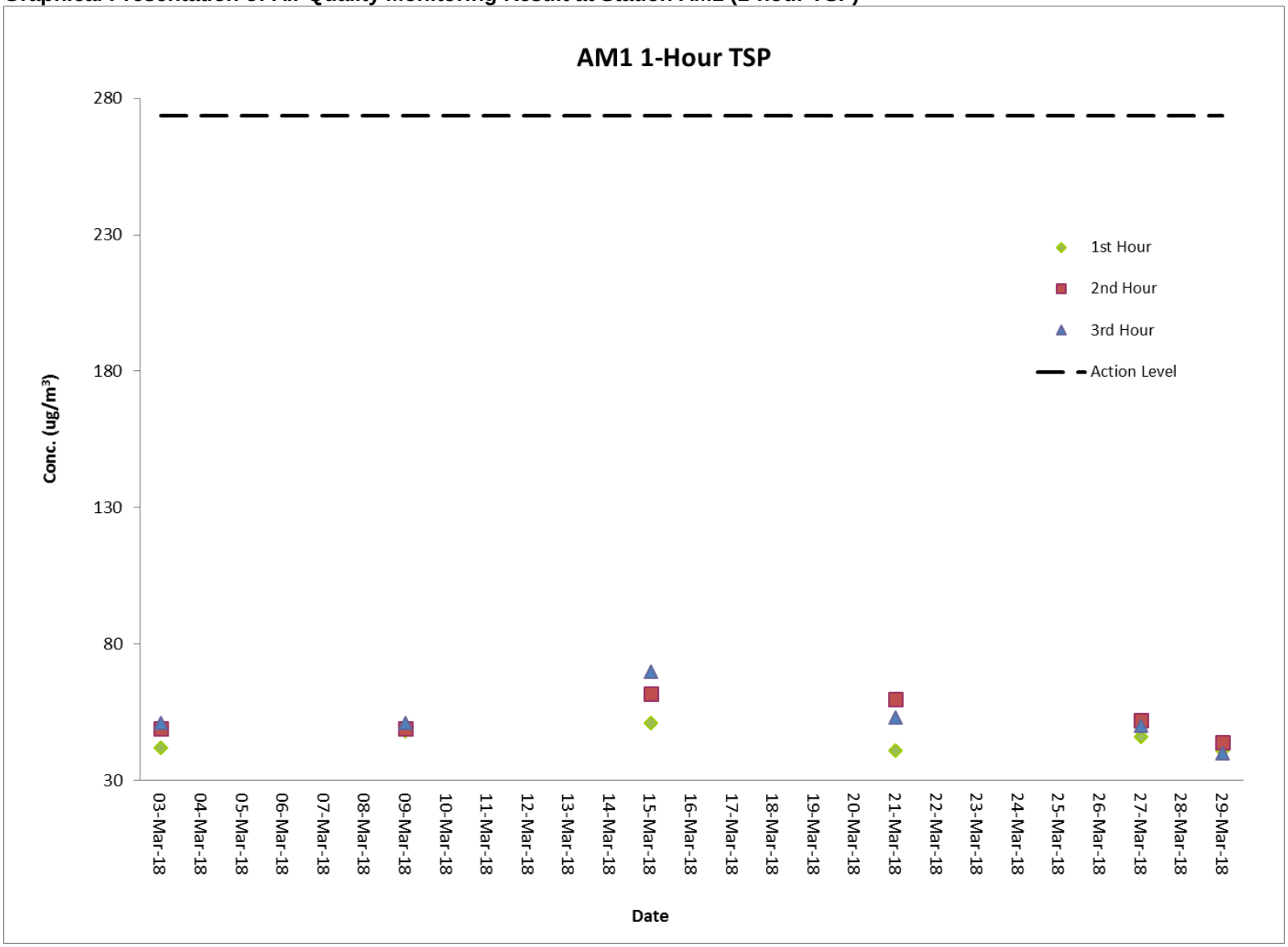
G. Graphical Plots of the Monitoring Results

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

Date	Weather Condition	Time	Conc. (µg/m3)			Action Level (µg/m3)	Limit Level (µg/m3)
			1st Hour	2nd Hour	3rd Hour		
03-Mar-18	Cloudy	8:02 - 11:02	42	49	51	273.7	500
09-Mar-18	Sunny	10:52 - 16:00	48	49	51	273.7	500
15-Mar-18	Cloudy	10:50 - 16:00	51	62	70	273.7	500
21-Mar-18	Sunny	10:42 - 16:00	41	60	53	273.7	500
27-Mar-18	Cloudy	10:32 - 16:00	46	52	50	273.7	500
29-Mar-18	Cloudy	8:10 - 11:10	41	44	40	273.7	500

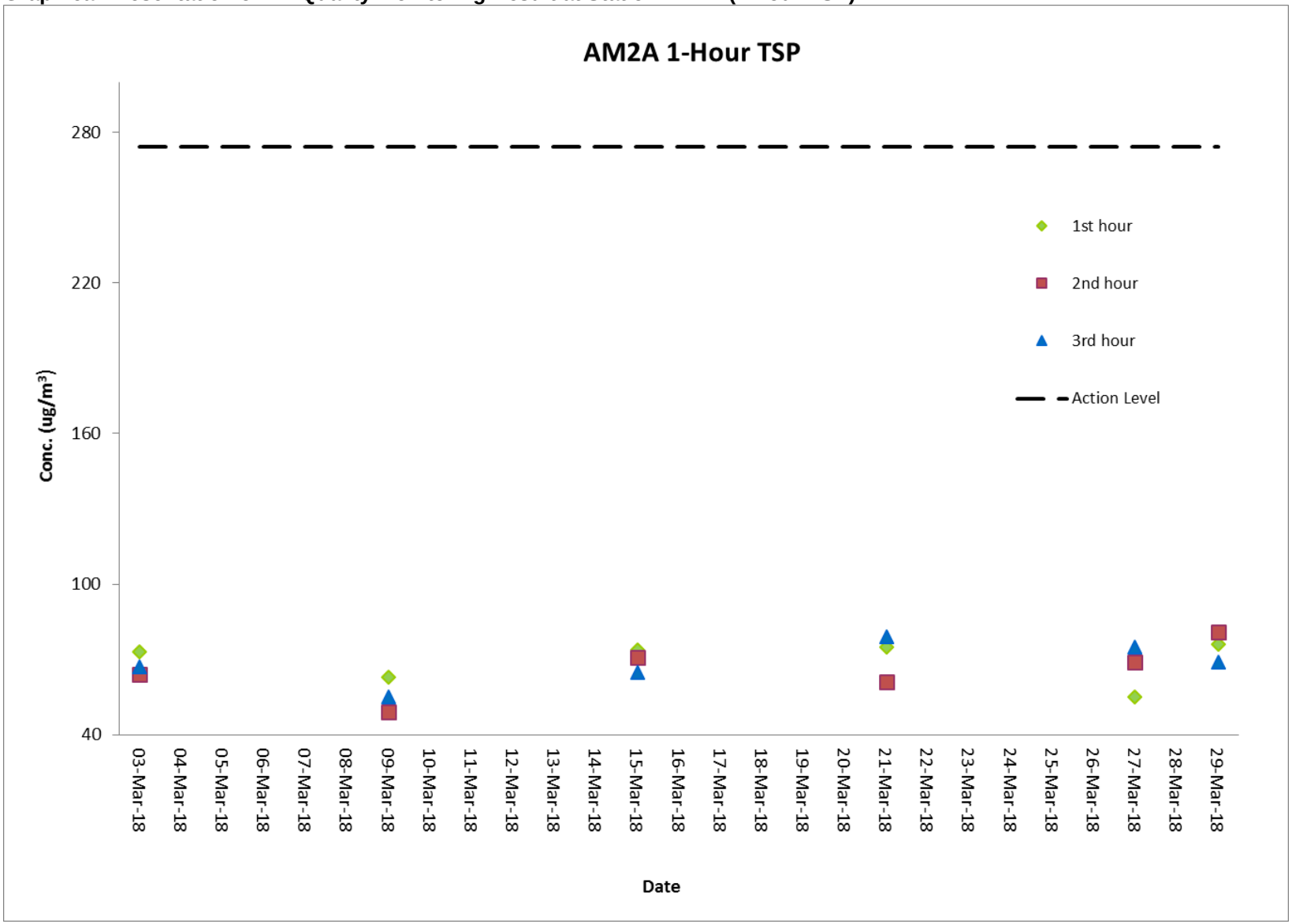
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



Air Quality Monitoring Result at Station AM2A (1-hour TSP)

Date	Weather Condition	Time	Conc. (µg/m3)			Action Level (µg/m3)	Limit Level (µg/m3)
			1st Hour	2nd Hour	3rd Hour		
03-Mar-18	Cloudy	8:15 - 11:15	73	64	67	274.2	500
09-Mar-18	Sunny	11:04 - 16:10	63	49	55	274.2	500
15-Mar-18	Cloudy	11:02 - 16:10	74	71	65	274.2	500
21-Mar-18	Sunny	10:54 - 16:10	75	61	79	274.2	500
27-Mar-18	Cloudy	10:44 - 16:10	55	69	75	274.2	500
29-Mar-18	Cloudy	8:22 - 11:22	76	81	69	274.2	500

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (1-hour TSP)

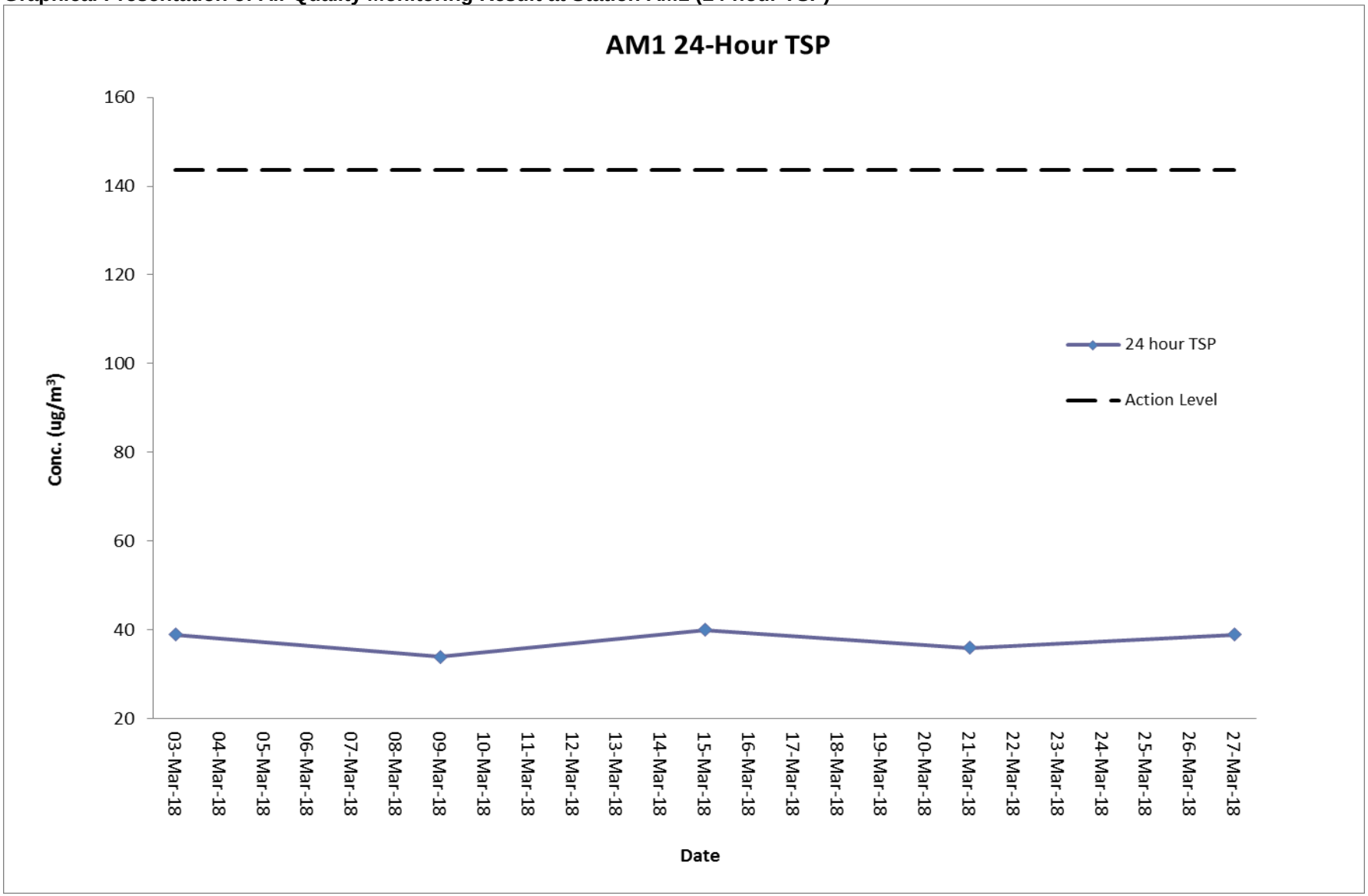


Air Quality Monitoring Result at Station AM1 (24-hour TSP)

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				
03-Mar-18	08:00	04-Mar-18	08:00	2.7128	2.7813	22320.38	22344.38	24	1.23	1.23	1.23	39	Cloudy	143.6	260
09-Mar-18	10:50	10-Mar-18	10:50	2.7218	2.7827	22344.38	22368.38	24	1.23	1.23	1.23	34	Sunny	143.6	260
15-Mar-18	10:48	16-Mar-18	10:48	2.7120	2.7835	22368.38	22392.38	24	1.23	1.23	1.23	40	Cloudy	143.6	260
21-Mar-18	10:40	22-Mar-18	10:40	2.73	2.793	22392.38	22416.38	24	1.23	1.23	1.23	36	Sunny	143.6	260
27-Mar-18	10:30	28-Mar-18	10:30	2.7545	2.8243	22416.38	22440.38	24	1.23	1.23	1.23	39	Cloudy	143.6	260
29-Mar-18	Monitoring was suspended.*														

Remarks: *24-hour TSP impact monitoring at AM1 station on 29/03/2018 was suspended due to electricity issue, the monitoring was rescheduled to 03/04/2018.

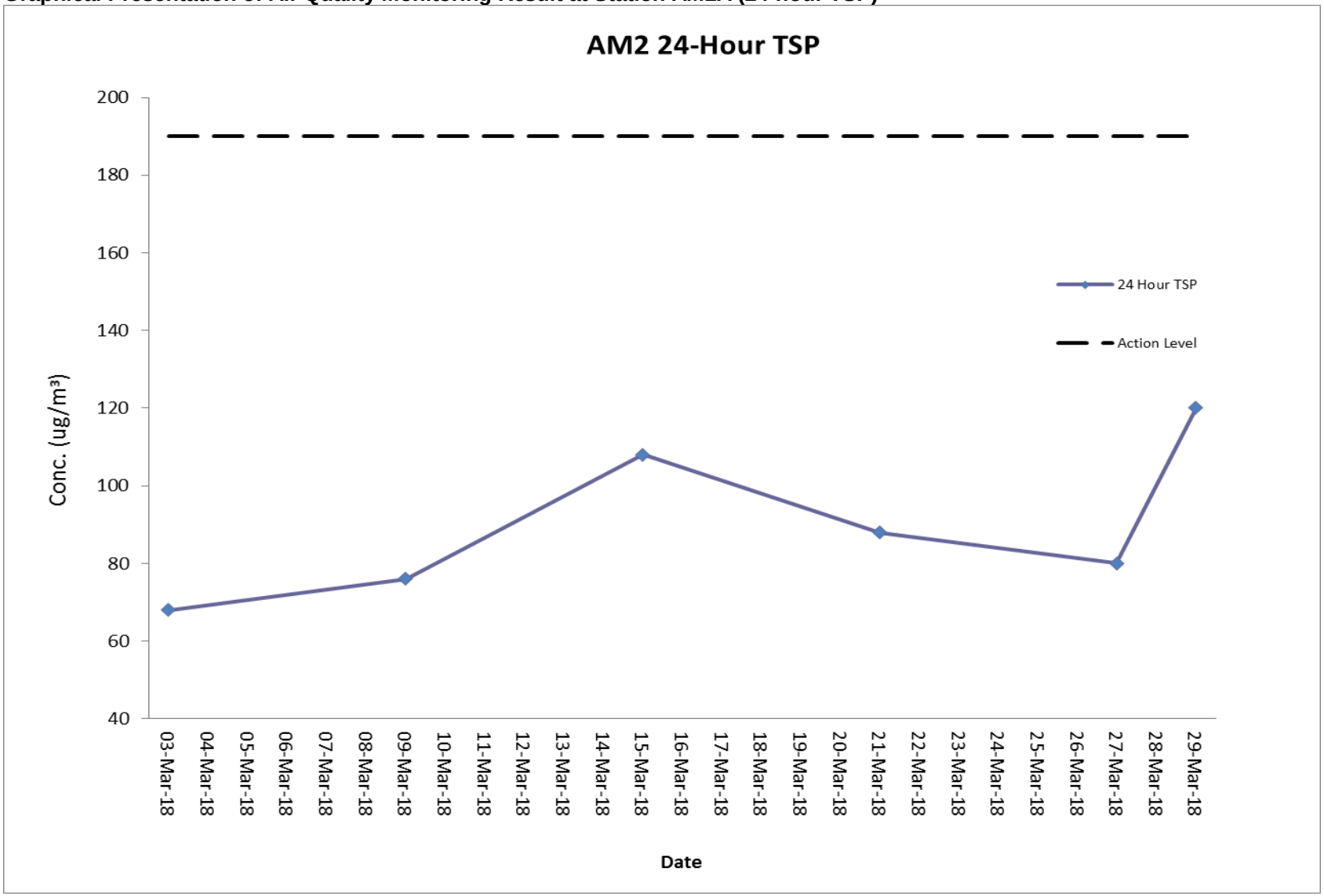
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



Air Quality Monitoring Result at Station AM2A (24-hour TSP)

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m3/min)			Conc. (µg/m3)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
03-Mar-18	08:13	04-Mar-18	08:13	2.7181	2.8372	17975.59	17999.59	24	1.22	1.22	1.22	68	Cloudy	151.1	260
09-Mar-18	11:02	10-Mar-18	11:02	2.7157	2.8494	17999.59	18023.59	24	1.22	1.22	1.22	76	Sunny	151.1	260
15-Mar-18	11:00	16-Mar-18	11:00	2.7287	2.9178	18023.59	18047.59	24	1.22	1.22	1.22	108	Cloudy	151.1	260
21-Mar-18	10:52	22-Mar-18	10:52	2.7278	2.8821	18047.59	18071.59	24	1.22	1.22	1.22	88	Sunny	151.1	260
27-Mar-18	10:42	28-Mar-18	10:42	2.7567	2.8966	18071.59	18095.59	24	1.22	1.22	1.22	80	Cloudy	151.1	260
29-Mar-18	08:20	30-Mar-18	08:20	2.7338	2.9451	18095.59	18119.59	24	1.22	1.22	1.22	120	Cloudy	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (24-hour TSP)



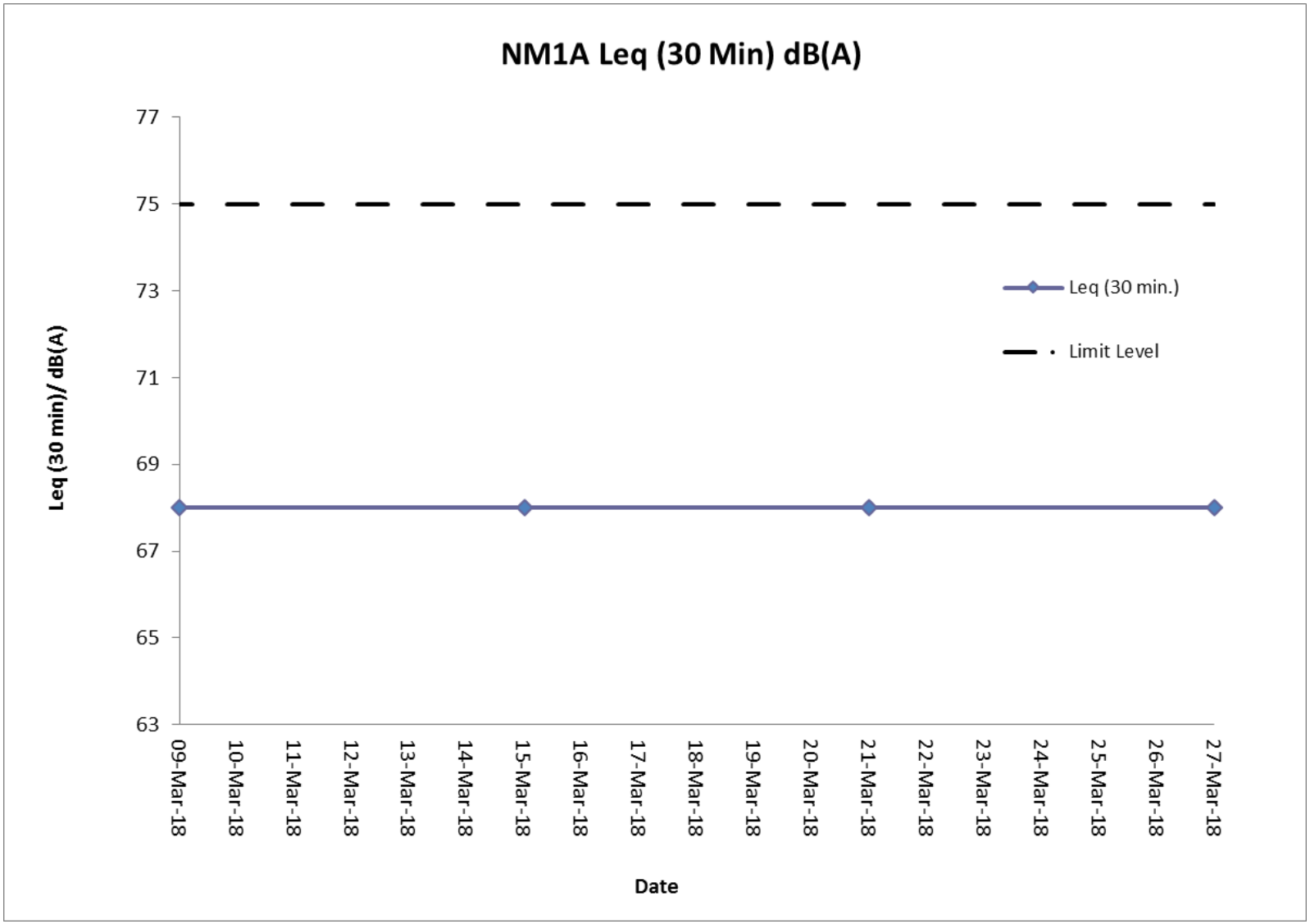
Noise Monitoring Result at Station NM1A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
09-Mar-18	14:00	66.7	62.7	68
09-Mar-18	14:05	68.0	64.1	
09-Mar-18	14:10	67.9	63.7	
09-Mar-18	14:15	66.4	62.0	
09-Mar-18	14:20	66.7	62.8	
09-Mar-18	14:25	67.9	63.7	
15-Mar-18	14:00	66.2	62.1	68
15-Mar-18	14:05	67.4	63.4	
15-Mar-18	14:10	67.9	63.7	
15-Mar-18	14:15	66.9	62.8	
15-Mar-18	14:20	68.0	63.9	
15-Mar-18	14:25	68.0	63.7	
21-Mar-18	14:00	66.0	62.1	68
21-Mar-18	14:05	67.9	63.4	
21-Mar-18	14:10	68.4	64.0	
21-Mar-18	14:15	66.0	61.7	
21-Mar-18	14:20	66.7	62.7	
21-Mar-18	14:25	67.4	63.9	
27-Mar-18	14:05	66.8	62.4	68
27-Mar-18	14:10	67.2	63.7	
27-Mar-18	14:15	68.0	63.9	
27-Mar-18	14:20	66.0	61.7	
27-Mar-18	14:25	67.4	63.7	
27-Mar-18	14:30	66.9	62.8	

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

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

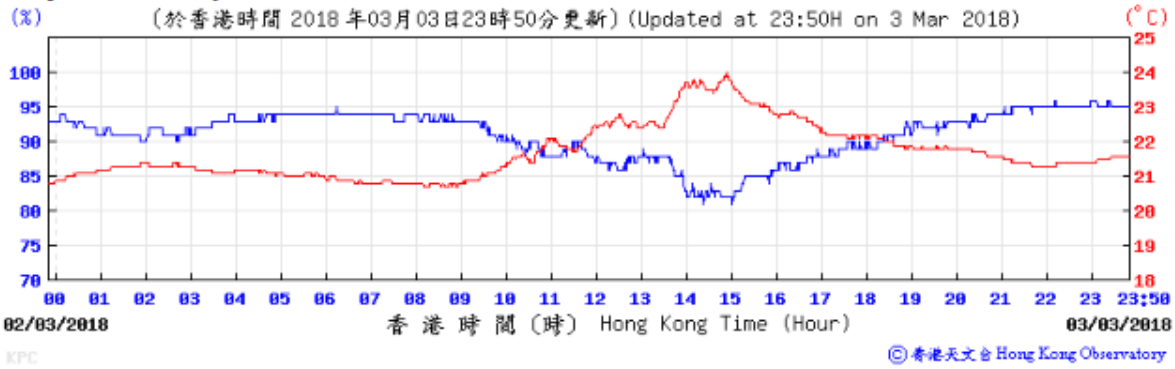
Graphical Presentation Noise Monitoring Result at Station NM1A



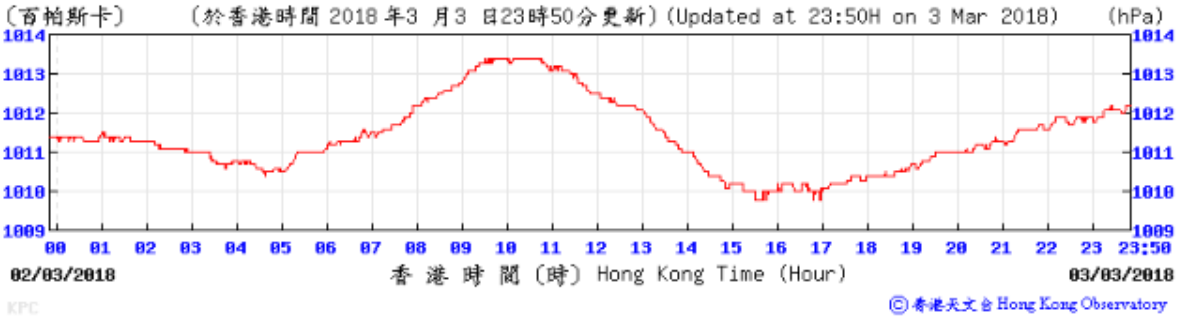
H. Meteorological Data Extracted from Hong Kong Observatory

Extract of Meteorological Observations for King's Park Automatic Weather Station, March 2018

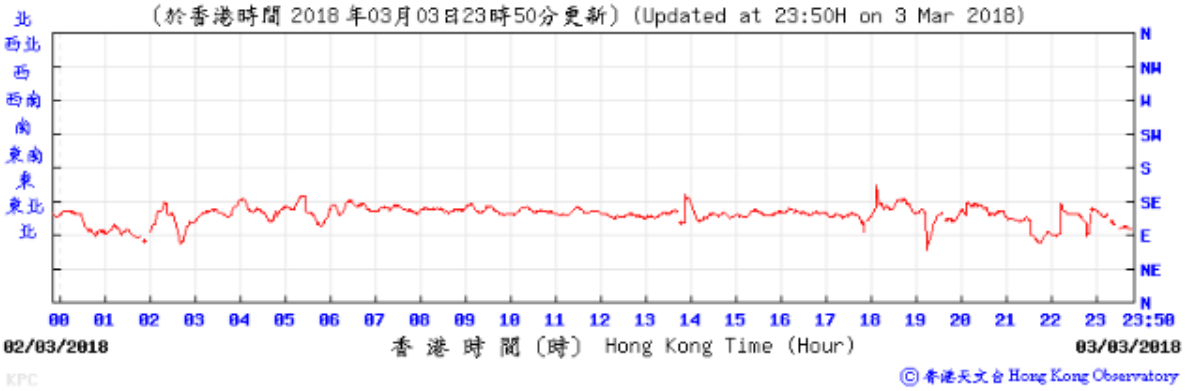
Tempearture/Humidity:



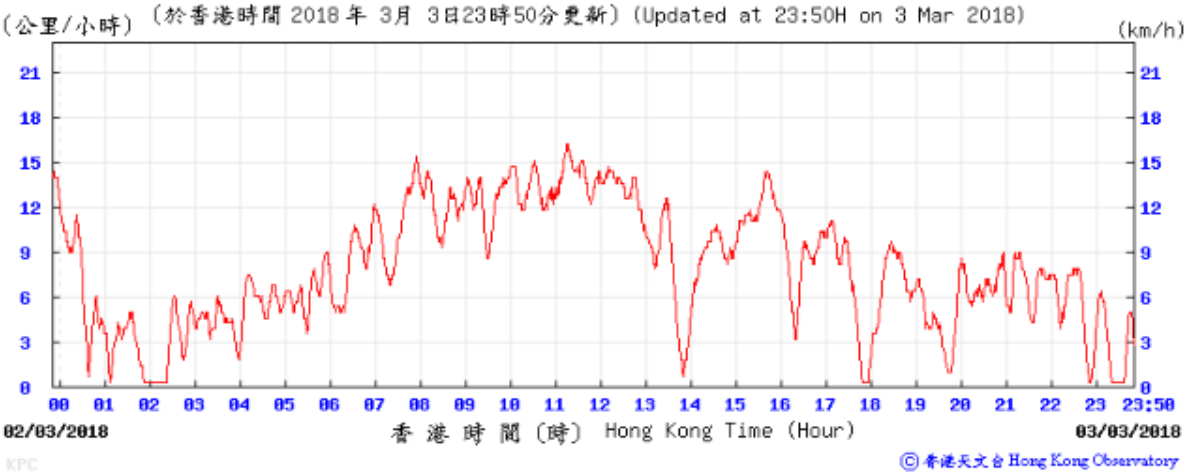
Pressure:



Wind Direction:



Wind Speed:



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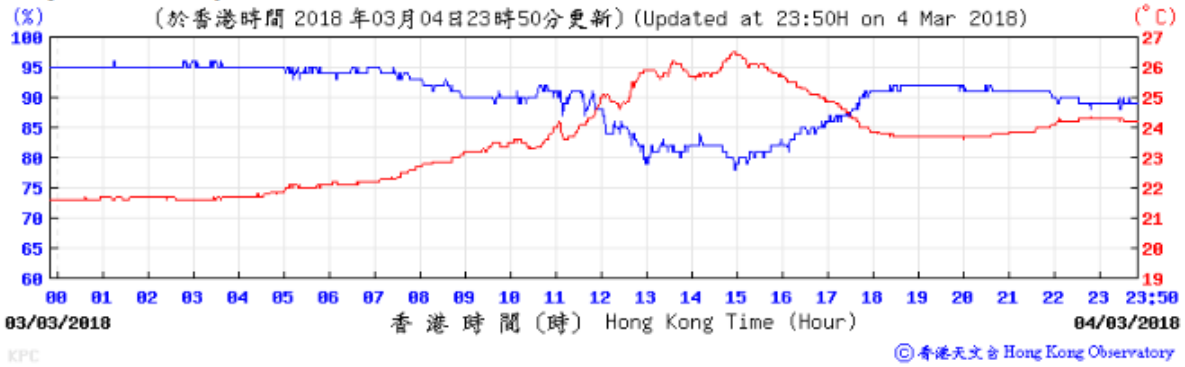
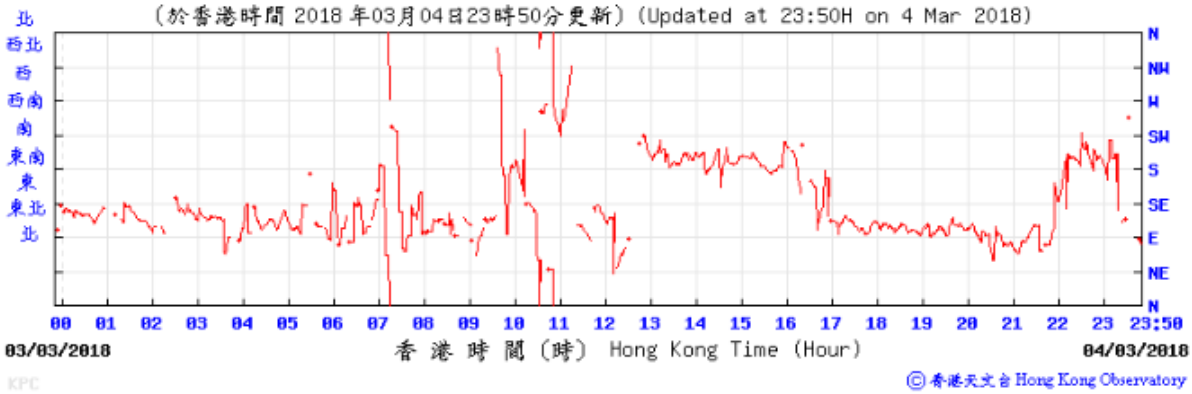
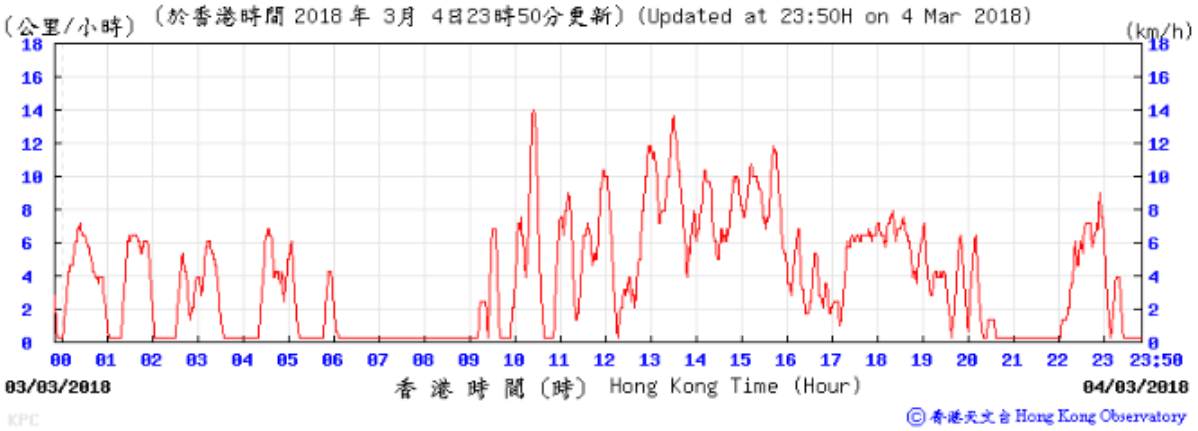


Pressure:

Wind Direction:



Wind Speed:



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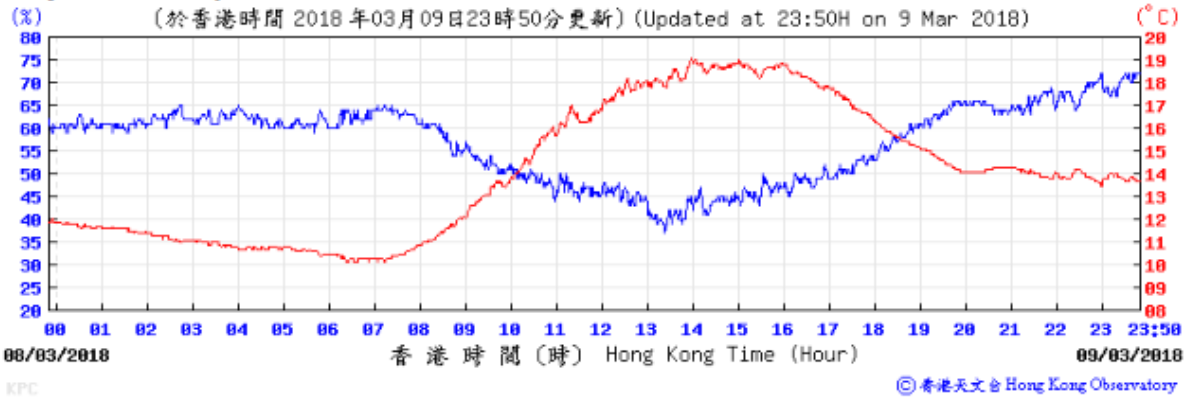
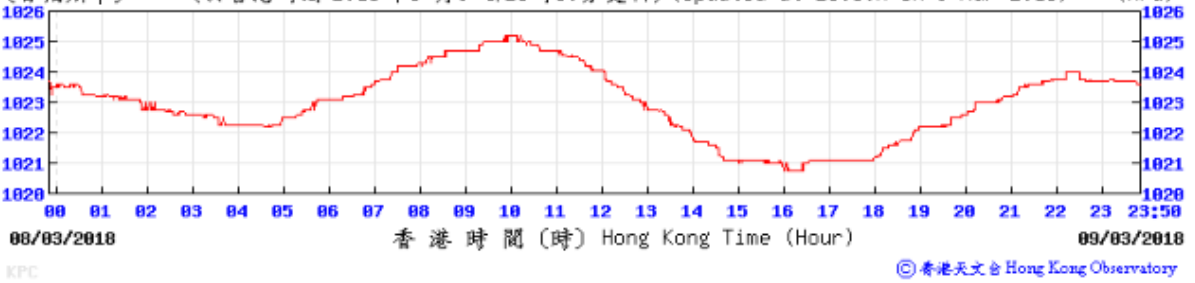


Pressure:



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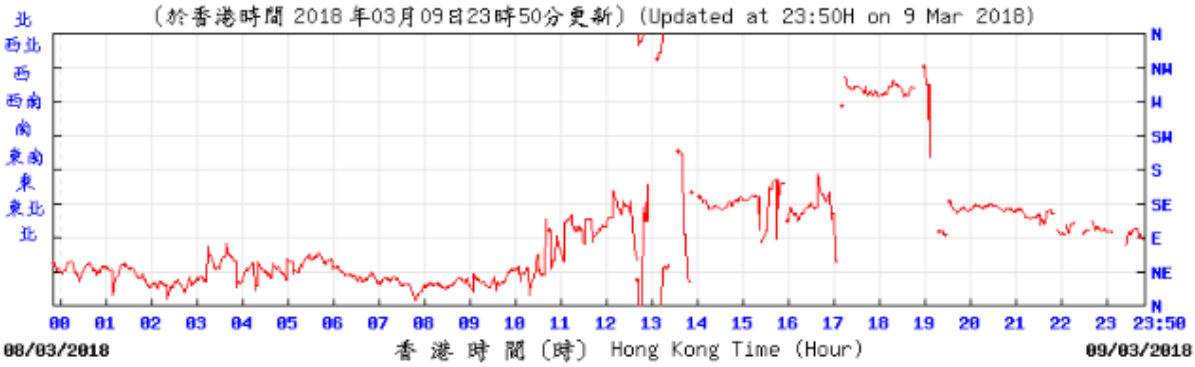
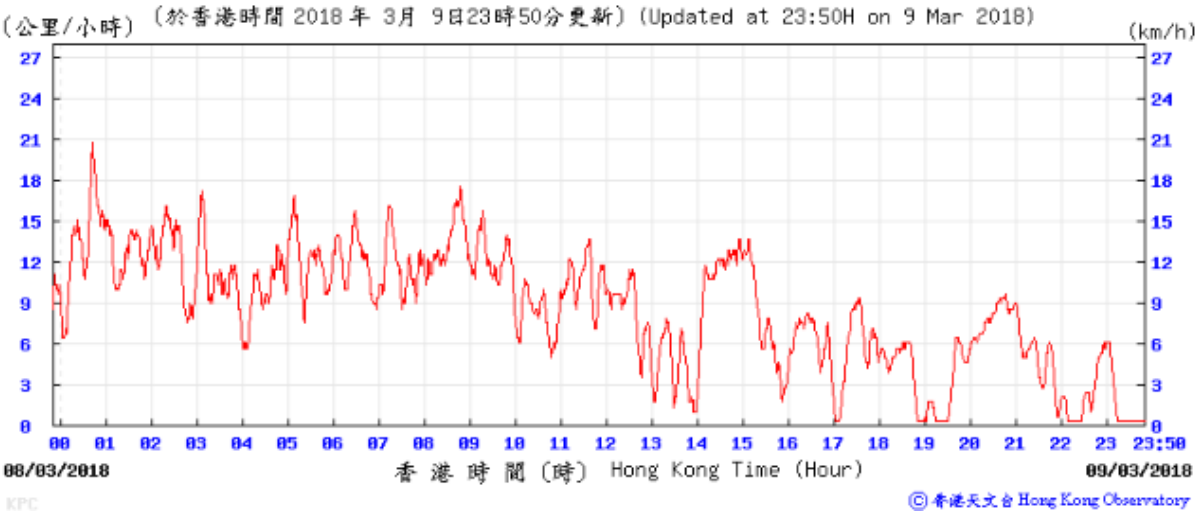
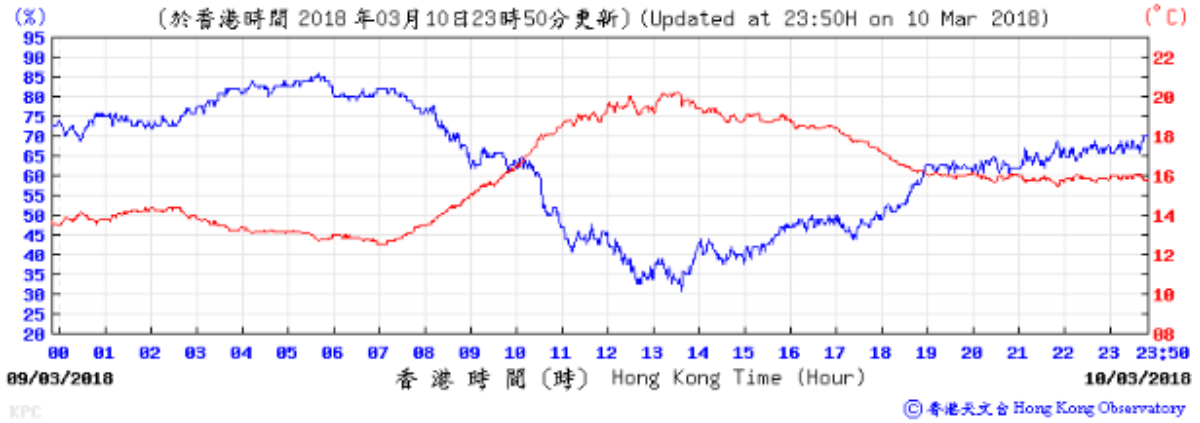


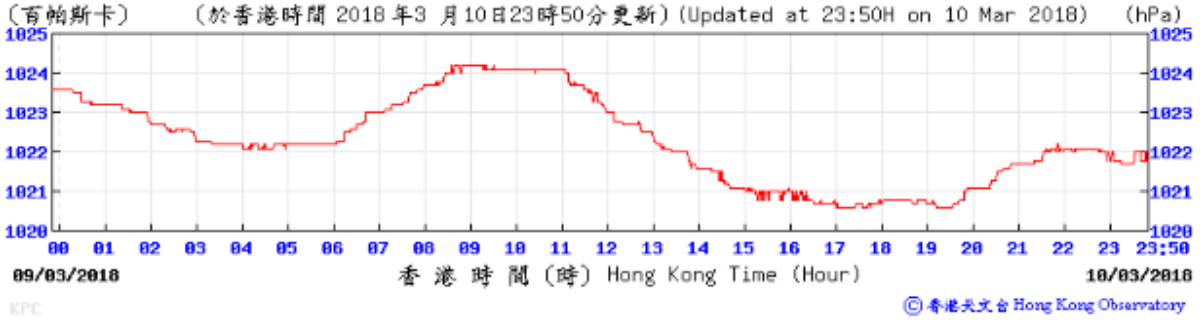
Wind Speed:



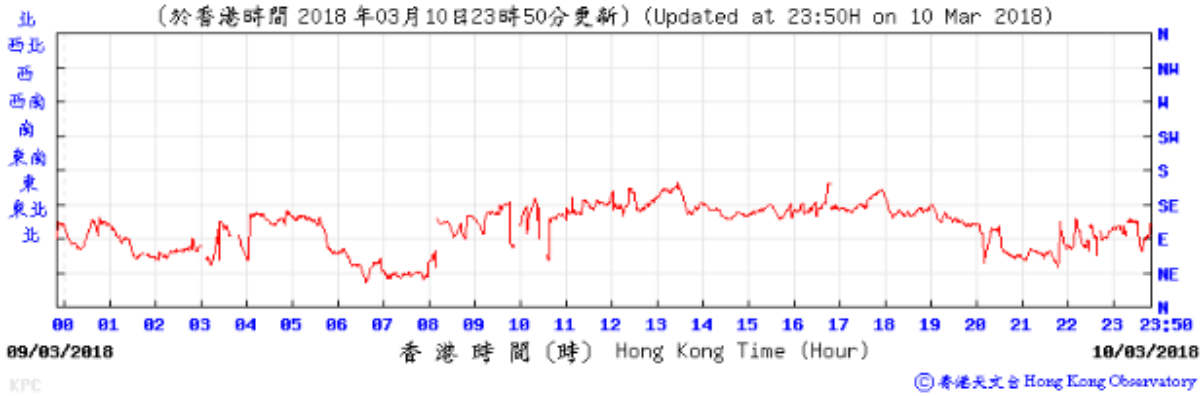
Tempearture/Humidity:



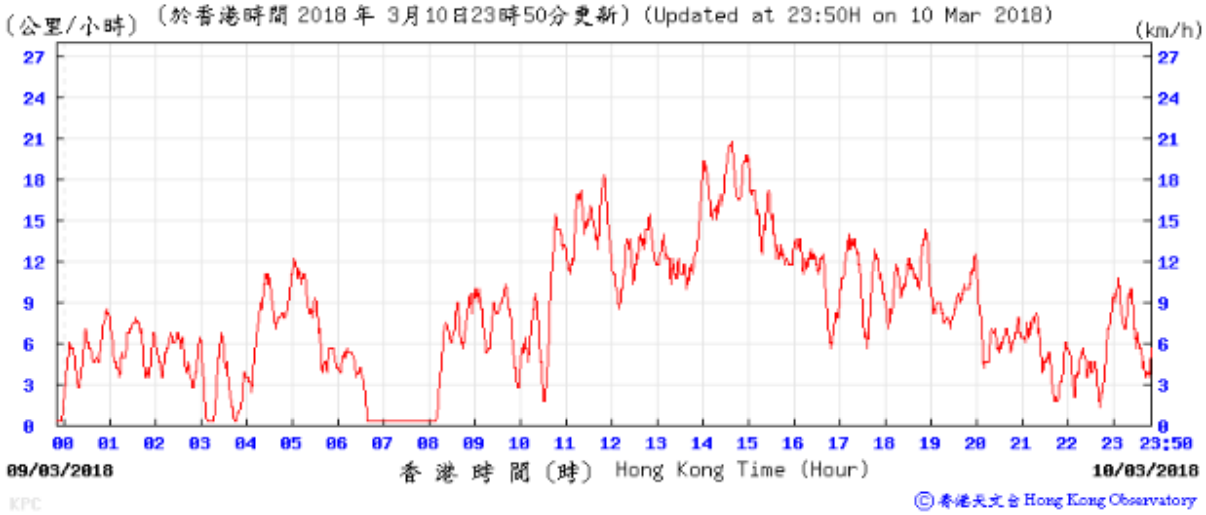
Pressure:



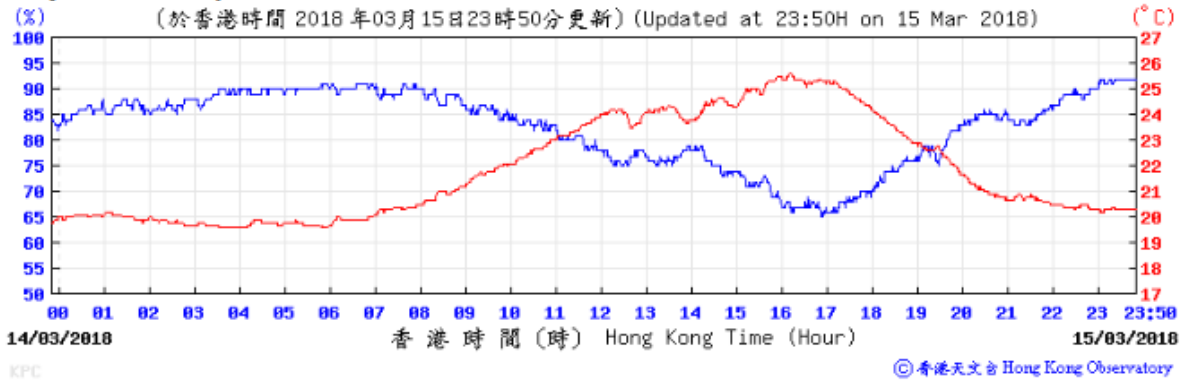
Wind Direction:



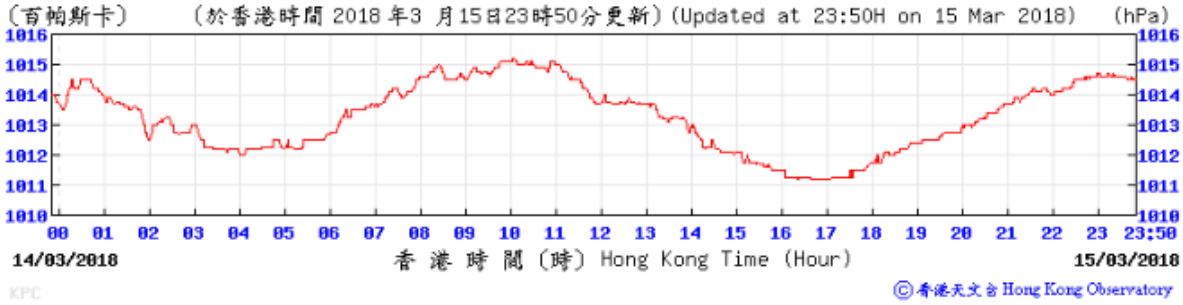
Wind Speed:



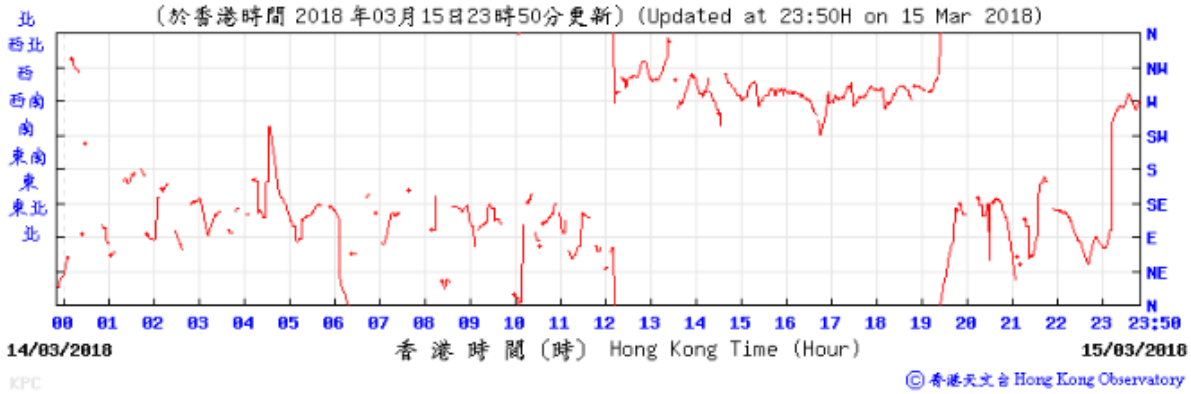
Tempearture/Humidity:



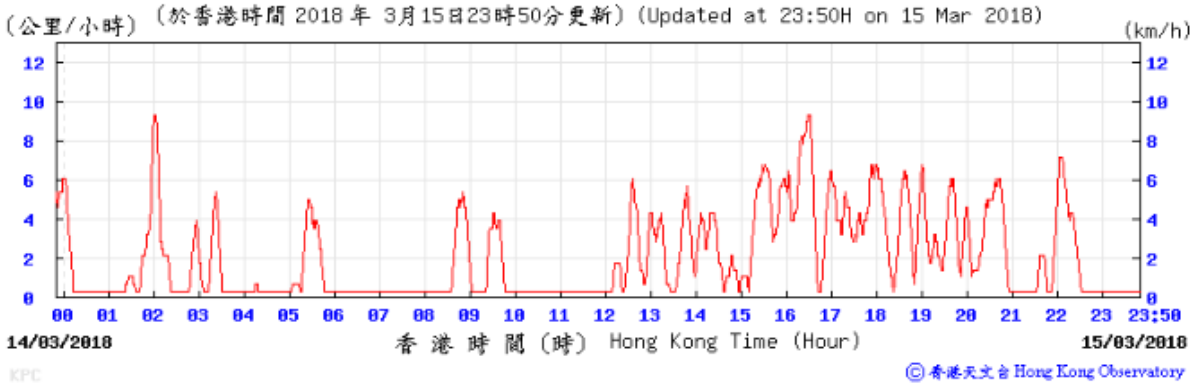
Pressure:



Wind Direction:



Wind Speed:



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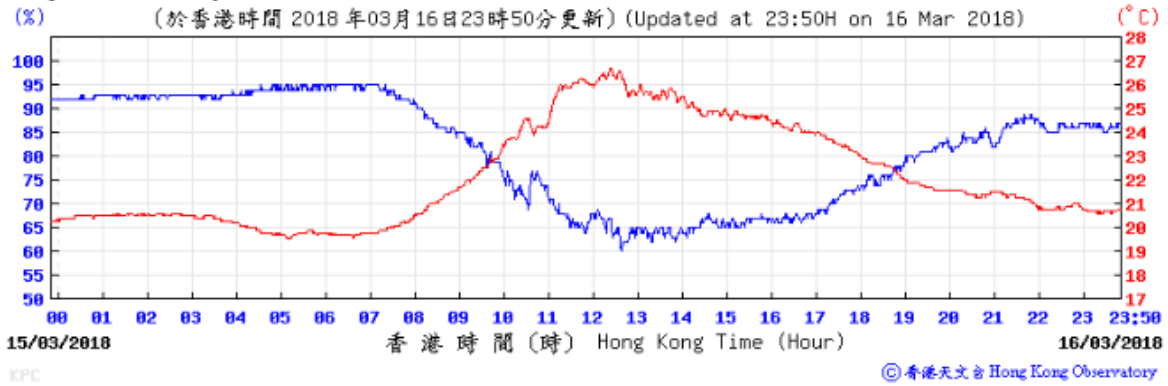

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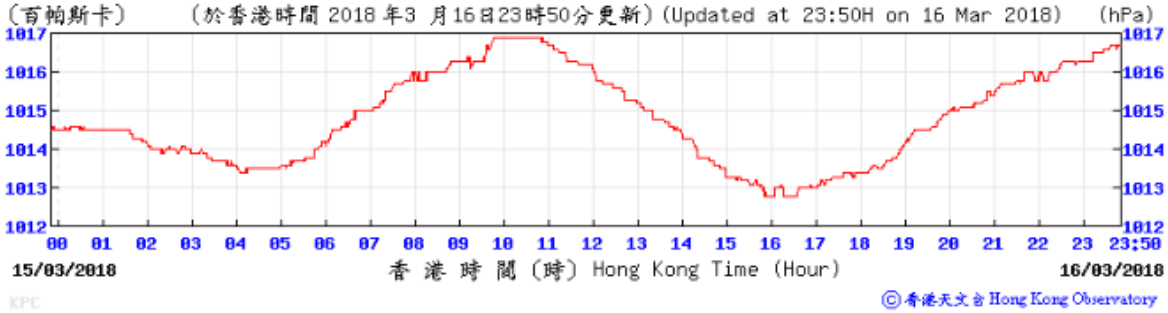
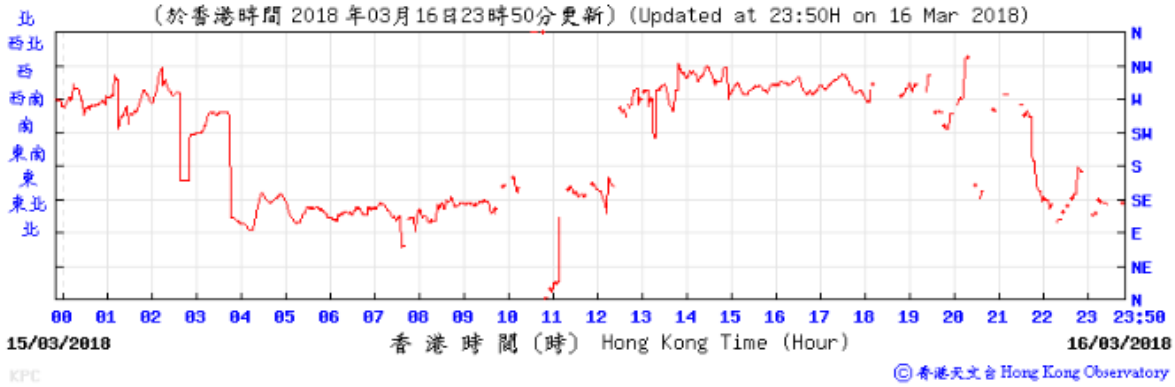
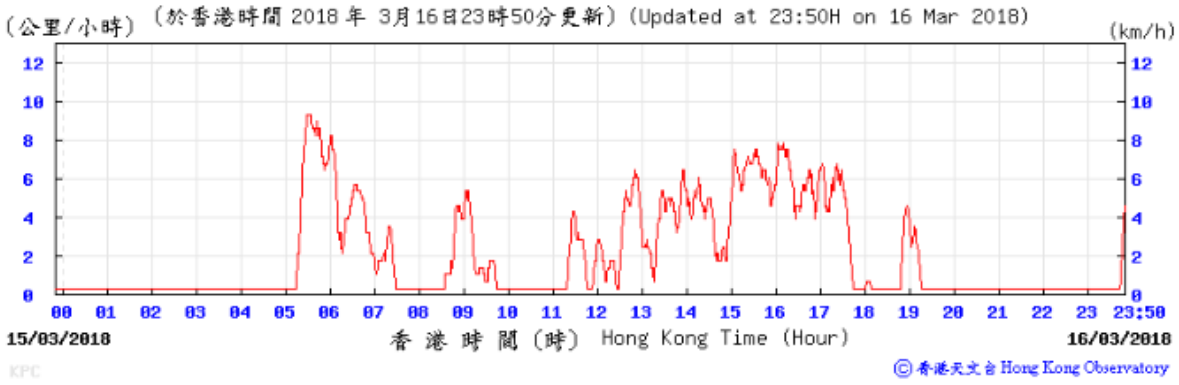


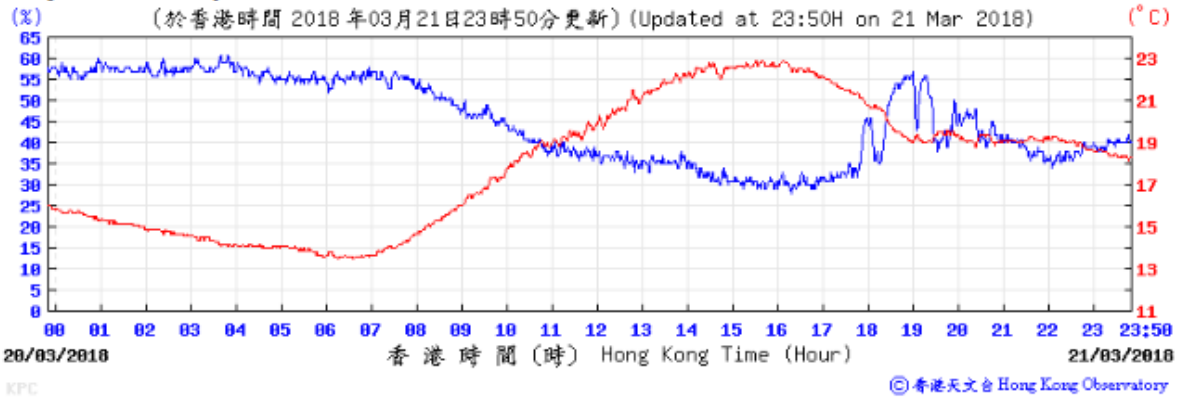
Wind Direction:



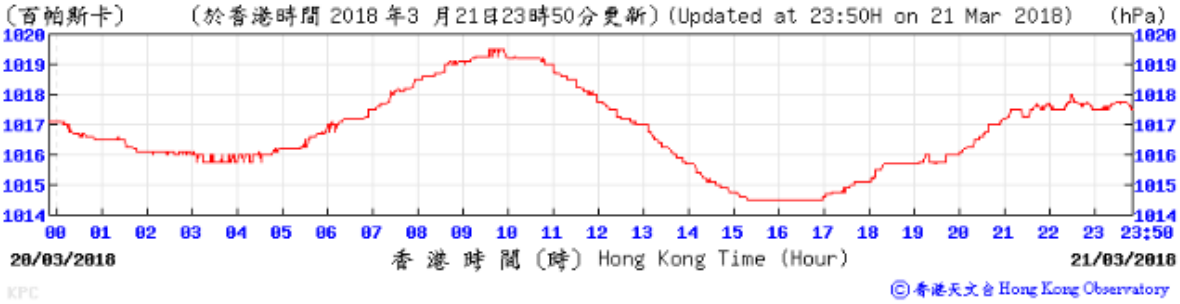
Wind Speed:



Tempearture/Humidity:



Pressure:



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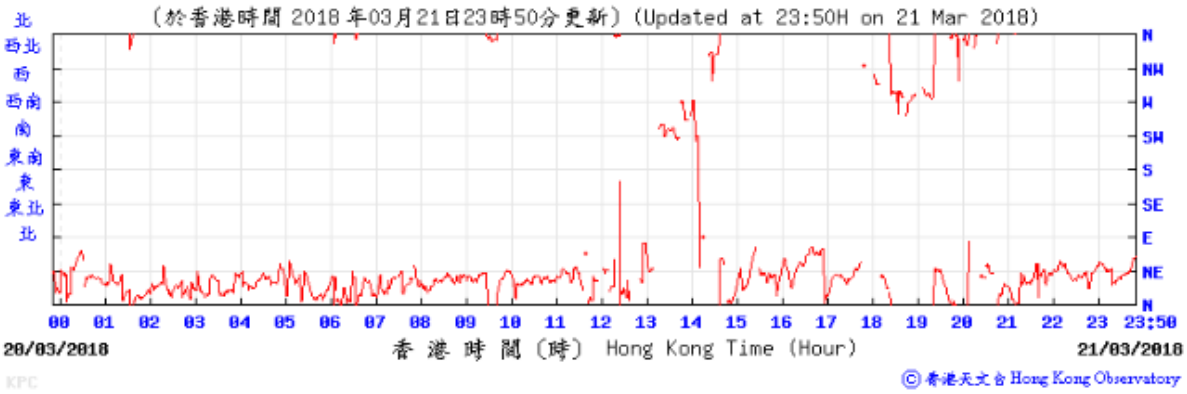
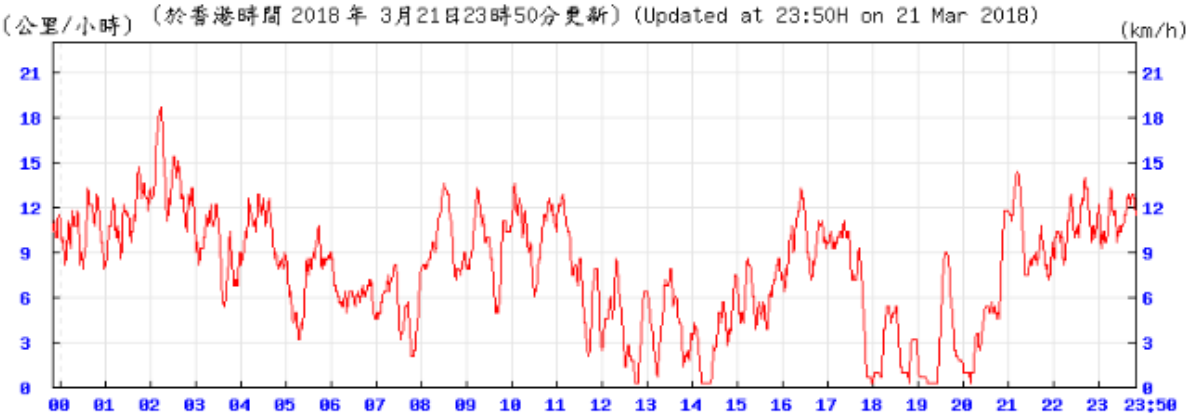


Wind Speed:



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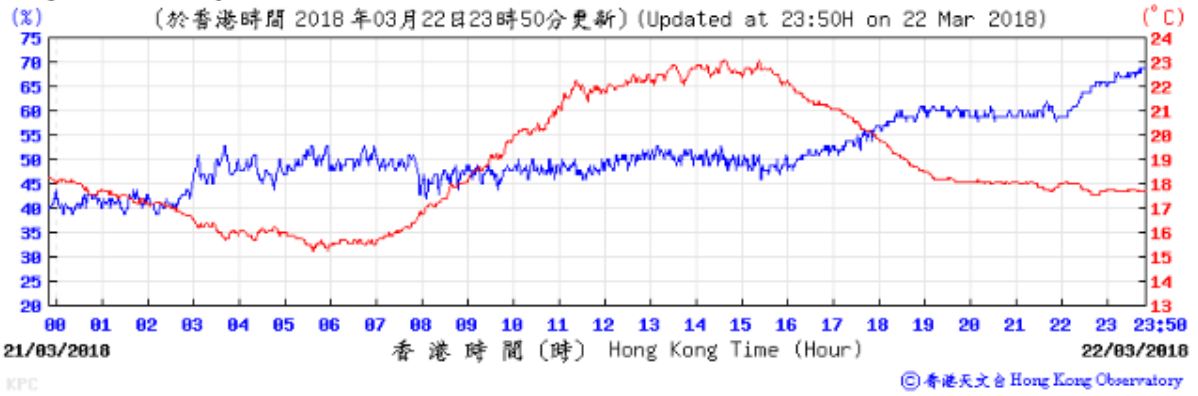

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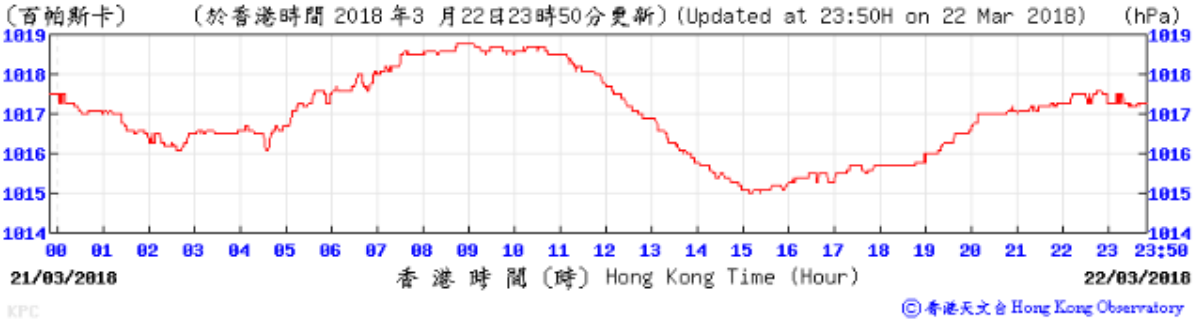
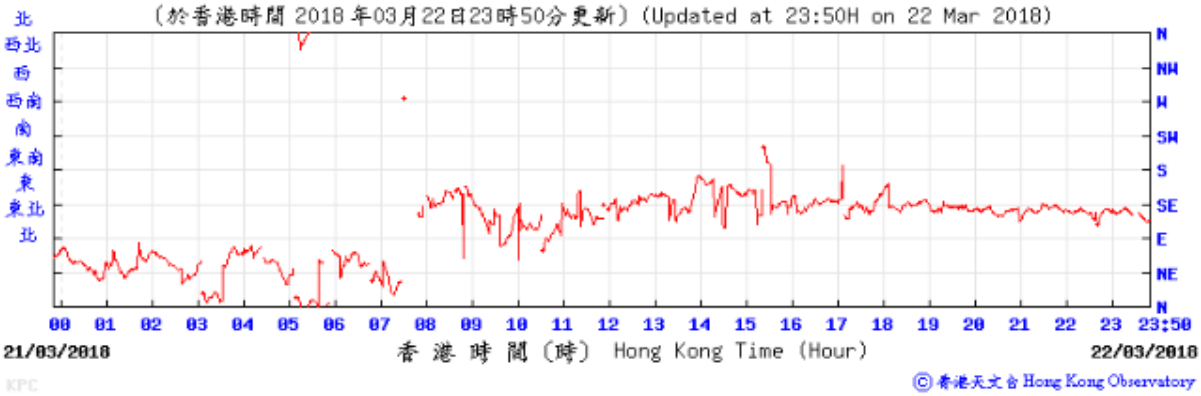


Wind Direction:



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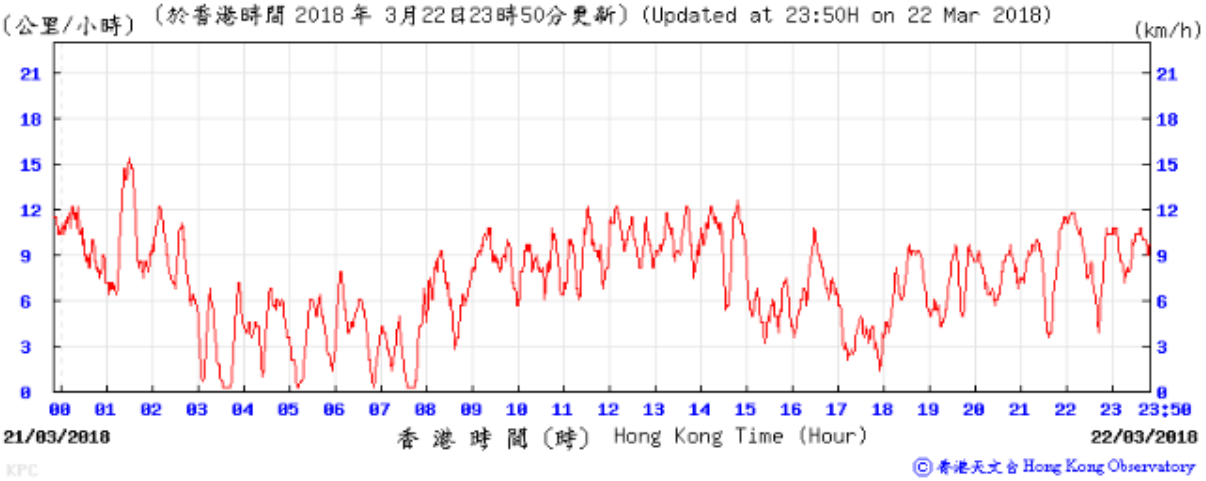

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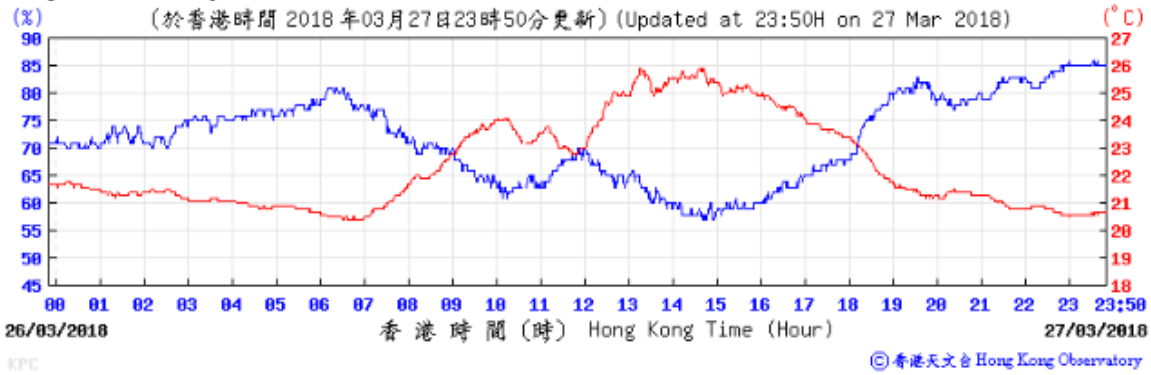
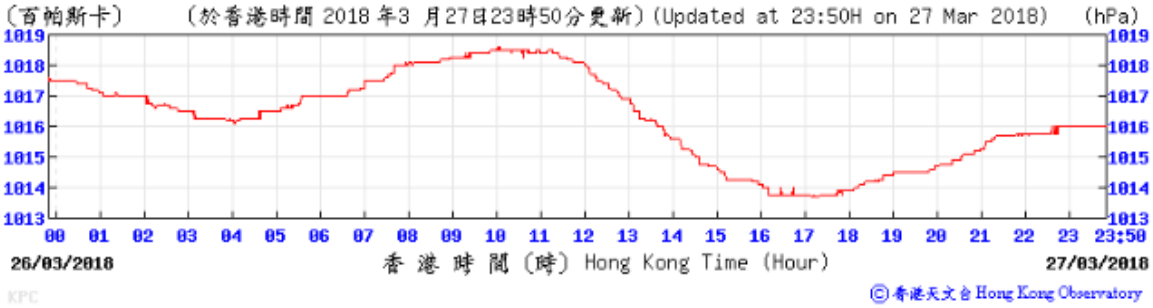
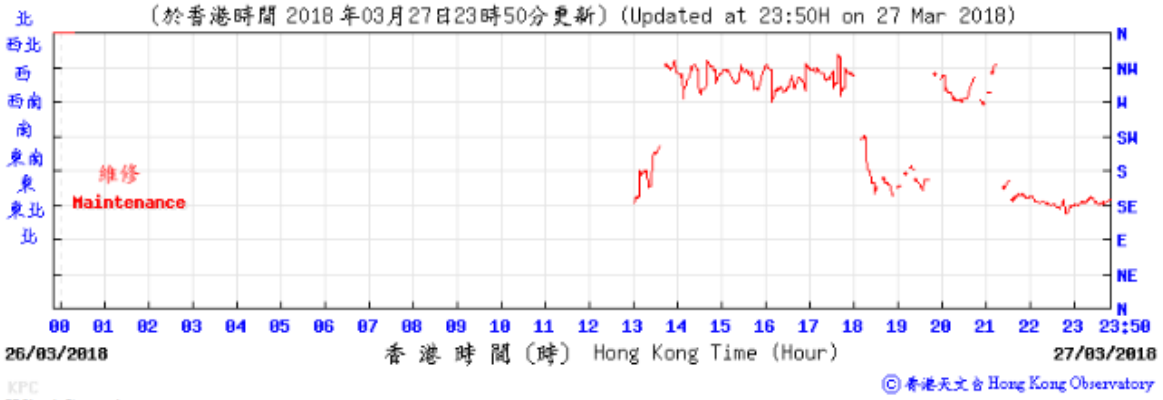


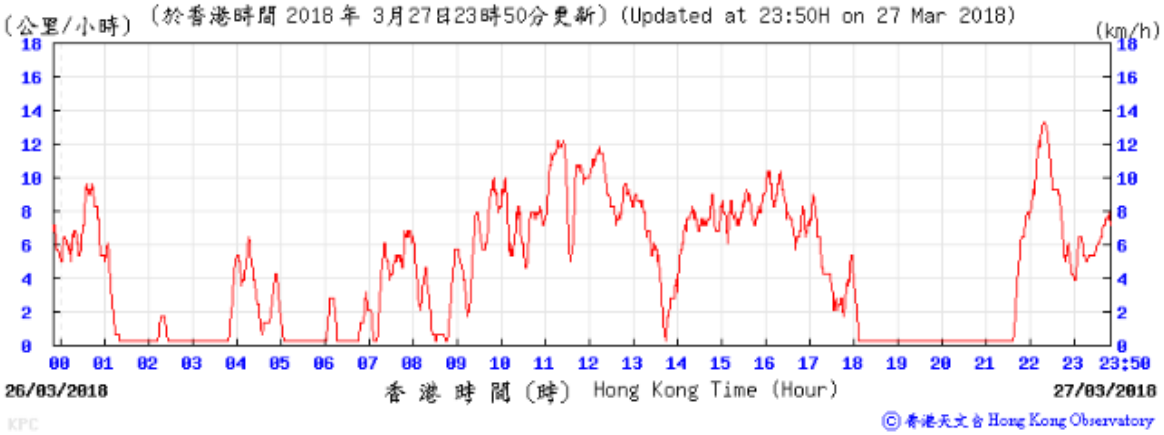
Pressure:



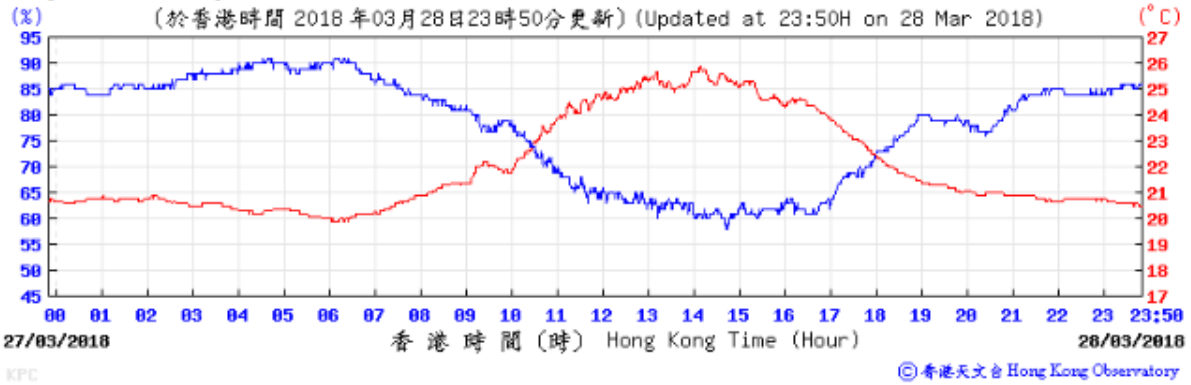
Wind Direction:



Wind Speed:



Tempearture/Humidity:



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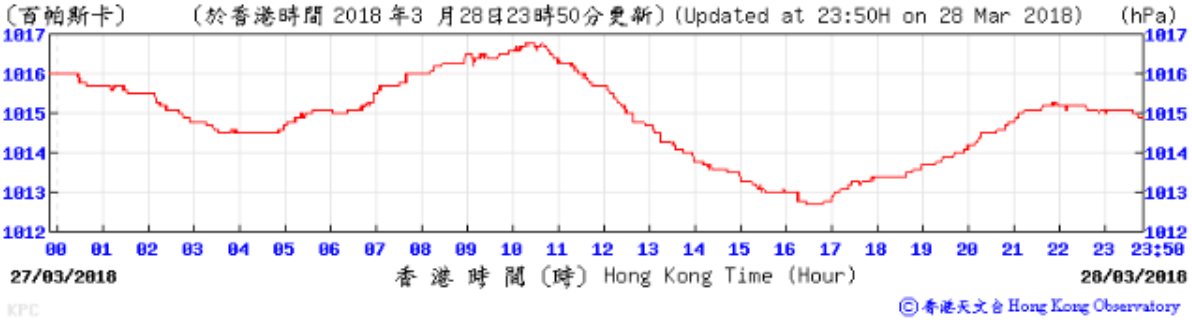
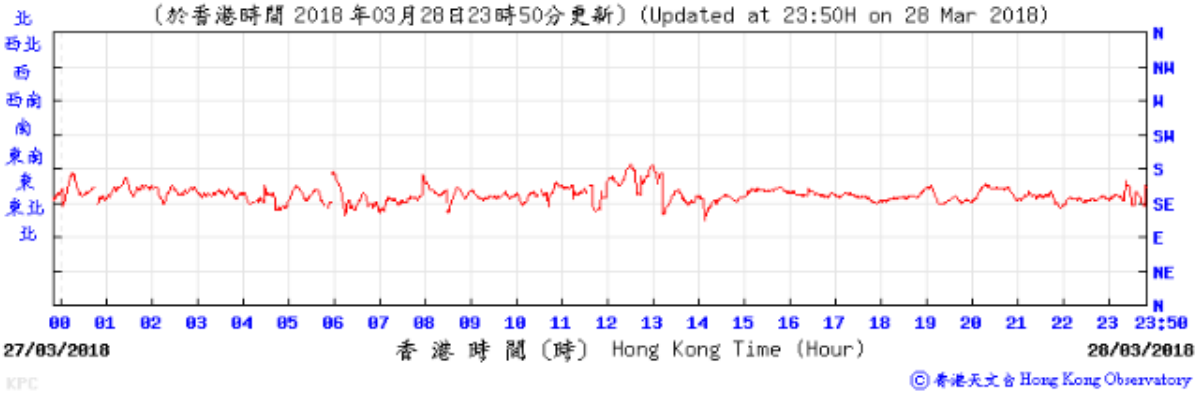
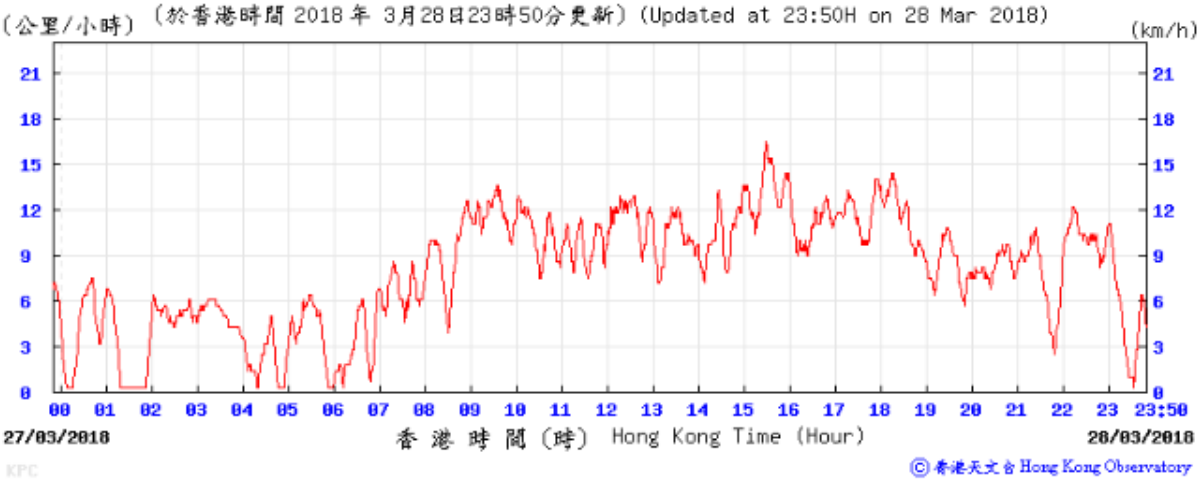


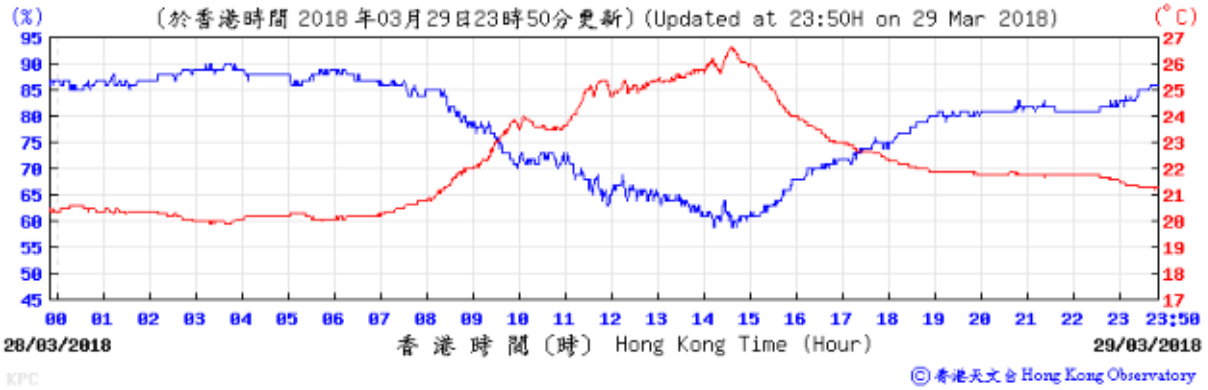
Wind Direction:



Wind Speed:



Tempearture/Humidity:



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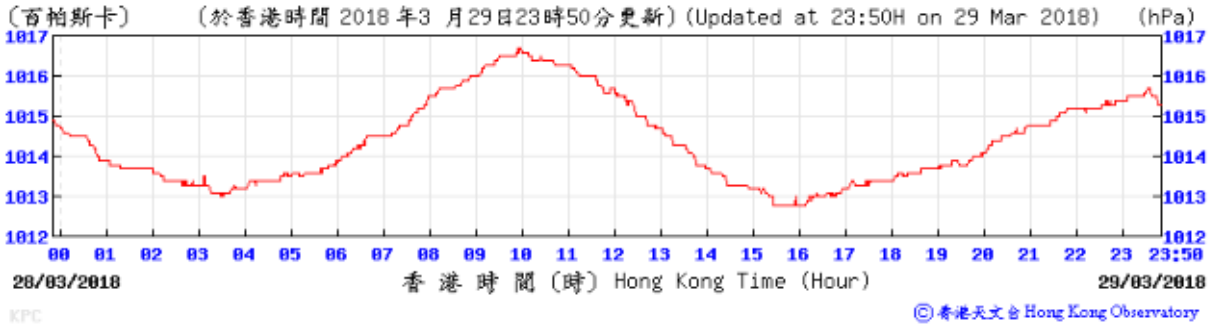
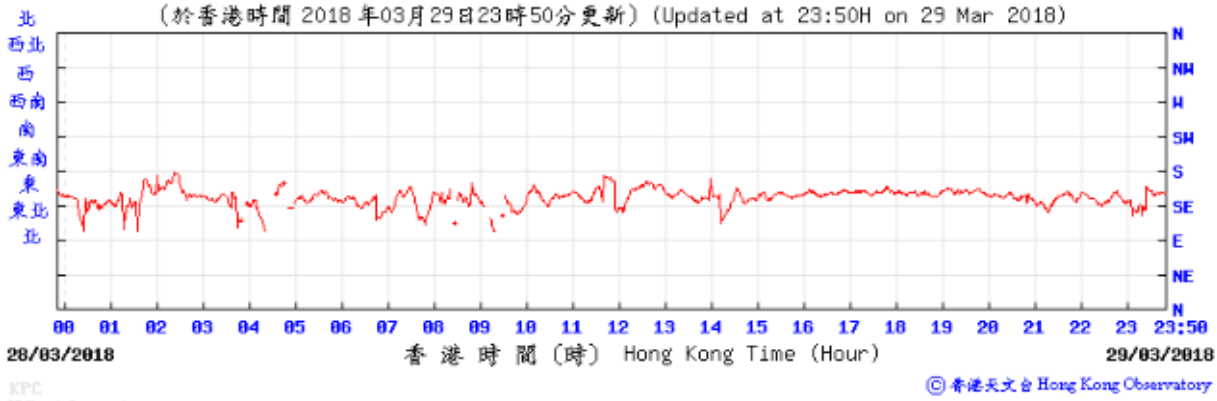
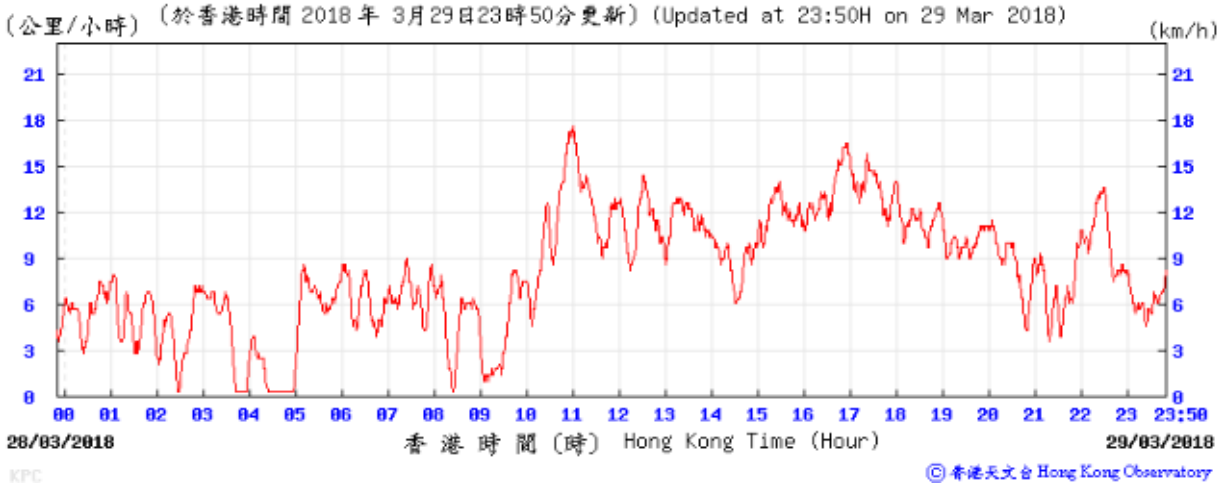


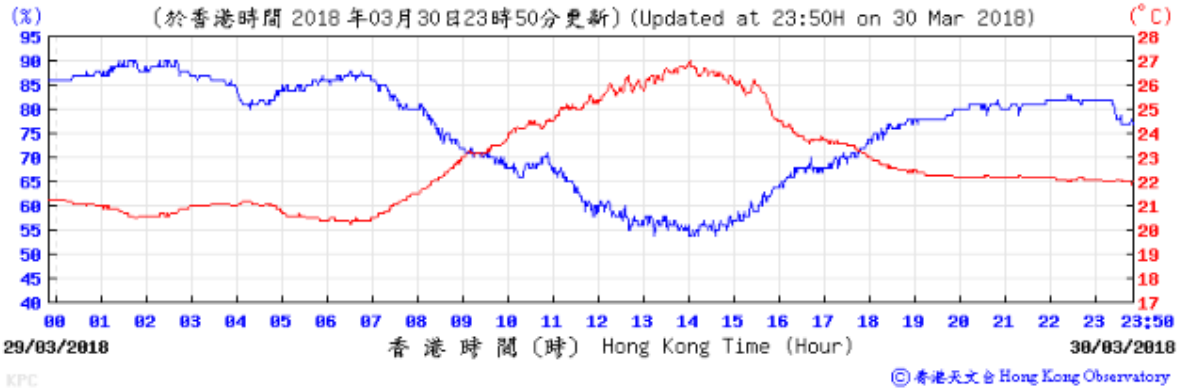
Wind Direction:



Wind Speed:



Tempearture/Humidity:



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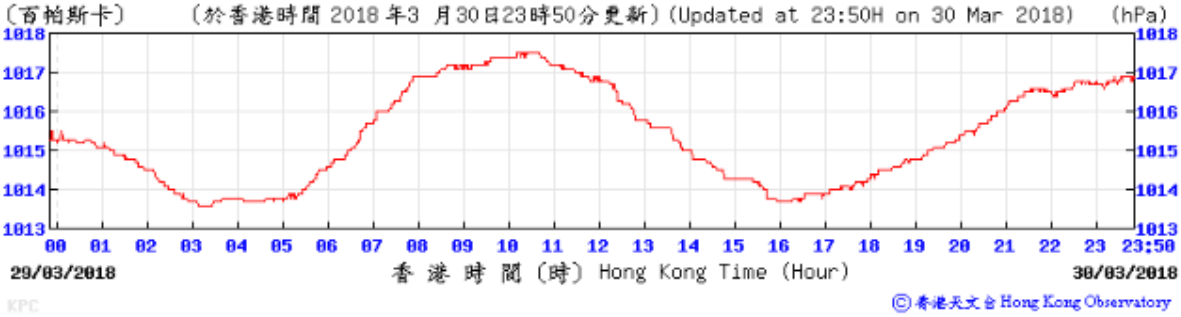
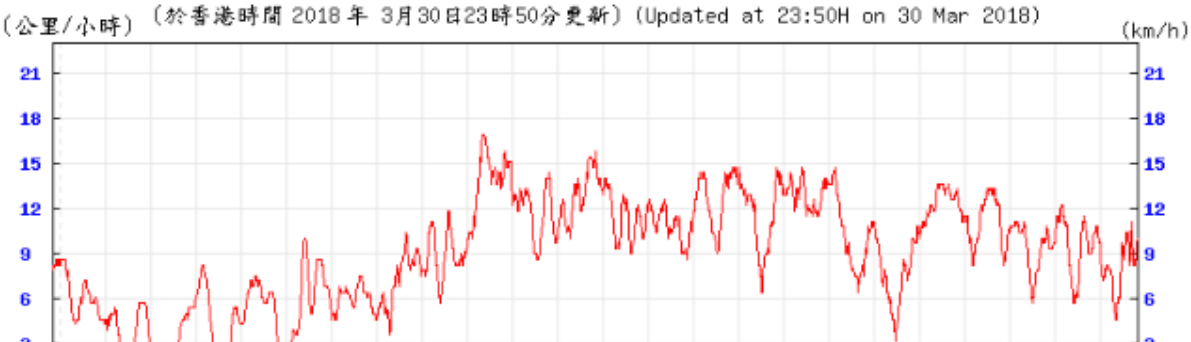


Wind Direction:

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 ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
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
June	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	50.9	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	52.3	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	374.8	0.6	0.0	24.1	0.0	128.5

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 ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
Nov	822.8	0.0	0.0	0.0	344.5	478.3	0.0	948.5	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	903.6	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	2985.3	8.9	0.0	1921.1	0.2	1855.5
2018													
Jan	1015.3	0.0	0.0	0.0	574.1	441.2	0.0	773.3	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	34.0	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	23.8	0.0	0.0	50.0	0.0	264.1
Sub-total (2018)	3369.8	0.0	0.0	0.0	2284.5	1085.3	0.0	831.1	2.5	0.0	175.0	0.0	602.6
Total	**226216.6**	**0.0**	**25232.0**	**140485.4**	**56485.2**	**4014.0**	**0.0**	**4733.8**	**13.8**	**0.0**	**2496.2**	**1.4**	**3453.5**

Note:

-65.07 tonnes, 163.12 tonnes and 873.91 tonnes of inert C&D material were disposed of as public fill to Chai Wan Public Fill Barging Point, Tuen Mun Area 38 and Tseung Kwan O Area 137 Public Fill 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.

-Quantities of waste materials generated for the previous reporting months have been updated by Contractor.

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 Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2016													
Mar	2702.1	0.0	0.0	0.0	2702.1	0.0	0.0	4.5	0.1	0.0	0.0	0.0	30.6
Apr	8631.5	0.0	0.0	0.0	8631.5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	19.2
May	12487.8	0.0	0.0	0.0	12487.8	0.0	0.0	34.0	0.0	0.0	0.0	0.7	60.5
Jun	8600.8	0.0	0.0	0.0	8600.8	0.0	0.0	31.4	0.2	0.0	0.0	0.5	13.5
Jul	12624.2	0.0	0.0	0.0	12624.2	0.0	0.0	19.6	0.0	0.0	0.0	2.0	9.9
Aug	14419.9	0.0	0.0	0.0	14419.9	0.0	0.0	43.9	0.0	0.0	0.0	0.0	11.1
Sep	13671.3	0.0	0.0	0.0	13671.3	0.0	0.0	59.8	0.0	0.0	0.0	1.6	12.4
Oct	13088.9	0.0	0.0	0.0	13088.9	0.0	0.0	36.9	0.2	1.5	0.0	0.0	15.2
Nov	12424.7	0.0	0.0	0.0	12424.7	0.0	0.0	74.7	0.0	0.0	0.0	1.4	10.2
Dec	12487.6	0.0	0.0	0.0	12487.6	0.0	0.0	13.9	0.0	0.0	0.0	1.3	9.0
Sub-total (2016)	111138.8	0.0	0.0	0.0	111138.8	0.0	0.0	334.5	0.4	1.5	0.0	7.6	191.6
2017													
Jan	9607.8	0.0	0.0	0.0	9607.8	0.0	0.0	29.5	0.0	0.0	0.0	0.0	7.3
Feb	9108.2	0.0	0.0	0.0	9108.2	0.0	0.0	50.2	0.2	0.0	0.0	0.7	9.8
Mar	11361.7	0.0	0.0	0.0	11361.7	0.0	0.0	16.1	0.0	0.0	0.0	1.4	8.5
Apr	2591.5	0.0	0.0	0.0	2591.5	0.0	0.0	35.7	0.0	0.0	0.0	0.0	4.7
May	2579.3	0.0	0.0	99.0	2480.3	0.0	0.0	20.9	0.1	0.0	0.0	0.5	10.0
Jun	476.0	0.0	0.0	341.0	129.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6
Jul	3419.0	0.0	0.0	804.0	2615.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
Aug	3730.9	0.0	0.0	1377.5	2353.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Sep	2108.2	0.0	0.0	1133.5	974.7	0.0	0.0	34.6	0.2	0.0	0.0	0.0	10.8
Oct	9159.0	0.0	0.0	7868.0	1291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	9.3
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

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 Facilty	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2018													
Jan	4083.7	0.0	0.0	1455.0	2628.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
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	5959.2	0.0	0.0	5610.1	349.1	0.0	0.0	0.0	0.0	0.0	0.0	600.0	17.6
Sub-total (2018)	4083.7	0.0	0.0	7065.1	2628.7	0.0	0.0	0.0	0.0	0.0	0.0	600.0	22.0
Total	**183925.7**	**0.0**	**0.0**	**26116.1**	**157786.2**	**23.4**	**0.0**	**521.5**	**1.1**	**1.5**	**0.0**	**611.3**	**350.9**

Note:
-52.46 tonnes and 296.66 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 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

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
Air Quality Impact (Construction)			
2.1 & 10.3.1	**General Dust Control Measures** 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)	Rem/ Obs	✓
2.1 & 10.3.1	**Best Practice For Dust Control** 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:		
	Good Site Management		
	• 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.	Obs	Rem
	Disturbed Parts of the Roads		
	• 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.	✓	✓
	Exposed Earth		
	• Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seating 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	N/A
	Loading, Unloading or Transfer of Dusty Materials		
	• All dusty materials should be sprayed with water immediately prior to any loading or transfer operation	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
	so as to keep the dusty material wet.		
	Debris Handling		
	• 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.	✓	✓
	Transport of Dusty Materials		
	• 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.	✓	✓
	Wheel washing		
	• 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.	Obs	✓
	Use of vehicles		
	• 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.	✓	✓
	Site hoarding		
	• 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	**Best Practicable Means for Cement Works (Concrete Batching Plant)** 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: Exhaust from Dust Arrestment Plant		

EM&A Ref.	Recommendation Measures	Implementation Stage: M+ Museum	Implementation Stage: Lyric Theatre Complex
	• 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	✓	✓
	Emission Limits		
	• All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke	✓	✓
	Engineering Design/Technical Requirements		
	• 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	✓	✓
-	**Non-Road Mobile Machinery (NRMM):** 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.	✓	✓
Noise Impact (Construction)			
3.1 & 10.4.1	**Good Site Practice** 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:		
	• 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	**Adoption of Quieter PME** The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "*Sound Power Levels of Other Commonly Used PME*" 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.	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
3.1 & 10.4.1	**Use of Movable Noise Barriers** 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.	N/A	✓
3.1 & 10.4.1	**Use of Noise Enclosure/ Acoustic Shed** 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.	N/A	N/A
3.1 & 10.4.1	**Use of Noise Insulating Fabric** 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.	✓	✓
3.1 & 10.4.1	**Scheduling of Construction Works outside School Examination Periods** 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.	N/A	N/A
Water Quality Impact (Construction)			
4.1 & 10.5.1	**Construction site runoff and drainage** 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:		
	• 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;	Obs	✓
	• 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.	✓	✓
	• All drainage facilities and erosion and sediment control structures should be regularly inspected and	✓	Obs

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
	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.		
	• 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.	✓	✓
	• 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.	Obs	✓
	• 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.	✓	✓
	• 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.	✓	✓
	• 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.	✓	✓
	• 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	N/A
	Barging facilities and activities		
	Recommendations for good site practices during operation of the proposed barging point include:		
	• 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	N/A
	• 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		

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
	materials or polluted water during loading or transportation;	N/A	N/A
	• All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and	N/A	N/A
	• 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	N/A
4.1 & 10.5.1	**Sewage effluent from construction workforce** 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.	✓	✓
4.1 & 10.5.1	**General construction activities** • 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.	✓	✓
Waste Management Implications (Construction)			
6.1 & 10.7.1	**Good Site Practices** Recommendations for good site practices during the construction activities include:		
	• 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	✓	✓
	• Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads	Obs	✓
	• 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 &	**Waste Reduction Measures**		

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
10.7.1	Recommendations to achieve waste reduction include:		
	• 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 waste	✓	✓
6.1 & 10.7.1	**Inert and Non-inert C&D Materials**		
	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.	✓	✓
	• 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.	✓	✓
	• 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.	✓	✓
	• 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 &	**Chemical Waste**		

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
10.7.1	• 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.	Obs	Obs
	• 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.	✓	✓
6.1 & 10.7.1	**General Refuse** 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.	✓	✓
Land Contamination (Construction)			
7.1 & 10.8.1	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.		
	The following measures are proposed for excavation and transportation of contaminated material:		
	• To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed;	N/A	N/A
	• 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;	N/A	N/A
	• Stockpiling of contaminated excavated materials on site should be avoided as far as possible;	N/A	N/A
	• The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out;	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
	• Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater;	N/A	N/A
	• Truck bodies and tailgates should be sealed to stop any discharge;	N/A	N/A
	• 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;	N/A	N/A
	• Speed control for trucks carrying contaminated materials should be exercised;	N/A	N/A
	• 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	N/A	N/A
	• Maintain records of waste generation and disposal quantities and disposal arrangements.	N/A	N/A
Ecological Impact (Construction)			
	No mitigation measure is required.		
Landscape and Visual Impact (Construction)			
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.	N/A	N/A
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	N/A
Table 9.1 & 10.8 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A
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	N/A
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	N/A
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage	
		M+ Museum	Lyric Theatre Complex
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	N/A
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	N/A
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	N/A
Table 9.2 & 10.9 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A
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	N/A

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	1	0	0
From 31 October 2015 to end of the reporting month	4	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	5	0	0