## Quarterly Environmental Monitoring and Audit Summary Report (April 2020 – June 2020)

for

**Contract No. ED/2018/01 –** 

# Kai Tak Development – Stage 4 infrastructure at the former runway and south apron

Contract No.: EDO 15/2018

(Version 1.1)

Certified By:

(Environmental Team Leader)



Ref.: CEDKTDS4EM00\_0\_0101L.20

15 September 2020

By Post and E-mail

Fax: 2739 0076

AECOM Asia Company Limited 8/F, Grand Central Plaza, Tower 2 138 Shatin Rural Committee Road Shatin, Hong Kong

Attention: Mr. Clive Cheng

Dear Sir,

Re: Contract No. ED/2018/01 - Kai Tak Development
Stage 4 Infrastructure at the Former Runway and South Apron

#### **Quarterly EM&A Summary Report for April 2020 to June 2020**

Reference is made to the Environmental Team's submission of the Quarterly EM&A Summary Report for April 2020 to June 2020 (Version 1.1) certified by the ET Leader and provided to us via email on 11 September 2020.

Please be informed that we have no further comment on the captioned submission.

The ET Leader is reminded that it is the ET's responsibility to ensure the reported information be true, valid and correct as per Condition 3.4 of EP-337/2009, Condition 3.3 of EP-445/2013 and Condition 3.3 of EP-445/2013/A.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours faithfully,
For and on behalf of
Ramboll Hong Kong Limited

Manson Yeung

Independent Environmental Checker

c.c. CEDD Attn.: Mr. Ronald Siu

Ka Shing Attn.: Mr. Chan Pang By e-mail

Penta-Ocean Attn.: Mr. Daniel Ho Fax: 2572 4080

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#### **EXECUTIVE SUMMARY**

1. This is the 2<sup>nd</sup> Quarterly Environmental Monitoring & Audit (EM&A) Summary Report which summaries the findings of the EM&A Programme during the reporting period from 1 April 2020 to 30 June 2020 (the "reporting period").

#### **Breaches of Action and Limit Levels**

- 2. 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 3. 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 4. Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

#### Complaint log

5. No complaint was received in the reporting period.

#### **Notifications of Summons and Successful Prosecutions**

6. No notification of summons and successful prosecutions was received in the reporting period.

#### **Report changes**

7. There was no reporting change in the reporting period.

#### Major construction works in the reporting period

8. Major construction activities undertake during the reporting period included:

Table I Major construction activities in the reporting period

April 2020	May 2020	June 2020	
- Ground investigation works	- North Approach Ramp –	- Installation of Sheet Pile	
- Sheet pile Installation at	Erection and dismantle of	for Construction of	
South Depressed Road	timber formwork and	Underpass and Noise	
- Pump Test in North	concreting of base slab,	Barrier	
Depressed Road Cofferdam	columns and walls	- Pumping Test at North	
- Bored Pile Construction for	- Bridge D3 – Construction of	Depressed Road Cofferdam	
Bridge D3	bored piles (install casings,	and South Depressed Road	
- ELS Installation &	removal soil, fix and install	- Construction of Bored Pile	
Excavation for North	steel cages, concreting,	of Bridge D3	
Depressed Road & North	ground investigation)	- ELS Installation &	
Approach Ramp	- North Depressed Road -	Excavation for North	
	Excavation, fabrication and	Depressed Road and South	
	installation of steel members	Depressed Road	
	for ELS, pumping test	- Construction of base slab,	
	- South Depressed Road -	walls and columns for	
	Fabrication and installation	North Approach Ramp	
	of steel members for ELS,		
	pumping test	Construction for North	
	- Noise Barriers – Breaking	Depressed Road	
	protection layer of the		
	existing footings to expose		
	the buried couplers, ground		
	investigation (ADH6)		
	- Lift LT1 & LT2 – ground		
	investigation (DH17 &		
	DH18), trial pit for locating		
	underground utilities		

#### 1. INTRODUCTION

#### **Project Background**

- 1.1 The Kai Tak Development (KTD) is located in the south-eastern part of Kowloon Peninsula of the HKSAR, comprising the apron and runway areas of the former Kai Tak Airport and existing waterfront areas at To Kwa Wan, Ma Tau Kok, Kowloon Bay, Kwun Tong and Cha Kwo Ling.
- 1.2 Contract No. ED/2018/01 Kai Tak Development stage 4 infrastructure at the former runway and south apron (The Project), comprises mainly the design and construction of a dual two- lane Road D3 (Metro Park Section), a single 2-lane Road L12d, a salt water pumping station, a sewage pumping station, landscaped deck and promenade above and adjoining Road D3 (Metro Park Section) respectively, some remaining road works at Road L14, noise barrier at Road D3A, and other associated works at the former runway and south apron. The proposed works are shown in Figure 1 and Figure 2. During the course of the Contract No. ED/2018/01, there may be modification of noise barriers in association with the construction of footbridges connecting to the landscaped deck of Road D3A by developers of adjacent lands (Figure 3). The proposed works and site boundary are shown in Figure 4.
- 1.3 Civil Engineering and Development Department (CEDD) had completed an Environmental Impact Assessment (EIA) and is the Permit Holder.
- 1.4 The construction work under ED/2018/01 comprises the EM&A Manuals (EIA Register Nos. AEIAR-130/2009 for Kai Tak Development and EIA Register Nos. AEIAR-170/2013 for Roads D3A and D4A) and Environmental Permit (EP) Nos. EP-337/2009, EP-445/2013 and Variation to the EP (VEP) No. EP-445/2013/A.
- 1.5 Air quality and noise monitoring has been proposed in the EM&A Manual with EIA Register Nos. AEIAR-130/2009 for Kai Tak Development while no air quality and noise monitoring are proposed in EM&A Manual with EIA Register Nos. AEIAR-170/2013 for Roads D3A and D4A.

#### **Project Organization**

1.6 The project organization chart and emergency team and with respect to the EM&A programme is shown in Appendix A. Information of key personnel contact names and telephone numbers are summarized in Table 1.1.

Table 1.1 Contact information of key personnel

Party	Role	Contact Person	Position	Phone No.	Fax No.
Civil Engineering and	Project	Mr. Ronald Siu	Senior Engineer	3579 2452	2739 0076
Development Department (CEDD)	Proponent	Mr. Edwin Chan	Engineer	3579 2458	2739 0076
AECOM Asia Co. Ltd. (AECOM)	Supervisor (act as Engineers' Representative (ER) listed in EM&A Manual)	Mr. Clive Cheng	CRE	3911 4201	3911 4288
Ramboll Hong Kong Limited	Independent Environmental	Mr. Ray Yan	IEC (Before 23 May 2020)	3465 2836	3465 2899
(Ramboll)	Checker (IEC)	Mr. Manson Yeung	IEC (After 23 May 2020)	9700 6767	3465 2899
Ka Shing Management Consultant Limited (Ka Shing)	Environmental Team (ET)	Mr. Chan Pang	ET Leader	6082 2973	2120 7752
Penta-Ocean Construction Co., Ltd. (Penta-Ocean)	Contractor	Ms. Juliet Ting	Environmental Officer	9555 8820	2572 4080

#### **Works Area and Construction Programme**

1.7 The construction works commenced on 20 January 2020. The construction programme of the Project is given in Appendix B.

#### Construction works undertaken during reporting period

1.8 Major construction works of the Project in the reporting period are summarized in Table 1.2:

Table 1.2 Major construction activities in the reporting period

April 2020		May 2020	June 2020
- Ground investigation	n works  -	North Approach Ramp –	- Installation of Sheet Pile
- Sheet pile Installa	ation at	Erection and dismantle of	for Construction of
South Depressed Ro	ad	timber formwork and	Underpass and Noise
- Pump Test in	North	concreting of base slab,	Barrier
Depressed Road Cof	ferdam	columns and walls	- Pumping Test at North
- Bored Pile Construc	ction for -	Bridge D3 – Construction of	Depressed Road Cofferdam
Bridge D3		bored piles (install casings,	and South Depressed Road
- ELS Installation	n &	removal soil, fix and install	- Construction of Bored Pile
Excavation for	North	steel cages, concreting,	of Bridge D3
Depressed Road &	& North	ground investigation)	- ELS Installation &
Approach Ramp	-	North Depressed Road -	Excavation for North
		Excavation, fabrication and	Depressed Road and South
		installation of steel members	Depressed Road
		for ELS, pumping test	- Construction of base slab,
	-	South Depressed Road -	walls and columns for
		Fabrication and installation	North Approach Ramp
		of steel members for ELS,	
		pumping test	Construction for North
	-	Noise Barriers – Breaking	Depressed Road
		protection layer of the	
		existing footings to expose	
		the buried couplers, ground	
		investigation (ADH6)	
	-	Lift LT1 & LT2 – ground	
		investigation (DH17 &	
		DH18), trial pit for locating	
		underground utilities	

## 2. SUMMARY OF EM&A REQUIREMENTS AND MONITORING RESULTS

#### **Monitoring Requirements**

2.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009), impact air quality monitoring and impact noise monitoring shall be carried out during the construction phase of the Project.

#### **Air Quality Monitoring Locations**

2.2 Three designated monitoring stations were selected for air quality monitoring programme. Impact air quality monitoring was conducted at three air quality monitoring stations in the reporting period. Table 2.1 describes the air quality monitoring locations, which are also depicted in Figure 5.

Table 2.1 Locations of air quality monitoring stations

Air Quality Monitoring Locations for the Project	Location of Measurement
AM3 - Sky Tower	Podium floor near T7
AM4(A) - The Hong Kong Society for the Blind's	Rooftop
Factory cum Sheltered Workshop	Koortop
AM7 – Hong Kong Children's Hospital	Rooftop

#### Air Quality Monitoring Parameters, Frequency and Duration

2.3 The air quality monitoring locations and monitoring frequency are listed in Table 2.2.

*Table 2.2 Air quality monitoring parameters, frequency and duration* 

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
AM3 - Sky Tower	Podium floor near T7			
AM4(A) - The Hong Kong Society for the	Rooftop	- 24-hour average TSP	- 24 hours	- Once every 6 days
Blind's Factory cum Sheltered Workshop	1	- 1-hour	- 1 hour	- Three times

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
AM7 - Hong Kong Children's Hospital	Rooftop	average TSP		every 6 days

#### **Air Quality Monitoring Equipment**

2.4 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring.
24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour average TSP levels were measured by direct reading method to indicate short-term impacts.
Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.3 summarizes the equipment to be used in the air quality monitoring.

Table 2.3 Air Quality Monitoring Equipment

Equipment	Model	Quantity
HVS Sampler	TE-5170 X c/w of TSP sampling inlet	3
Calibrator	TISCH TE-5025A	1
1-hour TSP Dust Meter	TSI Model AM510 SidePak Personal Aerosol Monitor	2
Wind Anemometer	Davis Vantage Pro2 Weather Station	1

2.5 High volume samplers (HVS) (TE-5170 X c/w of TSP sampling inlet) comprising with appropriate sampling inlets were employed for 24-hour TSP monitoring. The sampler was composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complied with that required by USEPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50).

#### Air Quality Monitoring Methodology and QA/QC Procedure

#### 24-hour TSP Monitoring

#### Operating/Analytical Procedures

- 2.6 Setup criteria of HVS are shown as follows:
  - A horizontal platform with appropriate support to secure the samplers against gusty wind was provided.
  - No two samplers were placed less than 2m apart.

- The distance between the sampler and an obstacle, such as buildings, was at least twice the height that the obstacle protrudes above the sampler.
- A minimum of 2m of separation from walls, parapets and penthouses was set for the rooftop samples.
- A minimum of 2m separation from any supporting structure, measured horizontally was set
- No furnaces or incineration flues was nearby.
- Airflow around the sampler was unrestricted.
- The sampler was more than 20m from the dripline.
- Any wire fence and gate, to protect the samplers, was not caused any obstruction during monitoring.
- Permission were obtained to setup the samplers and to obtain access to the monitoring stations.
- A secured supply of electricity was provided to operate the samplers.
- 2.7 Prior to the commencement of the dust sampling, the flow rate of the HVS was properly set (between 1.1 m<sup>3</sup>/min. and 1.7 m<sup>3</sup>/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.
- 2.8 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 μm diameter were used.
- 2.9 The power supply was checked to ensure the sampler worked properly. On sampling, the sampler was operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air monitoring station.
- 2.10 The filter holding frame was removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.
- 2.11 The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure was sufficient to avoid air leakage at the edges.
- 2.12 The shelter lid was closed and secured with the aluminium strip.
- 2.13 The timer was programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper

can be found out by using the filter number).

- 2.14 After sampling, the filter was removed from the HVS and put into a clean and labeled seal plastic bag to avoid cross contamination. The elapsed time was also be recorded. The sampled filters were sent to the Castco Testing Centre Limited for weighting.
- 2.15 Before weighing, all filters were equilibrated in a conditioning environment for 24 hours. The conditioning environment temperature was between 25 °C and 30 °C and not vary by more than ±3 °C; the relative humidity (RH) was less than 50% and not vary by more than ±5%. A convenient working RH is 40%.

#### Maintenance/Calibration

- 2.16 The following maintenance/calibration are required for the HVS:
  - The HVS and their accessories were properly maintained. Appropriate maintenance such as routine motor brushes replacement and electrical wiring checking were made to ensure that the equipment and necessary power supply are in good working condition.
  - High volume samplers were calibrated with at bi-monthly intervals using TE-5025A
     Calibration Kit throughout all stages of the air quality monitoring.

#### 1-hour TSP Monitoring

#### Measurement Procedures

- 2.17 The measurement procedures of the 1-hour TSP were conducted in accordance with the Manufacturer's Instruction Manual as follows:
  - Set up the dust meter on a tripod at 1.2m level.
  - Turned on the dust meter and check the battery, if too low, change new ones. Pointed the meter to the source area or the planned measurement area.
  - The zero calibration of the instrument was conducted before and after each sampling.
  - TSP levels were recorded for 1-hour with 5-minute data logging interval.
  - Recorded down the general meteorological conditions, Test ID no., start/end time, initial/final reading at each sampling location for data processing.
  - Recorded any activities that may generate dust during measurement period.

#### Maintenance/Calibration

- 2.18 The following maintenance/calibration are required for the direct dust meters:
  - To validity the accuracy of dust meter, compare the results measured by dust meter and HVS by direct reading method every 12 months throughout all stages of the air quality monitoring.

#### **Wind Data Monitoring**

- 2.19 Wind Anemometer was installed at the roof-top of AM7 Hong Kong Children's Hospital with 10m above ground and clear of constructions or turbulence caused by the buildings to record wind speed and wind direction.
- 2.20 Details of weather information during the monitoring period are shown in Appendix C.

#### **Impact Air Quality Action and Limit Levels**

2.21 The Action and Limit Levels of 24-hour average TSP and 1-hour average TSP are summarized in Table 2.4 and Table 2.5 respectively.

*Table 2.4 Action and Limit Levels of 24-hour average TSP for construction dust monitoring* 

Parameter	Air Monitoring Station	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m <sup>3</sup>
24-hour average TSP	AM3	182	260
	AM4(A)	187	260
	AM7	181	260

*Table 2.5 Action and Limit Levels of 1-hour average TSP for construction dust monitoring* 

Parameter	Air Monitoring Station	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m³
1-hour average TSP	AM3	297	500
	AM4(A)	326	500
	AM7	315	500

#### **Impact Air Quality Monitoring results**

2.22 Impact monitoring results for 24-hour average TSP and 1-hour average TSP levels at the

designed air quality monitoring stations are summarized in Table 2.6 and Table 2.7 respectively.

<u>Table 2.6 Summary of 24-hour average TSP monitoring data during the reporting period</u>

	April	2020	May	2020	June	2020		
	24-hr		24-hr		24-hr			
Air	Average		Average		Average		Action	Limit
Monitoring	TSP	Range,	TSP	Range,	TSP	Range,	Level,	Level,
Station	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
	ation,		ation,		ation,			
	$\mu g/m^3$		$\mu g/m^3$		$\mu g/m^3$			
AM3	65	33 – 111	36	26-49	38	21-57	182	260
AM4(A)	73	40 – 106	42	34-53	34	27-45	187	260
AM7	66	34 - 106	31	27-40	38	29-45	181	260

Table 2.7 Summary of 1-hour average TSP monitoring data during the reporting period

	April	2020	May	2020	June	2020		
	1-hr		1-hr		1-hr			
Air	Average		Average		Average		Action	Limit
Monitoring	TSP	Range,	TSP	Range,	TSP	Range,	Level,	Level,
Station	Concentr	$\mu g/m^3$	Concentr	μg/m <sup>3</sup>	Concentr	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
	ation,		ation,		ation,			
	$\mu g/m^3$		$\mu g/m^3$		$\mu g/m^3$			
AM3	51	31-72	42	28-55	39	22-57	297	500
AM4(A)	54	33-79	46	24-58	40	24-60	326	500
AM7	62	43-125	43	28-73	40	24-52	315	500

- 2.23 There was no Action and Limit Level exceedance of 24-hour average TSP and 1-hour average TSP levels recorded during the reporting period.
- 2.24 Graphical presentation and detailed monitoring results of 24-hour average TSP and 1-hour average TSP levels are shown in Appendix D.
- 2.25 The Event and Action Plan is provided in Appendix E.
- 2.26 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

#### **Noise Monitoring Locations**

2.27 Two designated monitoring stations were selected for noise monitoring programme. Impact noise monitoring was conducted at two noise monitoring stations in the reporting period. Table

2.8 describes the noise monitoring locations, which are also depicted in Figure 6.

Table 2.8 Locations of noise monitoring stations

Noise Monitoring Locations for the Project	Location of Measurement
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	Rooftop (Façade)
M12 - Hong Kong Children's Hospital	Rooftop (Façade)

#### Noise Monitoring Parameters, Frequency and Duration

2.28 The noise monitoring locations and monitoring frequency are listed in Table 2.9.

Table 2.9 Noise monitoring parameters, frequency and duration

Noise Monitoring Station	Location for Measurement	Parameter	Frequency and Duration
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	1	$L_{ ext{Aeq}}, L_{ ext{A10}}$ and $L_{ ext{A90}}$	30 - minutes measurement at each monitoring station between 0700 – 1900 hrs on normal weekdays
M12 - Hong Kong Children's Hospital	Rooftop (Façade)		(Monday to Saturday) at frequency of once per week.

#### **Noise Monitoring Equipment**

2.29 As referred to in the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the IEC 61672-1 (Type 1) standard [this standard replaced the International Electrotechnical Commission Publications 60651:1979 (Type 1) and 60804:1985 (Type 1)] were used for noise monitoring. Table 2.10 summarizes the equipment to be used in the noise monitoring.

Table 2.10 Noise Monitoring Equipment

Equipment	Model	Quantity
Sound Level Meter	RION NL52	2
Sound Level Calibrator	RION NC 74	2
Air Flowmeter	TSI TA440 Air Velocity	1

#### Monitoring Methodology and QA/QC Procedure

- 2.30 The noise level measurement was conducted at 1m from the exterior of the nearby noise sensitive receivers building façade and at 1.2m above the ground and facing to the source area or the planned measurement area.
- 2.31 No noise measurement was conducted in the presence of fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. Air flow was measured by air flow meter.
- 2.32 Turned on the sound level meter and check the battery, if too low, change new ones.
- 2.33 Calibration was conducted immediately prior to and after each noise measurement, the accuracy of the sound level meters was checked by using sound calibrator generating 1,000 Hz with 94dB. Measurement data was found to be valid only if the calibration levels from before and after the noise measurement agreed to within 1.0 dB.
- 2.34 Noise level was recorded.
- 2.35 Recorded any activities that may generate noise during measurement period.

#### **Maintenance and Calibration**

- 2.36 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at quarterly intervals.
- 2.37 The sound level meter and sound calibrator were calibrated annually.
- 2.38 Calibration for sound level meter was conducted immediately prior to and following each noise measurement by using sound calibrator generating a known sound pressure level at a known frequency (1,000 Hz with 94dB). Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

#### **Impact Noise Action and Limit Levels**

2.39 The Baseline Noise Levels and Action and Limit Levels for construction noise is presented in Table 2.11.

Table 2.11 Baseline noise level and Action and Limit Levels for construction noise monitoring

Time Period	Noise Monitoring Station	Baseline Noise Levels, dB (A)	Action Level	Limit Level ^
0700 – 1900 on	M11	68.3	When one documented	75 dB(A)
normal weekdays	M12	61.9	complaint is received.	75 dB(11)

Note: ^ If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

#### **Impact Noise Monitoring results**

2.40 Impact noise monitoring results at the designed noise monitoring stations are summarized in Table 2.12.

Table 2.12 Summary of noise monitoring data during the reporting period

	April	2020	May	2020	June	2020		
Noise	Measured	Measured	Measured	Measured	Measured	Measured		<b>.</b>
Monitoring	$L_{Aeq}$	$L_{Aeq}$	$L_{Aeq}$	$L_{Aeq}$	$L_{Aeq}$	$L_{Aeq}$	Action	Limit
Station	30-min•	30-min•	30-min•	30-min•	30-min•	30-min•	Level	Level
Station	Average,	Range,	Average,	Range,	Average,	Range,		
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)		
M11	69.1	65.9 –	68.3	67.6 –	67.8	66.6 –	When one	
IVIII	09.1	71.4	06.3	69.5	07.8	68.5	documented	75
M12	65.6	63.6 –	67.6	64.2 –	67.6	64.6 –	complaint is	dB(A)
IVI 1 Z	05.0	66.9	07.0	70.1	07.0	70.2	received	

Note: ^ If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

- 2.41 There were no Action Level exceedance of noise monitoring and Limit Level exceedance of  $L_{Aeq}$ ,  $_{30min}$  recorded during the reporting period.
- 2.42 Graphical presentation and detailed monitoring results of impact noise are shown in Appendix D.

- 2.43 The Event and Action Plan is provided in Appendix E.
- 2.44 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

#### **Comparison of EM&A Results with EIA Predictions**

2.45 The environmental impacts predictions were given in Agreement No. CE 35/2006(CE) Kai Tak Development Engineering Study cum Design and Construction of Advance Works - Investigation, Design and Construction - Kai Tak Development Environmental Impact Assessment Report, EIA Register Nos. AEIAR-130/2009 for Kai Tak Development (The EIA Report). The EM&A data was compared with the EIA predictions as summarized in Table 2.13 to Table 2.15.

Table 2.13 Comparison of 24-hour average TSP monitoring data with EIA predictions

	ASR	Predicted Cumulative Maximum 24-hr average TSP concentration		Measured 24-hr average TSP in	Measured 24-hr average	Measured 24-hr average TSP in
Air Monitoring Station	No. in EIA report	Scenario 1 (Mid 2009 to Mid 2013), µg/m <sup>3</sup>	Scenario 2 (Mid 2013 to Late 2016), µg/m <sup>3</sup>	Reporting Month (April 2020)  µg/m <sup>3</sup>	TSP in Reporting Month (May 2020) µg/m <sup>3</sup>	Reporting Month (June 2020)  µg/m <sup>3</sup>
AM3 - Sky Tower	A40^	106	138	33 – 111	26 - 49	21 - 57
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	A43^	123	195	40 – 106	34 – 53	27 – 45
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	34 – 106	27 – 40	29 – 45

Note:

<sup>^</sup> Prediction results are given in the Table 3.13 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

Table 2.14 Comparison of 1-hour average TSP monitoring data with EIA predictions

Air Monitoring Station	ASR No. in EIA report	Maximu averag	Cumulative m 1-hour ge TSP atration Scenario 2 (Mid 2013 to Late 2016), µg/m³	Measured 1-hr average TSP in Reporting Month (April 2020) µg/m³	Measured 1-hr average TSP in Reporting Month (May 2020) µg/m³	Measured 1-hr average TSP in Reporting Month (June 2020) µg/m³
AM3 - Sky Tower	A40	217^	247^	31 - 72	28 - 55	22 - 57
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	A43	283^	409^	33 - 79	24 – 58	24 – 60
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	43 - 125	28 – 73	24 – 52

Note:

Table 2.15 Comparison of noise monitoring data with EIA predictions

		Predicted			
		Mitigated	Measured	Measured	Measured
	NSR	Construction	Noise Level in	Noise Level in	Noise Level in
Noise Monitoring	No. in	Noise Levels	Reporting	Reporting	Reporting
Station	EIA	during Normal	Month	Month	Month
Station		Daytime	(April 2020)	(May 2020)	(June 2020)
	report	Working Hour	L <sub>Aeq, 30min</sub> ,	L <sub>Aeq, 30min</sub> ,	L <sub>Aeq, 30min</sub> ,
		L <sub>Aeq, 30min</sub> ,	dB(A)	dB(A)	dB(A)
		dB(A)			
M11 - The Hong					
Kong Society for					
the Blind's Factory	N18	50 – 76*	65.9 - 71.4	67.6 – 69.5	66.6 - 68.5
cum Sheltered					
Workshop					
M12 - Hong Kong	PN83,				
Children's	PN84,	NA	63.6 - 66.9	64.2 - 70.1	64.6 - 70.2
Hospital	PN84A				

Note:

2.46 One 24-hour TSP monitoring results at AM3 on 28 April 2020 was recorded higher than the Scenario 1 (Mid 2009 to Mid 2013) prediction but lower than the Scenario 2 (Mid 2013 to Late 2016) in the EIA Report. In the afternoon of 28 April 2020, 3 yachts caught fire in Kwun Tong Typhoon Shelter off Hoi Bun Road was occurred. The fire may affect the 24-hour average TSP monitoring result (i.e.  $111 \mu g/m^3$ ) at AM3 on 28 April 2020. For May 2020 and June 2020,

<sup>^</sup> Prediction results are given in the Table 3.13 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

<sup>\*</sup> Prediction results are given in the Table 3.20 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

- 24-hour TSP monitoring results at AM3 were recorded lower than the prediction in the EIA Report.
- 2.47 24-hour TSP monitoring results at AM4(A) recorded in the reporting period were lower than the prediction in the EIA Report.
- 2.48 No prediction in the EIA Report for 24-hour TSP monitoring results at AM7.
- 2.49 1-hour TSP monitoring results at AM3, AM4(A) recorded in the reporting period were recorded lower than the prediction in the EIA Report.
- 2.50 No prediction in the EIA Report for 1-hour TSP monitoring results at AM7.
- 2.51 Noise monitoring results at M11 recorded in the reporting period were lower than the prediction in the EIA Report.
- 2.52 No prediction in the EIA Report for noise monitoring results at M12.

#### 3. LANDSCAPE AND VISUAL MONITORING

- 3.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009 and AEIAR-170/2013), Landscape and Visual Monitoring shall be carried out during the construction phase of the Project. Regular impact monitoring will be conducted at least once per week.
- 3.2 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.
- 3.3 No non-compliance of the landscape and visual impact was recorded in the reporting period.
- 3.4 Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in Appendix E shall be performed.

### 4. SOLID AND LIQUID WASTE MANAGEMENT

- 4.1 The amount of wastes generated by the major site activities of the work contracts within the Project during the reporting period is shown in Appendix F.
- 4.2 The Contractor was registered as a chemical waste producer for the Project. The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.
- 4.3 Mitigation measures recommended in the EIA Report were implemented by the Contractor where applicable and were considered effective in reduction the waste generation during the reporting period.

#### 5. ENVIRONMENTAL SITE INSPECTION AND AUDIT

#### **Site Inspection**

- 5.1 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.
- 5.2 All follow-up actions requested by ET and/or IEC during site inspections were undertaken by the Contractor and ET reviewed the effectiveness in the following weekly site inspection.
- 5.3 The summaries of site audits are attached in Table 5.1.

Table 5.1 Summary of site inspections observations during the reporting period

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
2 Apr	Observation: Dust suppression measures were not implemented on dusty road.	Action Taken: Water spraying was implemented.	Closed-out 9 Apr 2020
2 Apr 2020	Observation: The stagnant water was observed.	Action Taken: The stagnant water was cleared.	Closed-out 9 Apr 2020
	Observation: Accumulated waste was found.	Action Taken: Accumulated waste was removed.	Closed-out 9 Apr 2020
9 Apr 2020	Observation: Drip tray was not provided for the waste lubricant oil tank found under the mobile crane at north apron.	Action Taken: The waste lubricant oil tank was removed at north apron.	Closed-out 16 Apr 2020
	Observation: Dust suppression measures were not implemented on dusty road.	Action Taken: Water spraying system has been installed.	Closed-out 16 Apr 2020
16 Apr 2020	Observation: The open stockpiles of construction materials on sites were not covered.	Actions taken: The open stockpiles of construction materials on sites were covered.	Closed-out 23 Apr 2020
23 Apr 2020	No	NA	NA
29 Apr 2020	Observation: Dust suppression measures were not implemented on dusty road.	Action Taken: Water spraying system has been installed.	Closed-out 5 May 2020
7 May 2020	No	NA	NA

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
14 May 2020	No	NA	NA
21 May 2020	Observation: The stagnant water was observed.	Action Taken: The stagnant water was cleared.	Closed-out 28 May 2020
28 May 2020	Observation: The stagnant water in drip tray was found.	Action Taken: The stagnant water in drip tray was cleared.	Closed-out 4 June 2020
4 June 2020	Observation: The stagnant water should be cleared	Action Taken: The stagnant water has been cleared.	Closed-out 11 June 2020
11 June 2020	NA	NA	NA
18 June 2020	Observation: The noise barrier for excavator mounted concrete breaker shall be replaced with new one for improving noise reduction effect.	Action Taken: The noise barrier for excavator mounted concrete breaker was replaced.	Closed-out 24 June 2020
24 June 2020	NA	NA	NA

#### <u>Implementation Status of Environmental Mitigation Measures</u>

5.4 The Contractor has implemented environmental mitigation measures and requirement as stated in the EIA reports, the EPs and the EM&A Manuals. The implementation status of the mitigation measures during the reporting period is summarized in Appendix G.

#### 6. SUMMARY OF NON-COMPLIANCE STATUS

#### **Breaches of Action and Limit Levels**

- 6.1 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.2 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.3 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.4 Summary of the non-compliance in the reporting period for the Project is tabulated in Table 6.1.

Table 6.1 Non-compliance record in the reporting period

	*			
Parameter	Donouting Donied	No. of Exceedance		A ation Taken
	Reporting Period	Action Level	Limit Level	Action Taken
1-hr TSP	April 2020	0	0	N/A
	May 2020	0	0	N/A
	June 2020	0	0	N/A
24-hr TSP	April 2020	0	0	N/A
	May 2020	0	0	N/A
	June 2020	0	0	N/A
Construction noise	April 2020	0	0	N/A
	May 2020	0	0	N/A
	June 2020	0	0	N/A

#### **Environmental Complaint and Non-compliance**

6.5 No complaint was received in the reporting period. Summary of complaints in the reporting period is tabulated in Table 6.2.

Table 6.2 Summary of complaints in the reporting period

Date of Notification from EPD	Date of compliant	Description of complaint	Recommendations / Action take	Close-out date / Status
No complaint was received in the reporting period.	NA	NA	NA	NA

6.6 Complaint log is shown in Appendix H.

#### Notifications of summons and successful prosecutions

6.7 No notification of summons and successful prosecutions was received in the reporting period. Summary of summons and successful prosecutions in the reporting period is tabulated in Table 6.3.

Table 6.3 Summary of summons and successful prosecutions in the reporting period

Date of receiving notification of summons or prosecutions	Date of event	Description of event	Action take	Close-out date / Status
No notification	NA	NA	NA	NA
of summons				
and				
successful				
prosecutions				
were				
received in				
the reporting				
period.				

6.8 The summaries of cumulative environmental complaint, warning, summon and notification of successful prosecution for the Project is presented in Appendix H.

#### 7. COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

#### **Comments**

- 7.1 Mitigation measures in the EM&A Manuals were implemented during the reporting period. The effectiveness and efficiency of the mitigation measures were reviewed during the weekly environmental site inspection and audit.
- 7.2 Environmental monitoring works (air quality and construction noise) were performed in the reporting period to monitor the environmental impacts from the Project site.
- 7.3 Based on the observations from the site inspection and reviewing the environmental monitoring results, it would be considered that the mitigation measures were effective and efficient in controlling the environmental impacts generated from the construction activities of the Project site.

#### **Recommendations**

7.4 During the weekly environmental site inspection and audit performed in the reporting period, the following recommendations were provided:

<u>Table 7.1 Summary of recommendations / reminders made in site inspections during the reporting period</u>

Inspection Date	Recommendations / Reminders
_	Dust suppression measures should be implemented on dusty road.
2 Apr 2020	Stagnant water should be cleared.
	Accumulated waste should be removed.
	Drip tray should be provided for the waste lubricant oil tank found under the
9 Apr 2020	mobile crane at north apron.
	Dust suppression measures should be implemented on dusty road.
16 Apr 2020	The open stockpiles of construction materials on sites should be covered
10 Apr 2020	properly.
23 Apr 2020	No
29 Apr 2020	Dust suppression measures should be implemented on dusty road.
7 May 2020	No
14 May 2020	No
21 May 2020	Stagnant water should be cleared.

Inspection Date	Recommendations / Reminders
28 May 2020	Stagnant water in drip tray should be cleared.
4 June 2020	Stagnant water should be cleared.
11 June 2020	No
18 June 2020	The noise barrier for excavator mounted concrete breaker should be replaced with new one for improving noise reduction effect.
24 June 2020	No

#### **Conclusions**

- 7.5 Environmental monitoring works were performed in the reporting period and all monitoring results were checked and reviewed.
- 7.6 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.7 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.8 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.9 No complaint was received in the reporting period.
- 7.10 No notification of summons and successful prosecutions was received in the reporting period.

### Figure

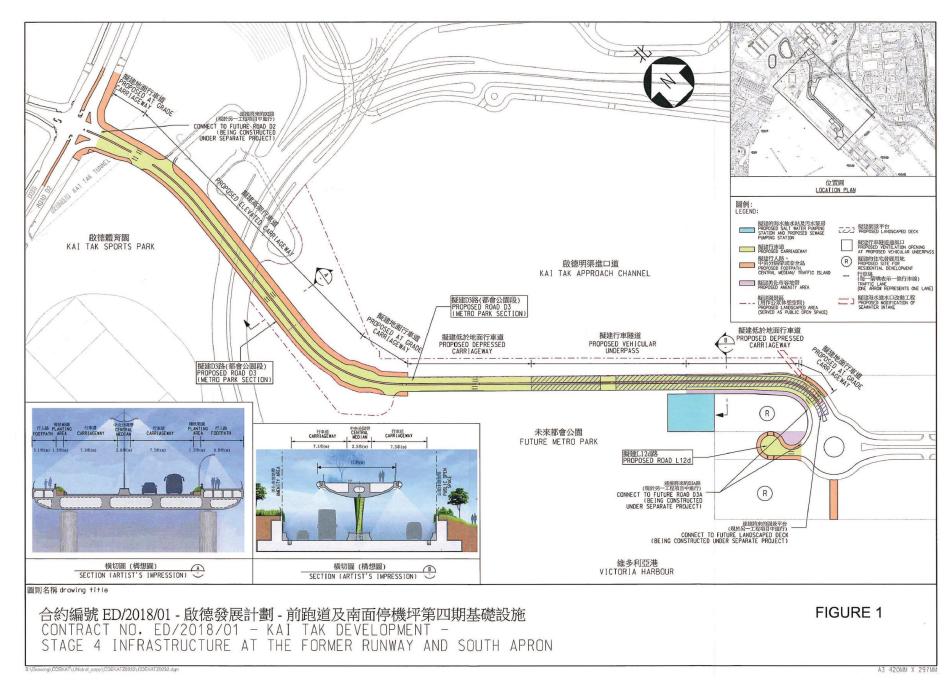


Figure 1 – Proposed works of Contract No. ED/2018/01

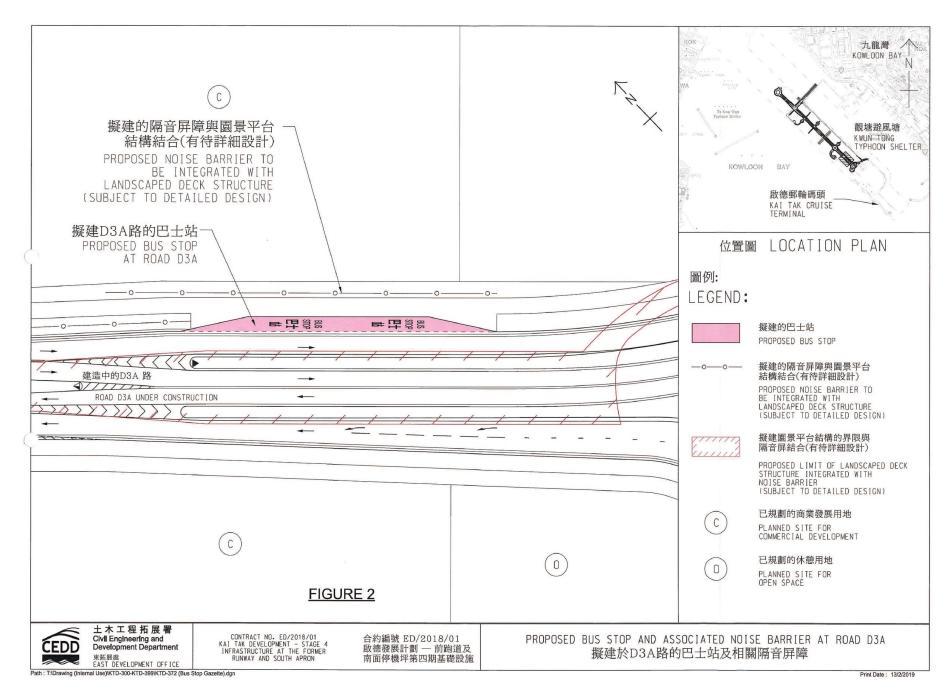


Figure 2 – Proposed Bus Stop And Associated Noise Barrier At Road D3A

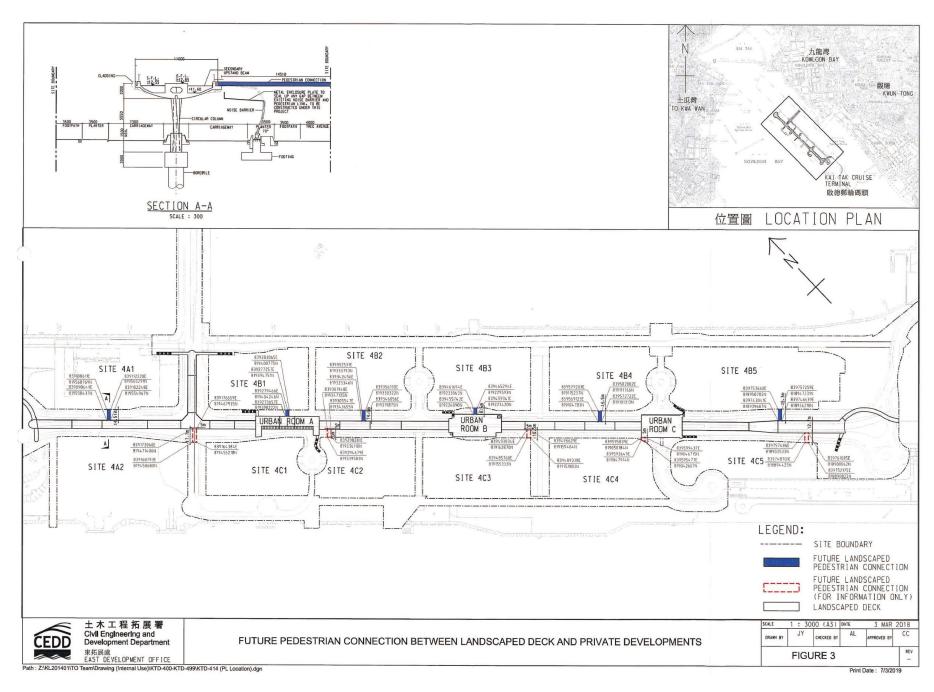


Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

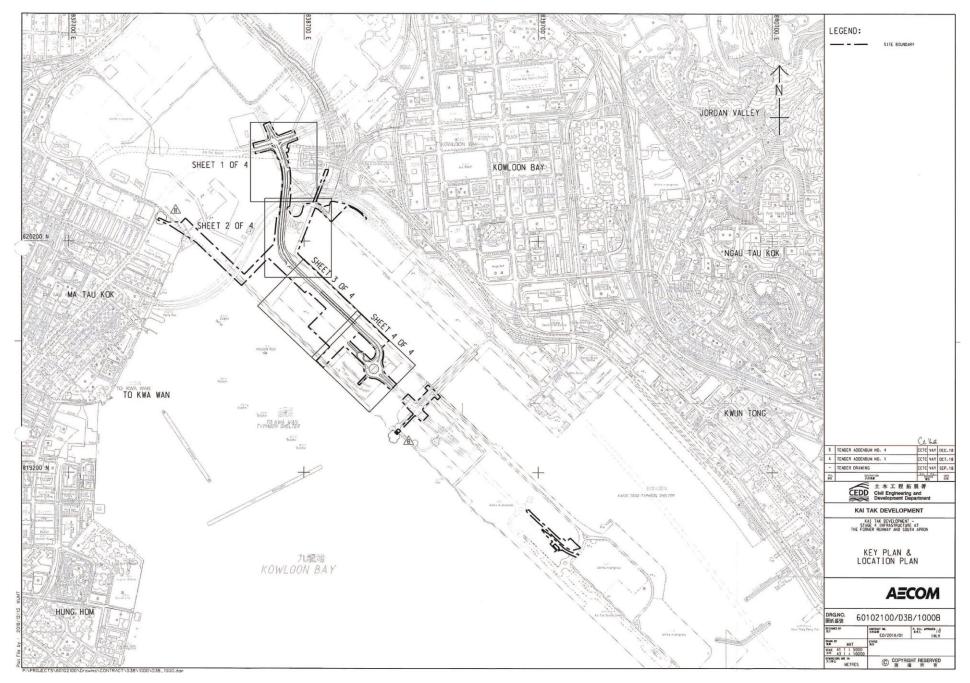


Figure 4 – Site Layout Plan

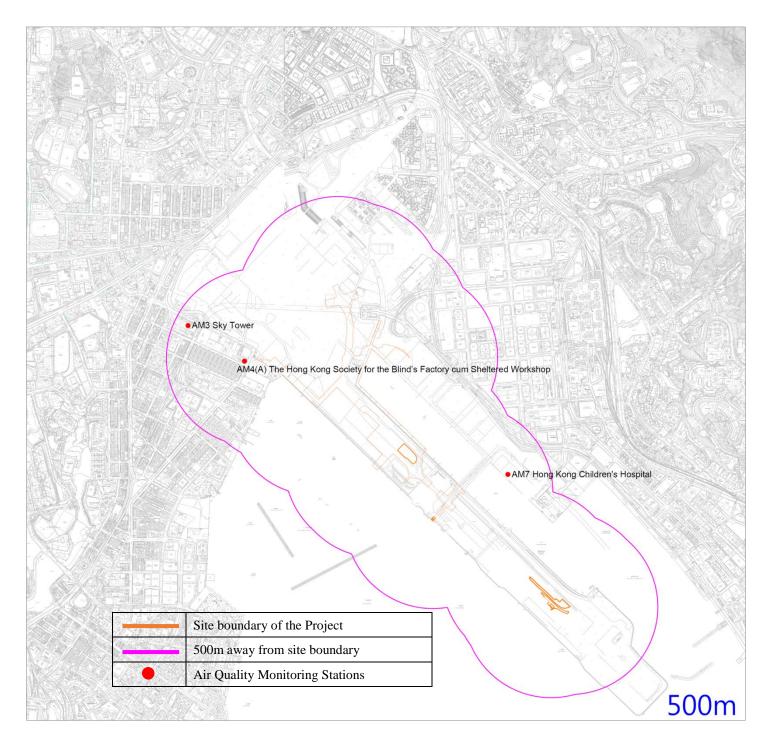
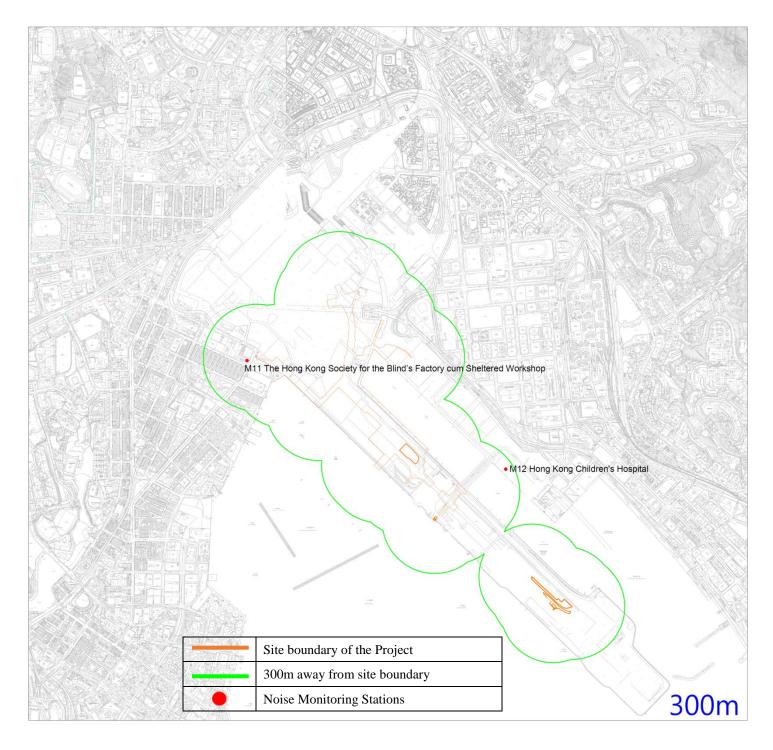
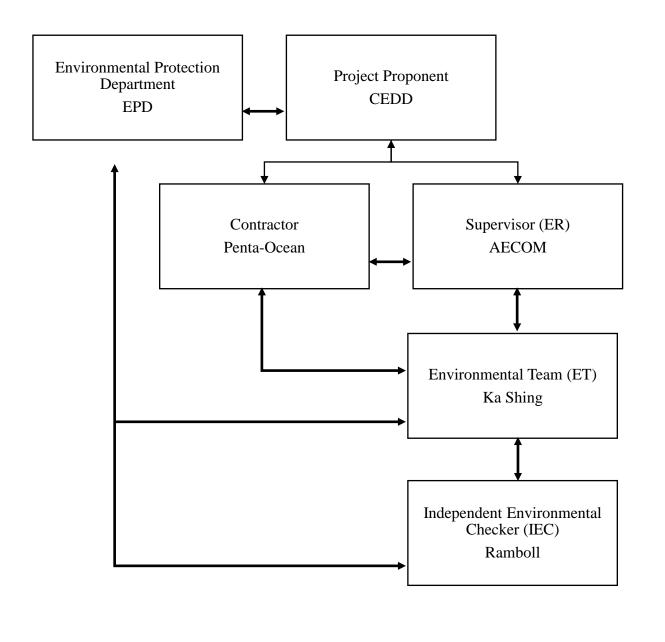


Figure 5 – Air Quality Monitoring Stations



 $Figure\ 6-Noise\ Monitoring\ Stations$ 

Appendix A – Organization Chart of EM&A Team and Emergency
Team



#### Penta-Ocean Construction Co., Ltd

Contract No. ED/2018/01 –Kai Tak development – stage 4 infrastructure at the former runway and south apron







緊急應變小組成員及聯絡電話 Emergency Team Contact List

NAME 姓名	TEAM MEMBER 成員	POSITION 職位	TEL. 電話
	Emergency Ho	otline : 9317-082	1
何先生 Daniel HO	總隊長 Emergency Coordinator	地盤代表 Site Agent	9271-6455
林先生 C. K. LAM	副隊長 Asst. Emergency Coordinator	地盤總管 Gerenal Foreman	9869-9978
鄧先生 Nelson TANG	副隊長 (急救員) Asst. Emergency Coordinator (First Aider)	安全經理 Safety Manager	9630 1923
蔣先生 Kay CHEUNG	副隊長 (急救員) Asst. Emergency Coordinator (First Aider)	安全主任 Safety Officer	9094-1110
梁先生 Kevin LEUNG	隊員 (急救員) Member (First Aider)	安全督導員 Safety Supervisor	6015-7981
鄧先生 Tony TANG	隊員 Member	助理地盤代表 Sub Agent	9433-2628
林先生 YS LAM	隊員 Member	電工 Electrician	9603-2722
	Emergency Contact of A	luthorities / Utility Compani	ies
	/ Utility Companies 引公營機構名稱		/ Service Hotline
	ine) 救護車總機 (Serious Injury)		设務召援電話 135-3355
	ng) 消防處 (馬頭涌消防局)		711-0292
Police Station (Ngau Tau	Kok) 警署 (牛頭角分區)	36	661-1626
LabourDept (Enquiry Hoti	line) 勞工處	27	717-1771
Environmental Protection	Dept 環保處	28	302-3111
Marine Dept 海事處  Manitima Daggue Co andin	nation Contro (24 barra)	22	33 <i>-</i> 7999
Maritime Rescue Co-ordin Marine Dept Harbour Divi			85-9385
E&MD Dept 機電工程	3.5 5417 5111561		11 / 2333-3762
Highways Dept (24hrs)	各政處熱線		23-7766
Utility Undertakers Co			
China Light Power Ltd 中華	華電力 2728-8333	HK Observatory 香港天文台	2835-1473
Hong Kong Electric 港燈電	重力 2555-4999	Weather Enquiry 查詢天氣	1878-200
Town Gas 中華煤氣	2963-1811 / 2880-6999	Security Guard Service 保安	5725-2784
Water Supplies Dept 水彩	8署 2824-5000	Drainage Services Dept 渠務署	2300-1110
PCCW Limited 電話公司	109	er voor bel	

# **Appendix B – Construction Programme**

							22092019_Rev	rised Programme with	Progress Update as o	of 22-Sep-19	)			
T	ask Name	Duration	Remaining Duration	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical %	Free Slack	Time Risk Allowance	es Slack 2019 2020 2021 2022 2023	2024
1 6	wainst Dates	1941 dove	1941 days	May 16, 2010	NA	Mov 16, 2010	May 20, 2024	May 16, 2010	May 20, 2024	Complete	O days	(TRA)		H2 H1
_	roject Dates  Contract Date	<b>1841 days</b> 0 days	1841 days 0 days	May 16, 2019 May 16, 2019	May 16, 2019	May 16, 2019 May 16, 2019	May 29, 2024 May 16, 2019	May 16, 2019 May 16, 2019	May 29, 2024 May 16, 2019	<b>0%</b>	0 days	0 days 0 days	0 days 0 days Contract Date	
3	Date of Commencement & Completion (CDP1: Item 3)	1827 days	1827 days	May 30, 2019	NA	May 30, 2019	May 29, 2024	May 30, 2019	May 29, 2024	0%	0 days		0 days	
4	Starting Date (CDPart1: Item 3)	0 days	0 days	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	100%	0 days	0 days	0 days Starting Date (CDPart1: Item 3)	
5	Completion Date	0 days	0 days	NA	NA	May 30, 2023	May 30, 2023	May 30, 2023	May 30, 2023	0%	0 days	0 days		npletion Date
6	Establishment Work	365 days	365 days	NA	NA	May 31, 2023	May 29, 2024	May 31, 2023	May 29, 2024	0%	0 days	0 days	0 days	<u> </u>
7	Schedule of Access Dates (CDP1: Item 3[TA No.1)	1221 days	1221 days	May 30, 2019	NA	May 30, 2019	October 2, 2022	May 30, 2019	October 2, 2022	0%	0 days	0 days	0 days Schedule of Access	s Dates (CDP1:
8	Access Date - Part 1, 6A,6B,9A,9B	0 days	0 days	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	100%	0 days	0 days	0 days Access Date - Part 1 6A 6B,9A,9B	
9	Access Date - Part 2A,2C	0 days	0 days	NA	NA	June 2, 2020	June 2, 2020	June 2, 2020	June 2, 2020	0%	0 days	0 days	0 days Access Date - Part 2A,2C	
10	Access Date - Part 2B	0 days	0 days	NA	NA	January 31, 2021	January 31, 2021	January 31, 2021	January 31, 2021	0%	0 days	0 days	0 days Access Date - Part 2B	
11	Access Date - Part 2E	0 days	0 days	NA	NA	October 2, 2022	October 2, 2022	October 2, 2022	October 2, 2022	0%	0 days	0 days	0 days Access Date - Part 2	2E
12	Access Date - Part 3A	0 days	0 days	NA	NA	March 6, 2022	March 6, 2022	March 6, 2022	March 6, 2022	0%	0 days	0 days	0 days Access Date - Part 3A	
13	Access Date - Part 3B,4	0 days	0 days	NA	NA	March 5, 2021	March 5, 2021	March 5, 2021	March 5, 2021	0%	0 days	0 days	0 days Access Date - Part 3B,4	
14	Access Date - Part 3C,3D,3E,3G,3I	0 days	0 days	NA	NA	December 2, 2019	December 2, 2019	December 2, 2019	December 2, 2019	0%	0 days	0 days	0 days Access Date - Part 3C,3D,3E,3G,3I	
15	Access Date - Part 3F	0 days	0 days	NA	NA	June 3, 2022	June 3, 2022	June 3, 2022	June 3, 2022	0%	0 days	0 days	0 days Access Date - Part 3F	
16	Access Date - Part 3H,7A,7B,8,9 (TA No.1)	0 days	0 days	NA	NA	August 31, 2021	August 31, 2021	August 31, 2021	August 31, 2021	0%	0 days	0 days	0 days Access Date - Part 3H,7A,7B,8,9 (TA No.1)	
17	Access Date - Part 10	0 days	0 days	NA	NA	June 2, 2021	June 2, 2021	June 2, 2021	June 2, 2021	0%	0 days	0 days	0 days Access Date - Part 10	
18	Access Date - Area WA1	0 days	0 days	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	May 30, 2019	100%	0 days	0 days	0 days Access Date - Area WA1	
19	Schedule of Time for Ordering (CDP1: Item Cl.B5)	695 days	695 days	July 5, 2019	NA	July 5, 2019	May 30, 2021	July 5, 2019	May 30, 2021	0%	0 days	0 days	0 days Schedule of Time for Ordering (CDP1: Item Cl.B5)	5)
20	Time for Ordering "Section Subject to Excision" - Section 4	0 days	0 days	NA	NA	June 2, 2020	June 2, 2020	June 2, 2020	June 2, 2020	0%	0 days	0 days	0 days Time for Ordering "Section Subject to Excision" - Section 4	
21	Time for Ordering "Costion Subject to Euclidea"   Costian C	0 days	0 days	NA	NA	luno 2, 2020	luno 2, 2020	luno 2, 2020	luno 2, 2020	0%	0 day::	0 days	0 days Time for Ordering "Section Subject to Excision" - Section 8	
21	Time for Ordering "Section Subject to Excision" - Section 8	0 days	0 days	INA	INA	June 2, 2020	June 2, 2020	June 2, 2020	June 2, 2020	0%	0 days	0 days	0 days Time for Ordering Section Subject to Excision - Section 8	
22	Time for Ordering "Section Subject to Excision" - Section 9	0 days	0 days	July 5, 2019	July 5, 2019	July 5, 2019	July 5, 2019	July 5, 2019	July 5, 2019	100%	0 days	0 days	0 days Time for Ordering Section Subject to Excision - Section 9	
														C41 - 10
23	Time for Ordering "Section Subject to Excision" - Section 10	0 days	0 days	NA	NA	May 30, 2021	May 30, 2021	May 30, 2021	May 30, 2021	0%	0 days	0 days	0 days Time for Ordering "Section Subject to Excision" -	- Section 10
24	Schedule of Key Dates (CDP1: Item 3[TA No.1])	665 days	665 days	NA	NA	August 7, 2020	June 3, 2022	August 7, 2020	June 3, 2022	0%	0 days	0 days	0 days Schedule of Key Dates (CD	DP1: Item 3ITA
25	KD1	0 days	0 days	NA	NA NA	August 7, 2020	August 7, 2020	August 7, 2020	August 7, 2020	0%	0 days	0 days	0 days	
26	KD2	0 days	0 days	NA	NA	April 18, 2021	April 18, 2021	April 18, 2021	April 18, 2021	0%	0 days	0 days	0 days KP2	
27	KD3	0 days	0 days	NA	NA	June 1, 2021	June 1, 2021	June 1, 2021	June 1, 2021	0%	0 days	0 days	0 days KD3	
28	KD4	0 days	0 days	NA	NA	January 31, 2022		January 31, 2022	January 31, 2022	0%	0 days	0 days	0 days KD4	
29	KD5	0 days	0 days	NA	NA				September 17, 202		0 days	0 days	0 days KD5	
30	KD6	0 days	0 days	NA	NA				December 29, 2021		0 days	0 days	0 days	
31	KD7	0 days	0 days	NA	NA	June 3, 2022	June 3, 2022	June 3, 2022	June 3, 2022	0%	0 days	0 days	0 days KD7	
32	Schedule of Section Completion (CDP1 Cl. X5)	1092 days	1092 days	NA	NA	June 2, 2021	May 29, 2024	June 2, 2021	May 29, 2024	0%	0 days	0 days	0 days	
33	Section Completion Date Section 1	0 days	0 days	NA	NA	March 1, 2022	March 1, 2022	March 1, 2022	March 1, 2022	0%	0 days	0 days	0 days Section Completion Date Section	on 1
34	Section Completion Date Section 2	0 days	0 days	NA	NA	June 2, 2021	June 2, 2021	June 2, 2021	June 2, 2021	0%	0 days	0 days	0 days Section Completion Date Section 2	
35	Section Completion Date Section 3	0 days	0 days	NA	NA	November 2, 2021	November 2, 2021	November 2, 2021	November 2, 2021	0%	0 days	0 days	0 days Section Completion Date Section 3	
36	Section Completion Date Section 4	0 days	0 days	NA	NA	May 30, 2023	May 30, 2023	May 30, 2023	May 30, 2023	0%	0 days	0 days	0 days Sect	tion Completio
37	Section Completion Date Section 5	0 days	0 days	NA	NA	July 5, 2021	July 5, 2021	July 5, 2021	July 5, 2021	0%	0 days	0 days	0 days Section Completion Date Section 5	
38	Section Completion Date Section 6	0 days	0 days	NA	NA	May 30, 2023	May 30, 2023	May 30, 2023	May 30, 2023	0%	0 days	0 days	0 days Sect	tion Completio
39	Section Completion Date Section 7	0 days	0 days	NA	NA	May 29, 2024	May 29, 2024	May 29, 2024	May 29, 2024	0%	0 days	0 days	0 days	
40	Section Completion Date Section 8	0 days	0 days	NA	NA	December 2, 2021	December 2, 2021	December 2, 2021	December 2, 2021	0%	0 days	0 days	0 days Section Completion Date Section 8	
41	Section Completion Date Section 9	0 days	0 days	NA	NA	July 5, 2021	July 5, 2021	July 5, 2021	July 5, 2021	0%	0 days	0 days	0 days Section Completion Date Section 9	
42	Section Completion Date Section 10	0 days	0 days	NA	NA	May 30, 2023	May 30, 2023	May 30, 2023	May 30, 2023	0%	0 days	0 days	0 days Sect	tion Completio
43 <b>P</b>	re-meeting of ACABAS	153 days	153 days	NA	NA	November 29, 2019	April 30, 2020	May 29, 2024	May 29, 2024	0%	1491 d		1491 d Pre-meeting of ACABAS	
44	Design Working Group Meeting	0 days	0 days	NA	NA	November 29, 2019	November 29, 2019	May 29, 2024	May 29, 2024	0%	1644 d		1644 d Design Working Group Meeting	
45	Task Force on Kai Tak Harbourfront Development Meeting	0 days	0 days	NA	NA	January 31, 2020	January 31, 2020	May 29, 2024	May 29, 2024	0%	1581 d		1581 d	
46	District Council Consultation	0 days	0 days	NA	NA	April 30, 2020	April 30, 2020	May 29, 2024	May 29, 2024	0%	1491 d		1491 d District Council Consultation	
47 F	roject Submission	853 days	679.02 days	May 16, 2019	NA	May 16, 2019	September 14, 20	May 16, 2019	May 29, 2024	0%	988 days	0 days	988 days Project Submission	
48	Submit Third Parties Insurance	71 days	0 days	June 18, 2019	August 27, 2019	June 18, 2019		June 18, 2019	August 27, 2019	100%	0 days	0 days	0 days Submit Third Parties Insurance	
49	Submit Professional Indemnity Insurance	29.39 days	14 days	June 11, 2019	NA	June 11, 2019	October 22, 2019	June 11, 2019	May 29, 2024	52%	2 days	0 days	1681.1 Submit Professional Indemnity Insurance	
50	Review, Comment and Acceptance of Insurances by Project	139.1 days	50 days	June 13, 2019	NA	June 13, 2019	November 11, 2019	June 13, 2019	May 29, 2024	64%		0 days	1661 Review, Comment and Acceptance of Insurances by Project Manager	
51	Manager Works Programme	160 days	60.42 days	May 16, 2019	NA	May 16, 2019	October 22, 2019	May 16, 2019	June 1, 2020	0%	days 223 days		days 223 days	
51 52	Submit First Programme	20 days	0 days	May 16, 2019	June 4, 2019	May 16, 2019 May 16, 2019	June 4, 2019	May 16, 2019 May 16, 2019	June 1, 2020 June 4, 2019	100%	0 days		0 days Submit First Programme	
53	Review and Comment by Project Manager	9 days	0 days	June 5, 2019	June 13, 2019	June 5, 2019	June 13, 2019	June 5, 2019	June 13, 2019	100%	0 days		0 days Review and Comment by Project Manager	
54	Revise and Resubmission of Works Programme	30 days	9.21 days	June 14, 2019	NA	June 14, 2019	October 2, 2019	June 14, 2019	May 11, 2020	69%		0 days	222.79 Revise and Resubmission of Works Programme	
55	Final Review and Acceptance of the First Programme by	21 days	21 days	NA	NA NA	October 2, 2019		May 12, 2020	June 1, 2020	0%	218.79	0 days	222.79 Final Review and Acceptance of the First Programme by Project Manager	
55	Project Manager					500500 2, 2015	20, 2013	, 12, 2020	23 2, 2020	5,3	days	3 44,5	days	
56	Submit Health and Safety Management Plan (ACC Cl. D6(2))	6 days	0 days	May 30, 2019	June 4, 2019	May 30, 2019	June 4, 2019	May 30, 2019	June 4, 2019	100%	0 days	0 days	0 days Submit Health and Safety Management Plan (ACC CI. D6(2))	
	Color to Date that Date are	12.1	42.1	110		Outstand 20 cons	Name of the second	Mary 46, 200	14 20 205	00/	4.000	0.4	deca	
57	Submit Detailed Programme for Safety Risk (ER Part 7, Cl. 7.3.4)	12 days	12 days	NA	NA	October 29, 2019	November 9, 2019	May 18, 2024	May 29, 2024	0%	1663 days	0 days	1663 Submit Detàiled Programmel for Safety Risk (ER Part 7, Cl. 7.3.4)	
58	Submit Environmental Management Plan (ACC Cl. D20(2))	6 days	0 days	May 30, 2019	June 4, 2019	May 30, 2019	June 4, 2019	May 30, 2019	June 4, 2019	100%	0 days	0 days	0 days Submit Environmental Management Plan (ACC CI, D20(2))	
	• • • • • • • • • • • • • • • • • • • •	.,-	.,.	, ., .==		, ,, , ===		, , , ,	,		- /-	,		
59	Submit QA/QC Manual	14 days		NA	NA	October 25, 2019	November 7, 2019		May 29, 2024	0%	1665 d	0 days	1665 d Submit QA/QC Manual	
60	Submit BIM Models Deliverables	103 days	41.33 days	August 19, 2019	NA	August 19, 2019	November 30, 2019	August 19, 2019	May 29, 2024	0%	1643 d		1643 d Submit BIM Models Deliverables	
00	Existing Site Model (Topography)	5 days	0 days	August 19, 2019	August 23, 2019	August 19, 2019	August 23, 2019	August 19, 2019	August 23, 2019	100%	0 days		O days   Existing Site Model (Topography)	
61														
61	ed Programme Critical Took			anual Task	Duration	only	Raselina Milortona	) C,	many		ternal Tacks		Inactive Milestone Receipe Summany	
61 le: Revis	ed Programme- D18/01 with Progress Critical Split Split			anual Task art-only	Duration-o Baseline	only	Baseline Milestone  Milestone				ternal Tasks ternal Milest	one ♦	Inactive Milestone Baseline Summary  Inactive Summary	
ED/20			St.				Baseline Milestone Milestone Summary Progress	Manu	nary ual Summary ct Summary	Ext		one ♦	Inactive Milestone Baseline Summary  Inactive Summary  Deadline	

							22092019_Rev	vised Programme with	Progress Update as o	22-Sep-19			
ID T	ask Name	Duration		Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Fre		ime Risk To	
			Duration							% Sla Complete		Allowances SI TRA)	H1
62	Existing Underground Utilities (UU) Model	5 days	0 days		August 30, 2019		August 30, 2019		August 30, 2019	100% 0 d			ays Sun September 22 ) Underground Utilities (UU) Model
63	3D Digital Survey For Existing Conditions 3D Photogrametry Model	28 days	4.8 days 40.02 days	September 2, 2019 September 16, 201				9 September 2, 2019			03 d 70.9		03 d 3D Digital Survey For Existing Conditions
64	AIP Model	46 days 18 days	1.08 days	September 6, 2019				September 16, 2019 9 September 6, 2019			09.9		09.9 AIP Model
66	Interfacing Contract Model	15 days	1.05 days	September 9, 2019				9 September 9, 2019	-, -, -		09.9		19.9 Interfacing Contract Model
67	Monthly Updated BIM Model	0 days	0 days	NA	NA	October 31, 2019	October 31, 2019	October 31, 2019	October 31, 2019	0% 0 d	lays	0	ays Monthly Updated BIM Model
68	4D Model Linked Up with Programme	0 days	0 days	NA	NA	October 31, 2019	October 31, 2019	October 31, 2019	October 31, 2019	0% 0 d	lays	0 (	ays AD Model Linked Up with Programme
69	Construction Method Simulation (CMS) in 3D Model	0 days	0 days	NA	NA			November 30, 2019			lays		construction Method Simulation (CMS) in 3D Model
70 71	BIM Deliverables Schedule  Establish BIM Team	77 days 0 days	77 days 0 days	August 16, 2019 August 16, 2019	<b>NA</b> August 16, 2019	August 16, 2019 August 16, 2019	October 31, 2019 August 16, 2019	August 16, 2019 August 16, 2019	October 31, 2019 August 16, 2019	100% 0 d	lays lays		ays
72	BIM Execution Plan	0 days	0 days	August 16, 2019	August 16, 2019	August 16, 2019	August 16, 2019	August 16, 2019		100% 0 d			ays SIIM Execution Plan
73	BIM Submission Schedule	0 days	0 days	August 16, 2019	August 16, 2019	August 16, 2019	August 16, 2019	August 16, 2019	August 16, 2019	100% 0 d	lays	0	ays 🌎 BIM Submission Schedule
74	BIM 360 License	0 days	0 days	August 31, 2019	August 31, 2019	August 31, 2019	August 31, 2019	August 31, 2019	-		lays		ays • IIIM 360 License
75	BIM/Drawing Management Software System  CDE Setup	0 days	0 days 0 days	August 31, 2019	August 31, 2019		August 31, 2019	August 31, 2019 September 9, 2019	August 31, 2019 September 9, 2019	100% 0 d			ays
76 77	Clash Report Format	0 days 0 days	0 days				-	September 9, 2019	September 9, 2019		lays		ays Qle Setup    Qlesh Report Format
78	Monthly Report Format	0 days	0 days					September 9, 2019	<u> </u>				ays Monthly Report Format
79	Quality Assurance Plan for BIM	0 days	0 days					9 September 30, 2019			lays	0	ays Quality Assurance Plan for BIM
80	BIM Training Plan	0 days	0 days					9 September 30, 2019			lays		ays BIM Training Plan
81	BIM Training Schedule for CIC Training  4 Sets of BIM Software, Hardware and Server	0 days	0 days 0 days	September 30, 201	9 September 30, 201 NA	9 September 30, 2019 October 31, 2019	September 30, 2019 October 31, 2019	9 September 30, 2019 October 31, 2019	September 30, 2019 October 31, 2019		lays		ays BIM Training Schedule for CIC Training  4 Sets of BIM Software, Hardware and Server
82	Monthly BIM Progress Report	0 days 0 days	0 days	NA NA	NA NA	October 31, 2019 October 31, 2019	October 31, 2019 October 31, 2019	<u> </u>	October 31, 2019 October 31, 2019				ays Monthly BIM Progress Report
84	Monthly Clash Report	0 days	0 days	NA	NA	October 31, 2019	October 31, 2019		October 31, 2019		lays		ays Monthly Clash Report
85	BIM Object Libraries	0 days	0 days	NA	NA	October 31, 2019	October 31, 2019	October 31, 2019	October 31, 2019	0% 0 d	lays	0	ays BIM Object Libraries
86	Temporary Traffic Management	839 days		May 30, 2019	NA	May 30, 2019	September 14, 20				8 days		B days  Submit Traffic Engineering Consultant and TTM Team Leader (PSI.16(3))
87	Submit Traffic Engineering Consultant and TTM Team Leader (PS1.16(3))	14 days	0 days	May 30, 2019	June 12, 2019	May 30, 2019	June 12, 2019	May 30, 2019	June 12, 2019	100% 0 d	lays 0	days 0	ays Submit I raffic Engineering Consultant and ITIM Team Leader (PSL.16(3))
88	Submit Road Closure Implementation Plan (PS1.14A(2)) withir 14d after acceptance of Works Programme	14 days	14 days	NA	NA	November 1, 2019	November 14, 2019	May 16, 2024	May 29, 2024	0% 165		days 16	
89	Submit EP Mgt System Co-ordinator (PS Cl. 1.18N(2))	7 days	0 days	May 30, 2019	June 5, 2019	May 30, 2019	June 5, 2019	May 30, 2019	June 5, 2019	100% 0 d	lays 0	days 0	ays Submit EP Mgt System Co-ordinator (PS CI. 1.18N(2))
90	Approve of EP Co-ordinator by Project Manager (PS Cl. 1.18N(2))	14 days	0 days	June 6, 2019	June 19, 2019	June 6, 2019	June 19, 2019	June 6, 2019	June 19, 2019	100% 0 d	lays 0	days 0	ays Approve of EP Co-ordinator by Project Mahager (PS Cl. 1.18N(2))
91	Submit UU detection equipment for Supervisor approval (PS Cl. 1.25A(1))	7 days	0 days	May 30, 2019	June 5, 2019	May 30, 2019	June 5, 2019	May 30, 2019	June 5, 2019	100% 0 d	lays 0	days 0	ays Submit UU detection equipment for Supervisor approval (FS CI. 1 25A(1))
92	Submit & obtain approval: site office's location and layout pla (PS Cl. 1.45(11)) (7d submission + 14d approval)	n 31 days	10 days	May 30, 2019	NA	May 30, 2019	October 2, 2019	May 30, 2019	May 29, 2024	100% 170 day		days 17	
		24.1	0.1							,			
93	Submit Site survey record (PS Cl.1.47(7))  Submit & obtain approval: fencing & hoarding plan (PS Cl.	34 days 5 days	0 days 5 days	May 30, 2019 NA	July 2, 2019 NA	May 30, 2019 October 2, 2019	July 2, 2019 October 6, 2019	May 30, 2019 November 4, 2019	July 2, 2019 November 8, 2019				ays Submit size survey record (PS CI, 1.47(7))  days Submit & obtain approval; fencing & hoarding plan (PS CI, 1.48(10))
	1.48(10)												
95	Submit site facilities (PS Cl. 1.50S)  Submit security system (PS Cl. 1.53A(5))	65 days 36 days	0 days 0 days	May 30, 2019	August 2, 2019	May 30, 2019	August 2, 2019 July 4, 2019	May 30, 2019	August 2, 2019 July 4, 2019				ays  Submit site facilities (PS Cl. 1.50\$)  ays  Submit security system (PS Cl. 1.53A(5))
96 97	Submit Weather Protection Scheme (PS Cl. 1.87 (1))	12 days	0 days	May 30, 2019 October 15, 2019	July 4, 2019 October 26, 2019	May 30, 2019 October 15, 2019	October 26, 2019	May 30, 2019 October 15, 2019	October 26, 2019				ays Submit security system (PS CI. 1,53A(5)) ays Submit Weather Protection Scheme (PS CI. 1,87 (1))
98	Submit Interface Management Plan (PS Cl. 1.89(2))	47 days	0 days	May 30, 2019	July 15, 2019	May 30, 2019	July 15, 2019	May 30, 2019	July 15, 2019				ays Submit Interface Management Plan (PS Cl. 1.89(2))
99	Submit Subcontractor Management Plan (ACC Cl. C5(1))	13 days	0 days	May 30, 2019	June 11, 2019	May 30, 2019	June 11, 2019	May 30, 2019	June 11, 2019	100% 0 d	lays 0	days 0	ays Submit Subcontractor Management Plan (ACC CI. C5(1))
100	Submit Temporary Drainage and Sewerage Management Plan	45 days	33.12 days	May 30, 2019	NA	May 30, 2019	October 26, 2019	May 30, 2019	August 7, 2020	32% 33.	.88 0	days 28	5.88 Submit Temporary Drainage and Sewerage Management Plan (PS Cl. 1.24A(1))
101	(PS Cl. 1.24A(1))	12 days	12 days	NA	NA	January 2, 2020	January 12, 2020	Fahruary 1, 2020	Fahruaru 12, 2020	day			days
101	Submit Piling Programme (PS Cl. 8.35D)  Submit EM&A Manual (ER Part 8, Cl. 8.2)	12 days 6 days	12 days 0 days	NA May 30, 2019	NA June 4, 2019	January 2, 2020 May 30, 2019	January 13, 2020 June 4, 2019	February 1, 2020 May 30, 2019	February 12, 2020 June 4, 2019		days 0 lays 0		days Submit Piling Programme (PSCI. 8.35D)  ays Submit EM&A Manual (ER Part 8, Cl. 8.2)
102	Submit Proposal of selection of suppliers of Plant and	80 days	0 days	May 30, 2019	August 17, 2019	May 30, 2019	August 17, 2019	May 30, 2019			lays 0		ays Submit Proposal of selection of suppliers of Plant and Materials (ACC Cl. C11(1)
104	Materials (ACC Cl. C11(1) Submit Contractor's Management Team (ACC Cl. D1(3))	50 days	0 days	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019				ays Submit Contractor's Management Team (ACC Cl. D1(3))
105	Permanent Works Design Submission	839 days	705.7 days	May 30, 2019	NA	May 30, 2019	September 14, 20		November 15, 2022		7 days	,	7 days Permanent Works Design Submission
106	General Design Submission	192 days	43.98 days	May 30, 2019	NA NA	May 30, 2019	December 7, 2019		December 10, 2019		lays		ays General Design Submission
107	Project Design Plan (Draft)	16 days	0 days	May 30, 2019	June 14, 2019	May 30, 2019	June 14, 2019	May 30, 2019			-		ays Project Design Plan (Draft)
108	Project Design Plan (Draft) Comment by PM	14 days	0 days	June 15, 2019	June 28, 2019	June 15, 2019	June 28, 2019	June 15, 2019			lays		ays Project Design Plan (Draft) Comment by PM
109	Address Comments	66 days	0 days	July 2, 2019	September 5, 2019	· · ·	September 5, 2019		September 5, 2019		lays 1		ays Address Comments 8 days Project Design Plan (Final)
110 111	Project Design Plan (Final)  Design Memorandum (Draft)	19 days 26 days	15.2 days 0 days	September 5, 2019 June 4, 2019	NA June 29, 2019	September 5, 2019 June 4, 2019	October 8, 2019 June 29, 2019	September 5, 2019 June 4, 2019	December 10, 2019 June 29, 2019		.8 days 0 lays 0		8 days Project Design Plan (Final)  ays Design Memorandum (Draft)
112	Address Comments	15 days	0 days	August 1, 2019	August 15, 2019	August 1, 2019	August 15, 2019	August 1, 2019	August 15, 2019		lays 0		ays Address Comments
113	Design Memorandum (Final)	5 days	5 days	July 23, 2019	NA	July 23, 2019	September 27, 2019		December 10, 2019		days 0	-	days Design Memorandum (Final)
114	Traffic Impact Assessment(Draft)	25 days	4 days	September 16, 201				September 16, 2019			lays 1		ays Traffic Impact Assessment(Draft)
115	Address Comments  Traffic Impact Assessment/Finally	28 days	28 days	NA NA	NA NA		November 7, 2019		November 15, 2019		lays 0.		ays  Address Comments  August Traffic Impact Assessment(Final)
116 117	Traffic Impact Assessment(Final)  ACABAS (Draft)	25 days 69 days	25 days 0 days	NA May 30, 2019	NA August 6, 2019	May 30, 2019	August 6, 2019	November 16, 2019 May 30, 2019			lays 0. lays 2		ays ACABAS (Draft)
117	Address Committee's comments	51 days	6 days	August 7, 2019	NA	August 7, 2019	September 28, 2015		December 10, 2019		days 2		days Ad dress Committee's comments
119	ACABAS (Final)	25 days	0 days	August 28, 2019	September 21, 201		September 21, 201		September 21, 2019		lays 1		ays ACABAS (Final)
Title: Revis	ed Programme- Critical Task	_	M	lanual Task	Duration-c	nly	Baseline Milestone	♦ Sum	mary	Externa	l Tasks		Inactive Milestone Saseline Summary
ED/20	018/01 with Progress Critical Split Split			art-only	Baseline		Milestone •		ual Summary		l Milestone	• ♦	Inactive Summary
Upda	te as of 22-Sep-19 Critical Progress Task Prog	ress	Fi	nish-only	Baseline Sp	olit	Summary Progress	Proje	ect Summary	- Inactive	Task		Deadline <b>•</b>
								Page	2				

Tas	sk Name	Duration		Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical		Time Risk		2000
			Duration							% Complete	Slack	Allowances (TRA)		2020   2021   2022   2023   H2
0	VCAB (Draft)	45 days	0 days	September 4, 2019	October 18, 2019	September 4, 2019	October 18, 2019	September 4, 2019	October 18, 2019		0 days	2 days	0 days Sun Septe	tember 22 <b>B (Draft)</b>
	Address Committee's comments	15 days	15 days	NA	NA	October 19, 2019	November 2, 2019	October 22, 2019	November 5, 2019	0%	0 days	2 days	3 days	Address Committee's comments
	VCAB (Final)	15 days	15 days	NA	NA	November 3, 2019	November 17, 2019	November 6, 2019	November 20, 201	9 0%	0 days	2 days	3 days	VÇAB (Final)
3	Durability Assessment Report (Draft)	60 days	0 days	May 30, 2019	July 28, 2019	May 30, 2019	July 28, 2019	May 30, 2019	July 28, 2019	0%	0 days	3 days	0 days Du	urability Assessment Report (Draft)
4	Address Comments	30 days	0 days	July 29, 2019	August 27, 2019	July 29, 2019	August 27, 2019	July 29, 2019	August 27, 2019	0%	0 days	2 days	0 days	Address Comments
5	Durability Assessment Report (Final)	30 days	4 days	August 28, 2019	NA	August 28, 2019	September 26, 201	9 August 28, 2019	November 20, 201	9 0%	52 days	2 days	55 days	Durability Assessment Report (Final)
6	Landscape Mitigation Plan	20 days	20 days	NA	NA	November 18, 2019	December 7, 2019	November 21, 2019	December 10, 2019	9 0%	3 days	3 days	3 days	Landscape Mitigation Plan
7	Site Investigation	209 days	116.69 days		NA	June 1, 2019	December 26, 2019		January 10, 2020	0%	15 days		15 days	Site Investigation
3	Ground Investigation Proposal (Draft)	56 days	0 days	June 1, 2019	July 26, 2019	June 1, 2019	July 26, 2019	June 1, 2019	July 26, 2019		0 days		T 1	round Investigation Proposal (Draft)
9	Submit & endorse by Gov. Depts and PM	6 days	0 days	July 27, 2019	August 1, 2019	July 27, 2019	August 1, 2019	July 27, 2019	August 1, 2019		0 days		— <i>'</i> —	ubmit & endorse by Gov. Depts and PM
)	Ground Investigation Proposal (Final)	25 days	25 days	August 2, 2019	NA	August 2, 2019	October 17, 2019	August 2, 2019	November 29, 201			1 days	43 days	Glound Investigation Proposal (Final)
1	Submit and endorse by Gov. Depts and PM	14 days	14 days	NA	NA	October 18, 2019		November 30, 2019			28 days		43 days	Submit and endorse by Gov. Depts and PM
2	Supervise the SI Carry Out on Site	90 days	46 days	August 10, 2019	NA	August 10, 2019	November 7, 2019		November 22, 201		0 days		15 days	Subervise the SI Carry Out on Site  Submit SI Report(Draft) for Comment
3	Submit SI Report(Draft) for Comment	21 days	21 days	NA NA	NA NA	November 8, 2019		November 23, 2019			0 days		15 days	Submit and endorse SI Report(Final) by Project Manager
1	Submit and endorse SI Report(Final) by Project Manager	28 days	28 days	NA	NA	November 29, 2015	December 26, 2019	December 14, 2019	January 10, 2020	0%	15 days	1 days	15 days	Taubinit and endorse 31 Report main by Project Wanager
5	Lifts (LT1 to LT4), Staircase and Associated Works	278 days	269.21 days	September 12, 20	NA	September 12, 20	. June 15, 2020	September 12, 2019	June 19, 2020	0%	0 days		4 days	Lifts (LT1 to LT4), Staircase and Associated Works
5	Prepare AIP and ICE certification (Draft)	60 days	49 days	September 12, 201	.9 NA	September 12, 201	9 November 10, 2019	September 12, 2019	November 14, 201	9 18%	0 days	3 days	4 days	Prepare AIP and ICE certification (Draft)
7	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	November 11, 2019	January 9, 2020	December 5, 2019	February 2, 2020	0%	0 days	0.5 days	24 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept	10 4	10 d	N/A	N/A	January 40, 2025	Januar : 40, 2005	Fahrun - 3, 2022	Fahm 40 0000	00/	20 4-	0 4=	24 days	Prepare AIP and ICE certification (Final)
3	Prepare AIP and ICE certification (Final)	10 days	10 days	NA	NA NA	January 10, 2020		February 3, 2020	February 12, 2020		20 days		24 days	Prepare DDA and ICE certification (Draft)
9	Prepare DDA and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov	90 days	90 days	NA NA	NA NA	November 11, 2019		November 15, 2019	,				4 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
0	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	IVA	INA	February 9, 2020	April 8, 2020	February 13, 2020	April 12, 2020	0%	0 days	3 days	4 days	John Control of the state of th
1	Prepare DDA for and ICE certification (Final)	15 days	15 days	NA	NA	April 9, 2020	April 23, 2020	April 13, 2020	April 27, 2020	0%	0 days	1 days	4 days	Frepare DDA for and ICE certification (Final)
2	Submit & endorse by PM and Statutory Authorities/Gov.	53 days	53 days	NA	NA	April 24, 2020	June 15, 2020	April 28, 2020	June 19, 2020	0%	0 days	3 days	4 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept April 1985 April 1986 April	222 !	222 1		114	Na 1	) l 40 00==	N	L 00 00==	00/	0.1		7.4	Noise blanks flash at the Lindahaa a Bullian
3	Noise barrier fronting to 4B5 at Rd D3A & Bus Lay By	222 days	222 days	NA	NA	November 11, 2019	June 19, 2020	November 18, 2019	June 26, 2020	0%	0 days		7 days	Noise barrier fronting to 4B5 at Rd D3A & Bus Lay By
4	Prepare AIP and ICE certification (Draft)	50 days	50 days	NA	NA	November 11, 2019	December 30, 2019	November 18, 2019	January 6, 2020	0%	0 days	2 days	7 days	Prepare AIP and ICE certification (Draft)
15		60 days	60 days	NA	NA		February 28, 2020		March 10, 2020			0.5 days	11 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept	,	,			,	, ,	, ,	,		•	•	,	
6	Prepare AIP and ICE certification (Final)	14 days	14 days	NA	NA	February 29, 2020	March 13, 2020	March 11, 2020	March 24, 2020	0%	4 days	0 days	11 days	Predare AIP and ICE certification (Final)
7	Prepare DDA and ICE certification (Draft)	78 days	78 days	NA	NA	December 31, 2019		January 7, 2020	March 24, 2020		0 days	4 days	7 days	Prepare DDA and ICE certification (Draft)
8	•	40 days	40 days	NA	NA	March 18, 2020	April 26, 2020	March 25, 2020	May 3, 2020	0%	0 days	2 days	7 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
.9	Dept Prepare DDA for and ICE certification (Final)	14 days	14 days	NA	NA	April 27, 2020	May 10, 2020	May 4, 2020	May 17, 2020	0%	0 days	1 days	7 days	Repare DDA for and ICE certification (Final)
50	Submit & endorse by PM and Statutory Authorities/Gov.	- '	40 days	NA	NA	May 11, 2020	June 19, 2020	May 18, 2020	June 26, 2020			1 days	7 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept	,.	,.			,,		,,			,-	,-		
1	Decking for Underpass (Rd L14)	390 days	390 days	NA	NA	May 11, 2020	June 4, 2021	May 23, 2020	June 16, 2021	0%	0 days		12 days	Decking for Underpass (Rd L14)
52	Prepare AIP and ICE certification (Draft)	60 days	60 days	NA	NA	May 11, 2020	July 9, 2020	May 23, 2020	July 21, 2020	0%	0 days	3 days	12 days	Prepare AIP and ICE certification (Draft)
i3	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	July 10, 2020	September 7, 2020	August 23, 2020	October 21, 2020	0%	0 days	0.5 days	44 days	Submit & endorse by PM and \$tatutory Authorities/Gov. Dept
4	Dept Prepare AIP and ICE certification (Final)	14 days	14 days	NA	NA	September 8, 2020	September 21, 202	October 22, 2020	November 4, 2020	0%	0 days	0 days	44 days	Prepare AIP and ICE certification (Final)
55	Prepare DDA and ICE certification (Draft)	90 days	90 days	NA	NA	September 22, 202	December 20, 2020	November 5, 2020	February 2, 2021		0 days		44 days	Prepare DDA and ICE certification (Draft)
6	Submit & endorse by PM and Statutory Authorities/Gov.		60 days	NA	NA		February 18, 2021		April 3, 2021		0 days		44 days	Submit & endorse by PM and Statutory Authorities/Gov. D
	Dept													
7	Prepare DDA for and ICE certification (Final)	14 days	14 days	NA	NA	February 19, 2021		April 4, 2021	April 17, 2021		0 days		44 days	Prepare DDA for and ICE certification (Final)
8	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	NA	NA	March 5, 2021	May 3, 2021	April 18, 2021	June 16, 2021	0%	32 days	0 days	44 days	Submit & endorse by PM and Statutory Authorities/G
9	AIP for E&M Works and Architectural Finishes of	60 days	60 days	NA	NA	July 10, 2020	September 7, 2020	July 22, 2020	September 19, 202	0 0%	0 days	3 day	12 days	AIP for E&M Works and Architectural Finishes of Underpass and ICE
	Underpass and ICE certification (Draft)		,-			. , -,	., , 2020	, ,====	1, 1, 1, 1, 2, 20, 20, 20, 20, 20, 20, 20, 20, 20,		,-	,		
60	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	September 8, 2020	November 6, 2020	September 20, 2020	November 18, 202	0 0%	0 days	3 days	12 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
51	Dept Prepare AIP for E&M Works and Architectural Finishes of	10 dave	10 days	NA	NA	November 7, 2020	November 16, 2020	November 19, 2020	November 28, 202	0%	0 days	0 days	12 days	Prepare AIP for E&M Works and Architectural Finishes of Under
,1	Underpass and ICE certification (Final)	20 days	10 00 93			., 2020				0,0	Juays	Jauys	II days	
2	Prepare DDA for E&M Works and Architectural Finishes of Underpass certification (Draft)	90 days	90 days	NA	NA	November 17, 2020	February 14, 2021	November 29, 2020	February 26, 2021	0%	0 days	3 days	12 days	Prepare DDA for E&NI Works and Architectural Finishes of
53	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	February 15, 2021	April 15, 2021	February 27, 2021	April 27, 2021	0%	0 days	3 days	12 days	Submit & endorse by PM and Statutory Authorities/Go
	Dept		·			, .								
54	Prepare DDA for E&M Works and Architectural Finishes	10 days	10 days	NA	NA	April 16, 2021	April 25, 2021	April 28, 2021	May 7, 2021	0%	0 days	0 days	12 days	Prepare DDA for E&M Works and Architectural Finishe
	of Underpass and ICE certification (Final)													
55	Submit & endorse by PM and Statutory Authorities/Gov.	40 days	40 days	NA	NA	April 26, 2021	June 4, 2021	May 8, 2021	June 16, 2021	0%	12 days	2 days	12 days	Submit & endorse by PM and Statutory Authorities/
	Dept													
6	Road D3 Bridge & Approach Ramps	226 days	98.71 days	May 30, 2019	NA	May 30, 2019		May 30, 2019	January 10, 2020		0 days		0 days	Road D3 Bridge & Approach Ramps
7	D3 Bridge	226 days	106.5 days	May 30, 2019	NA	May 30, 2019		May 30, 2019	January 10, 2020		0 days		0 days	D3 Bridge
3	Prepare AIP and ICE certification (Draft)	66 days	0 days	May 30, 2019	August 3, 2019	May 30, 2019	August 3, 2019	May 30, 2019	August 3, 2019		0 days			Prepare AIP and ICE certification (Draft)
9	Submit & endorse by PM and Statutory Authorities/Gov. Dept	15 days	0 days	August 5, 2019	August 19, 2019	August 5, 2019	August 19, 2019	August 5, 2019	August 19, 2019	100%	0 days	1 days	0 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
0	Prepare AIP and ICE certification (Final)	21 days	21 days	August 20, 2019	NA	August 20, 2019	October 13, 2019	August 20, 2019	October 16, 2019	0%	3 days	0 days	3 days	Prepare AIP and ICE certification (Final)
1	Prepare DDA and ICE certification (Draft)	90 days	24 days	July 19, 2019	NA	July 19, 2019	October 16, 2019	-	October 16, 2019		0 days		0 days	Prepare DDA and ICE certification (Diaft)
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-			
	d Programme- Critical Task			anual Task	Duration-o	only	Baseline Milestone	♦ Sum	mary	Exte	ernal Tasks		Inactive Milestone	Baseline Summary Land
	8/01 with Progress as of 22-Sep-19 Critical Split Spli		Sta	_	Baseline		Milestone		ual Summary	Exte	ernal Milesto	ne 💠	Inactive Summary	
ndate	as OI 22-Sep-19 Critical Progress Task Prog			nish-only	Baseline Si		Summary Progress		ect Summary		ctive Task		Deadline +	

Task I	Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Fre	ee Ti	ime Risk T	otal	
			Duration							% Sla	ack Al	Allowances S TRA)	lack 2019 H1	2020   2021   2022   2023   H2   H1   H2   H1   H2   H1   H2
72		40 days	40 days	NA	NA	October 17, 2019	November 25, 2019	October 17, 2019	November 25, 2019				days	Sun September 22   blmit & eridorse by PM and Statutory Authorities/Gov. Dept
73	Authorities/Gov. Dept Prepare DDA for and ICE certification (Final)	15 days	15 days	NA	NA	November 26, 2019	December 10, 2010	November 26, 2019	December 10 2019	0% 0.4	lays 1	days 0	days	Prepare DDA for and ICE certification (Final)
74	· · ·	31 days	31 days	NA	NA NA	· ·	· · · · · · · · · · · · · · · · · · ·	December 11, 2019	· · · · · · · · · · · · · · · · · · ·		-		days	Submit & endorse by PM and Statutory Authorities/Sov. Dept
	Authorities/Gov. Dept	,-	,-			11, 2013			,,,			.,,	,-	
75	· · · · · · · · · · · · · · · · · · ·	226 days	-	May 30, 2019	NA	May 30, 2019	January 10, 2020	May 30, 2019	January 10, 2020		lays		days	D3 North Approach Ramp
76		56 days	0 days	May 30, 2019	July 24, 2019	May 30, 2019	July 24, 2019	May 30, 2019	· · ·				days	Prepare AIP and ICE certification (Draft)
77	Submit & endorse by PM and Statutory Authorities/Gov. Dept	12 days	0 days	July 25, 2019	August 5, 2019	July 25, 2019	August 5, 2019	July 25, 2019	August 5, 2019	100% 0 d	lays 1	days 0	days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
78	· · · · · · · · · · · · · · · · · · ·	29 days	15 days	August 6, 2019	NA	August 6, 2019	October 7, 2019	August 6, 2019	October 16, 2019	48% 9 d	lays 0	days 9	days	Prepare AIP and ICE certification (Final)
79	Prepare DDA and ICE certification (Draft)	90 days	24 days	July 19, 2019	NA	July 19, 2019	October 16, 2019	July 19, 2019	October 16, 2019	73% 0 d	lays 5	days 0	days	Prepare DDA and ICE certification (Draft)
80	Submit & endorse by PM and Statutory	40 days	40 days	NA	NA	October 17, 2019	November 25, 2019	October 17, 2019	November 25, 2019	0% 0 d	lays 3	days 0	days	Subm <mark>it &amp; endorse by PM and Statu</mark> tory Authorities/Gov. Dept
0.1	Authorities/Gov. Dept	1 F along	1 F. da.us	NI A	NA	Navambar 20 2010	Danambar 10, 2010	Newspaper 2C 2010	Dagambar 10, 2010	00/ 0.4	Ja., a 1	dava 0	dave	I Prepare DDA for and ICE certification (Final)
81 82		15 days 31 days	15 days 31 days	NA NA	NA NA			November 26, 2019 December 11, 2019			-		days days	Submit & endorse by PM and Statutory Authorities/Sov. Dept
02	Authorities/Gov. Dept	31 days	31 days	IVA	INA	December 11, 2013	January 10, 2020	December 11, 2019	January 10, 2020	0%	iays I	uays 0	uays	
83	D3 South Approach Ramp	226 days	86.62 days	May 30, 2019	NA	May 30, 2019	January 10, 2020	May 30, 2019	January 10, 2020	0% 0 d	lays	0	days	D3 South Approach Ramp
84	Prepare AIP and ICE certification (Draft)	50 days	0 days	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019	100% 0 d	lays 3	days 0	days	Prepare AIP and ICE certification (Draft)
85		46 days	0 days	July 19, 2019	September 2, 2019	July 19, 2019	September 2, 2019	July 19, 2019	September 2, 2019	100% 0 d	lays 1	days 0	days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
86	Authorities/Gov. Dept Prepare AIP and ICE certification (Final)	15 days	0 days	August 18, 2019	September 1, 2019	August 18. 2019	September 1, 2019	August 18. 2019	September 1, 2019	100% 0 d	lays 0	days 0	days	Prepare AIP and ICE certification (Final)
87		90 days	24 days	July 19, 2019	NA	July 19, 2019	October 16, 2019	-	October 16, 2019		-		days	Prepare DDA and ICE certification (Duaft)
88	· · · · · · · · · · · · · · · · · · ·	40 days	40 days	NA	NA		November 25, 2019		November 25, 2019		lays 3		days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Authorities/Gov. Dept	45.2	45.1			Name 1 62 52 1	D	Name of the second	December 12 22	00/	Laura .	devis	deve	Repared DDA for and ICE cartification (Eigh)
.89		15 days	15 days	NA NA	NA NA			November 26, 2019			-		days	Prepare DDA for and ICE certification (Final)  Submit & endorse by PM and Statutory Authorities/Gov. Dept
90	Submit & endorse by PM and Statutory Authorities/Gov. Dept	31 days	31 days	NA	NA	December 11, 2019	January 10, 2020	December 11, 2019	January 10, 2020	υ% 0 d	lays 1	uays 0	days	- Submit Olendorse by Pivi and Statutory Authorities/Bov. Dept
91		412 days	213.27 days	May 30, 2019	NA	May 30, 2019	July 14, 2020	May 30, 2019	December 1, 2020	0% 140	0 days	1	40 days	Road D3 Underpass and Depressed Road
92	Underpass	412 days	296 days	May 30, 2019	NA	May 30, 2019	July 14, 2020	May 30, 2019	December 1, 2020	0% 100	0 days	1	40 days	Underpass Underpass
93	Prepare AIP and ICE certification (Draft)	50 days	0 days	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019	May 30, 2019	July 18, 2019	100% 0 d	lays 3	days 0	days	Repare AIP and ICE certification (Draft)
94	Submit & endorse by PM and Statutory	40 days	0 days	July 19, 2019	August 27, 2019	July 19, 2019	August 27, 2019	July 19, 2019	August 27, 2019	100% 0 d	lays 1	days 0	days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
95	Authorities/Gov. Dept Prepare AIP and ICE certification (Final)	38 days	12 days	August 28, 2019	NA	August 28, 2019	October 4, 2019	August 28, 2019	October 4, 2019	68% 0 d	lays 2	days 0	days	Prepare AIP and ICE certification (Final)
96		64 days	64 days	NA	NA	October 5, 2019	December 7, 2019	- ·	December 7, 2019		lays 3		days	Prepare DDA and ICE certification (Draft)
97		90 days	90 days	NA	NA	December 8, 2019		April 26, 2020	· ·		-		40 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
J.	Authorities/Gov. Dept	,	,			, , , , ,	, , , ,	, , ,	, , .		.,	,	,	
98	•	40 days	40 days	NA	NA	March 7, 2020	April 15, 2020	July 25, 2020	September 2, 2020				40 days	Prepare DDA for and ICE dertification (Final)
99	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	90 days	NA	NA	April 16, 2020	July 14, 2020	September 3, 2020	December 1, 2020	0% 100	0 days 0	days 1	40 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
00	Depressed Road (North and South)	162 days	33.85 days	May 30, 2019	NA	May 30, 2019	November 7, 2019	May 30, 2019	April 15, 2020	0% 46	days	1	60 days	Depressed Road (North and South)
01	Prepare AIP and ICE certification (Draft)	66 days	0 days	May 30, 2019	August 3, 2019	May 30, 2019	August 3, 2019	May 30, 2019	August 3, 2019	100% 0 d	lays 1	days 0	days	Prepare AIP and ICE certification (Draft)
02	Submit & endorse by PM and Statutory	30 days	0 days	August 6, 2019	September 4, 2019	August 6, 2019	September 4, 2019	August 6, 2019	September 4, 2019	100% 0 d	lays 2	days 0	days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Authorities/Gov. Dept	10 de	40 -1	N. A	N.A.	Ctb 22, 2046	0.0-1-1	A	A	00/ 40	C -l 0		26 4	_ T. Prapare AIP and ICE certification (Final)
03 04		10 days 71 days	10 days 0 days	NA May 30, 2019	NA August 8, 2019	May 30, 2019	9 October 2, 2019 August 8, 2019	May 30, 2019	7 (p 15) 2020		6 days 0		96 days days	Prepare DDA and ICE certification (Draft)
05	· · · · · · · · · · · · · · · · · · ·	40 days	0 days	August 9, 2019	September 17, 201		September 17, 201		September 17, 2019		lays 1		days	Submit & endorse by PM and Statutory Authorities/Sov. Dept
	Authorities/Gov. Dept	.0 00,5	o days	7 tagast 3, 2013	September 17, 201	7 tagast 3) 2023	5epte5er 17, 201	3 / tagast 3 / 2013	September 17, 2013	10070	,5	aays	aays	
06		11 days	6 days	September 18, 201	.9 NA	September 18, 2019	9 September 28, 201	9 September 18, 2019	March 6, 2020	45% 0 d	lays 1	days 1	60 days	Prepare DDA for and ICE certification (Final)
07	Submit & endorse by PM and Statutory Authorities/Gov. Dept	40 days	40 days	NA	NA	September 29, 2019	9 November 7, 2019	March 7, 2020	April 15, 2020	0% 160	0 days 1	days 1	60 days	Tubmit & enderse by PM and Statutory Authorities/Gov. Dept
08		332 days	316.32 days	August 13, 2019	NA	August 13, 2019	July 9, 2020	August 13, 2019	November 21, 2021	0% 500	0 days	5	00 days	Remaining Road Works
09	• • • • • • • • • • • • • • • • • • •	60 days	19 days	August 13, 2019	NA	August 13, 2019	October 11, 2019				lays 1		18 days	Prepare AIP for At-grade Road D3 and ICE certification (Draft)
	(Draft)													
10	Submit & endorse by PM and Statutory Authorities/Gov. Dept	28 days	28 days	NA	NA	October 12, 2019	November 8, 2019	April 30, 2021	May 27, 2021	0% 0 d	lays 0.	.5 days 5	66 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
11	Prepare AIP for At-grade Road D3 and ICE certification	14 days	14 days	NA	NA	November 9, 2019	November 22, 2019	9 May 28, 2021	June 10, 2021	0% 48	days 0	days 5	66 days	Prepare AIP for At-grade Road DB and ICE certification (Final)
	(Final)	,					·	, .					,	
12	Prepare DDA for At-grade Road D3 and ICE certification (Draft)	90 days	90 days	NA	NA	October 12, 2019	January 9, 2020	March 13, 2021	June 10, 2021	0% 0 d	lays 1	day 5	18 days	Prepare DDA for At-grade Road D3 and ICE certification (Draft)
13	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	January 10, 2020	March 9, 2020	June 11, 2021	August 9, 2021	0% 0 d	lays 0.	.5 days 5	18 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept													
1	Prepare DDA for At-grade Road D3 and ICE certification (Final)	14 days	14 days	NA	NA	March 10, 2020	March 23, 2020	August 10, 2021	August 23, 2021	0% 0 d	lays 0	days 5	18 days	Prepare DDA for At-grade Road D3 and ICE certification (Final)
14	Submit & endorse by PM and Statutory Authorities/Gov.	90 days	90 days	NA	NA	March 24, 2020	June 21, 2020	August 24, 2021	November 21, 2021	0% 518	8 days 0	days 5	18 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
15	Dept	60 days	60 days	NA	NA	October 12, 2019	December 10, 2019	May 17, 2020	July 15, 2020	0% 0 d	lays 1	day 2	18 days	Prepare AIP for Road L12d and ICE certification (Draft)
15	Prepare AIP for Road L12d and ICE certification (Draft)		28 days	NA	NA	December 11, 2019	January 7, 2020	April 24, 2021	May 21, 2021	0% 0 d	lays 0.	.5 days 5	00 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
15	·	28 days						, .				,	,	
15 16 17	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept					January 8, 2020	January 17, 2020	May 22, 2021	May 31, 2021	0% 0 d	lays 0	days 5	00 days	Prepare AIP for Road L12d and ICE certification (Final)
15 16 17	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept	28 days 10 days	10 days	NA	NA	, ,							20.1	Prepare DDA for Road L12d and ICE certification (Draft)
15 16 17 18	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)	10 days		NA NA	NA NA		April 16, 2020	June 1, 2021	August 29, 2021	0% 0 d	lays 1	day 5	00 days	
114	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept	10 days				January 18, 2020	April 16, 2020	June 1, 2021	August 29, 2021		lays 1	,	ou days	
15 16 17 18	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)  Prepare DDA for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov.	10 days					April 16, 2020 June 15, 2020	June 1, 2021 August 30, 2021	August 29, 2021 October 28, 2021		lays 1	,	00 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
15 16 17 18 19 20	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)  Prepare DDA for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept	10 days 90 days 60 days	90 days	NA NA	NA NA	January 18, 2020 April 17, 2020	June 15, 2020	August 30, 2021	October 28, 2021	0% 0 d	lays 0.	.5 days 5	00 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
15 16 17 18 19	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)  Prepare DDA for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov.	10 days 90 days 60 days	90 days	NA	NA	January 18, 2020				0% 0 d	lays 0.	.5 days 5		
5 6 7 8 9 9	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)  Prepare DDA for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept	10 days 90 days 60 days	90 days 60 days 10 days	NA NA	NA NA	January 18, 2020 April 17, 2020 June 16, 2020	June 15, 2020	August 30, 2021 October 29, 2021	October 28, 2021 November 7, 2021	0% 0 d	days 0.	.5 days 5	00 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
5	Prepare AIP for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare AIP for Road L12d and ICE certification (Final)  Prepare DDA for Road L12d and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. Dept  Prepare DDA for Road L12d and ICE certification (Final)	10 days 90 days 60 days 10 days	90 days 60 days 10 days	NA NA NA anual Task	NA NA NA	January 18, 2020 April 17, 2020 June 16, 2020	June 15, 2020 June 25, 2020	August 30, 2021  October 29, 2021	October 28, 2021 November 7, 2021	0% 0 d	days 0.	.5 days 5	00 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept Prepare DDA for Road L12d and ICE certification (Final)  Baseline Summary  Baseline Summary

T1 **			D ' '	A -41 Ct	A -4 1 =1 . 1 1	Diag Co.	DI F' ' I	1 -4 - C1 - 1	Laka Francis	Dlamatical in		a Diale Toron	
Task Nam	ne D		Remaining Duration	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Free Sla		ne Risk Total owances Slack 2019	2020 2021 2022 2023
										Complete	(TRA	A) H	H1
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	.4 days 1	14 days	NA	NA	June 26, 2020	July 9, 2020	November 8, 2021	November 21, 2021	0% 500	0 days 0 da	ays 500 days	Sun September 22 Submit & endorse by PM and Statutory Authorities/Gov. Dept
	AIP for Roadworks - Roadworks other than at-grade Road 6	i0 days	60 days	NA	NA	December 11, 2019	February 8, 2020	July 16, 2020	September 13, 2020	0% 0 d	ays 1 da	ay 218 days	AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Draft)
	D3 and Road L12d (Draft) AIP for Roadworks - Roadworks other than at-grade Road 3	8 days	38 days	NA	NA	February 9, 2020	March 17, 2020	August 24, 2021	September 30, 2022	. 0% 52	days 0.5	days 562 days	AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Final
	D3 and Road L12d (Final)  DDA for Roadworks - Roadworks other than at-grade 9	0 days	90 days	NA	NA	February 9, 2020	May 8, 2020	July 3, 2021	September 30, 2021	. 0% 0 d	ays 1 da	ay 510 days	DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (I
	Road D3 and Road L12d (Draft)	,		NIA	NIA								DDA for Postsworks - Postsworks where they at grade Post D3 and Post 11
	DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Final)	2 days	52 days	NA	NA	May 9, 2020	June 29, 2020	October 1, 2021	November 21, 2021	0% 510	0.5 days	days 510 days	DDA-for-Roadworks - Roadworks other than at-grade Road D3 and Road L12
			•	August 13, 2019	NA	August 13, 2019	April 21, 2020	August 13, 2019		0% 0 d		0 days	Seawater & DCS Intake Bbx Culverts  Prepare AIP and ICE certification (Draft)
	Prepare AIP and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov. 6			August 13, 2019 NA	NA NA	August 13, 2019 October 12, 2019	October 11, 2019 December 10, 2019	August 13, 2019 October 12, 2019	October 11, 2019 December 10, 2019		ays 3 da ays 3 da		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept	,	45 4	A1A	N. A.								Prepare AIP and ICE certification (Final)
			•	NA August 13, 2019	NA NA		December 25, 2019	December 11, 2019  August 13, 2019	December 25, 2019		ays 1 da ays 1 da		Prepare DDA and ICE certification (Draft)
	Submit & endorse by PM and Statutory Authorities/Gov. 6			NA	NA			December 26, 2019			ays 3 da		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept Prepare DDA for and ICE certification (Final) 1	4 days 1	14 days	NA	NA	March 1, 2020	March 14, 2020	March 1, 2020	March 14, 2020	0% 0 d	ays 0 da	ays 0 days	Regare DDA for and ICE certification (Final)
			,.	NA	NA	March 15, 2020	April 21, 2020	March 15, 2020			ays 2 da		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept sing Main 2	15 days 2	215 days	NA	NA	December 8, 2019	July 9, 2020	December 8, 2019	July 9, 2020	0% 0 d	avs	0 days	Rising Main
	•		•	NA	NA	December 8, 2019		December 8, 2019	• •		ays 3 da	,	Prepare AIP and ICE certification (Draft)
	Submit & endorse by PM and Statutory Authorities/Gov. 6		•	NA	NA	February 6, 2020	April 5, 2020	February 21, 2020	· · ·		ays 0.5		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept Prepare AIP and ICE certification (Final) 2	0 days 2	20 days	NA	NA	April 6, 2020	April 25, 2020	April 21, 2020	May 10, 2020	0% 15	days 0 da	ays 15 days	Prepare AIP and ICE certification (Final)
			/ -	NA NA	NA NA	December 8, 2019		December 8, 2019	March 6, 2020		ays 4 da		Prepare DDA and ICE certification (Draft)
	Submit & endorse by PM and Statutory Authorities/Gov. 5			NA	NA	March 7, 2020	April 30, 2020	March 7, 2020			ays 3 da		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept Prepare DDA and ICE certification (Final) 1	.0 days 1	10 days	NA	NA	May 1, 2020	May 10, 2020	May 1, 2020	May 10, 2020	0% 0 d	ays 0 da	ays 0 days	Repare DDA and ICE certification (Final)
	Submit & endorse by PM and Statutory Authorities/Gov. 6		60 days	NA	NA	May 11, 2020	July 9, 2020	May 11, 2020	July 9, 2020		ays 3 da		Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept prmwater and Sewage Drainage Works 4	42 days 4	442 days	NA	NA	December 8 2019	February 21, 2021	March 18, 2020	June 2, 2021	0% 84	days	101 days	Stormwater and Sewage Drainage Works
	* *		•	NA	NA	December 8, 2019		March 18, 2020	May 16, 2020		ays 1 da		Prepare AIP for Bidge D3 and ICE certification (Draft)
	Submit & endorse by PM and Statutory Authorities/Gov. 6	O days 6	60 days	NA	NA	February 6, 2020	April 5, 2020	August 17, 2020	October 15, 2020	0% 0.4	ays 0.5 (	days 193 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept	,										, ,	
	Prepare AIP for Bidge D3 and ICE certification (Final)	.0 days 1	10 days	NA	NA	April 6, 2020	April 15, 2020	October 16, 2020	October 25, 2020	0% 0 d	ays 0 da	ays 193 days	Prepare AIP for Bidge D3 and ICE certification (Final)
	Prepare DDA for Bidge D3 and ICE certification (Draft) 9	0 days	90 days	NA	NA	April 16, 2020	July 14, 2020	October 26, 2020	January 23, 2021	0% 0 d	ays 1 da	ay 193 days	Prepare DDA for Bidge D3 and ICE certification (Draft)
	Submit & endorse by PM and Statutory Authorities/Gov. 6 Dept	0 days	60 days	NA	NA	July 15, 2020	September 12, 2020	0 January 24, 2021	March 24, 2021	0% 0 d	ays 0.5	days 193 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	•	.0 days	10 days	NA	NA	September 13, 202	0 September 22, 2020	0 March 25, 2021	April 3, 2021	0% 0 d	ays 0 da	ays 193 days	Prepare DDA for Bidge D3 and ICE certification (Final)
	Submit & endorse by PM and Statutory Authorities/Gov. 6	i0 days 6	60 days	NA	NA	September 23, 202	0 November 21, 2020	) April 4, 2021	June 2, 2021	0% 176	6 days 0 da	ays 193 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept Prepare AIP for Underpass, Depressed Road and ICE 6	i0 days 6	60 days	NA	NA	February 6, 2020	April 5, 2020	May 17, 2020	July 15, 2020	0% 0 d	ays 1 da	ay 101 days	Prepare AIP for Underpass, Depressed Road and ICE certification (Draft)
	certification (Draft)		,		NA				, .				Submit & endorse by PM and \$tatutory Authorities/Gov. Dept
	Submit & endorse by PM and Statutory Authorities/Gov. 6 Dept		,	NA		April 6, 2020	June 4, 2020	August 17, 2020	October 15, 2020		ays 0.5	, ,	
	Prepare AIP for Underpass, Depressed Road and ICE certification (Final)	.0 days	10 days	NA	NA	June 5, 2020	June 14, 2020	October 16, 2020	October 25, 2020	0% 0 d	ays 0 da	ays 133 days	Prepare AIP for Underpass, Depressed Road and ICE certification (Final)
	Prepare DDA for Underpass, Depressed Road and ICE 9 certification (Draft)	0 days	90 days	NA	NA	June 15, 2020	September 12, 2020	0 October 26, 2020	January 23, 2021	0% 0 d	ays 1 da	ay 133 days	Prepare DDA for Underpass, Depressed Road and ICE certification (Draft
	Submit & endorse by PM and Statutory Authorities/Gov. 6	0 days	60 days	NA	NA	September 13, 202	0 November 11, 2020	January 24, 2021	March 24, 2021	0% 0 d	ays 0.5	days 133 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept Prepare DDA for Underpass, Depressed Road and ICE 1	.0 days 1	10 days	NA	NA	November 12, 2020	November 21, 2020	) March 25, 2021	April 3, 2021	0% 0 d	ays 0 da	ays 133 days	Prepare DDA for Underpass Depressed Road and ICE certification (F
	certification (Final) Submit & endorse by PM and Statutory Authorities/Gov. 6	in days f	60 days	NA	NA	November 22, 2020	) January 20, 2021	April 4 2021	June 2, 2021	0% 116	6 days 0 da	ays 133 days	Submit & endorse by PM and Statutory Authorities/Gov. Dept
	Dept		,			·	, .	, ,					
	· · ·		, .	NA	NA	April 6, 2020	June 4, 2020	July 16, 2020	September 13, 2020		ays 1 da		AIP for Water Works - Road L12d (Dyaft)  74. AIP for Water Works - Road L12d (Final)
			· · · · <b>,</b> ·	NA NA	NA NA	June 5, 2020 June 5, 2020	July 12, 2020 September 2, 2020	March 5, 2021	· '		days 0.5 days 1 da	, ,	DDA for Water Works - Road LL2d (Draft)
			•	NA	NA	September 3, 2020		April 12, 2021	<u> </u>		1 days 1 da		DDA for Water Works   Road L12d (Final)
	AIP for Water Works - Waterfront Promenade and at 6			NA	NA	June 5, 2020	August 3, 2020		November 12, 2020		ays 1 da		AIP for Water Works - Waterfront Promenade and at grade Open Space (D
	grade Open Space (Draft)  AIP for Water Works - Waterfront Promenade and at 3	8 days 3	38 days	NA	NA	August 4, 2020	September 10, 2020	0 March 5, 2021	April 11, 2021	0% 52	days 0.5	days 213 days	AIP for Water Works - Waterfront Promenade and at grade Open Space
	grade Open Space (Final)  DDA for Water Works - Waterfront Promenade and at 9		,	NA	NA	August 4, 2020	November 1, 2020						DDA for Water Works - Waterfront Promenade and at grade Open Sp
	grade Open Space (Draft)		,				·	, ,			ays 1 da		
	DDA for Water Works - Waterfront Promenade and at grade Open Space (Final)	2 days	52 days	NA	NA	November 2, 2020	December 23, 2020	April 12, 2021	June 2, 2021	0% 144	4 days 1 da	ay 161 days	DDA for Water Works - Waterfront Promenade and at grade Oper
	- 1 1 1 1	i0 days	60 days	NA	NA	August 4, 2020	October 2, 2020	November 13, 2020	January 11, 2021	0% 0 d	ays 1 da	ay 101 days	AIP for Water Works - Remaining water works (Draft)
	AIP for Water Works - Remaining water works (Final) 3	8 days 3	38 days	NA	NA	October 3, 2020	November 9, 2020	March 5, 2021	April 11, 2021	0% 52	days 0.5	days 153 days	AIP for Water Works - Remaining water works (Final)
	•												
sed Progra	amme- Critical Task		Ma	nual Task	Duration-	only	Baseline Milestone	♦ Sum	mary	External	Tasks	Inactive N	Milestone ♦ Baseline Summary
)18/01 wi	ith Progress Critical Split Split		Sta	rt-only	Baseline		Milestone	♦ Man	ual Summary	External	Milestone $\diamondsuit$	> Inactive S	Summary
f o	2-Sep-19 Critical Progress Task Progress		Eini	ish-only	Baseline S	Turlie .	Summary Progress		ect Summary	Inactive		Deadline	•

Task I	Name.	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Progress Update as of Late Finish	Physical Fre	e Ti	ime Risk	Total													
Idaki	Name	Duration	Duration	Actual Start	Actual I IIIISII	rian Start	Fidit i iiisii	Late Start	Late I IIIISII	% Sla		llowances			20	20		20	21		202	2		2023		20
	DDA for Water Works - Remaining water works (Draft)	90 days	90 days	NA	NA	October 3, 2020	December 31, 2020	1 January 12, 2021	April 11, 2021	Complete 0% 0 da		RA) day 1	H1 101 days	H2 Sun Septem	her 22	H1	H	2	H1 DAlfor	H2 Water W	hirlds - IR	H1 emainir	H2	H: r works (I		H2
	DDA for Water Works - Remaining water works (Draft)	90 days	90 days	IVA	NA	October 5, 2020	December 31, 2020	January 12, 2021	April 11, 2021	0% 0 u	ays I	uay	101 days	Juli Septem	Del 22											
	DDA for Water Works - Remaining water works (Final)	52 days	52 days	NA	NA	January 1, 2021	February 21, 2021	April 12, 2021	June 2, 2021	0% 84 (	days 1	day 1	101 days						DDA	dr Wate	Works	- Rema	ining w	ater work	s (Final)	
)	Water Works	442 days	442 days	NA	NA	October 17, 2019	December 31, 2020	May 1, 2020	July 16, 2021	0% 197	days	1	197 days				Ш		Vater V	rks						
	Prepare AIP for Bridge D3 and ICE certification (Draft)	60 days	60 days	NA	NA	October 17, 2019	December 15, 2019	May 1, 2020	June 29, 2020	0% 0 da	ays 1	day 1	197 days		Pre	epare A	IP for E	ridge D	3 and I	Certifi	ation (	Draft)				
	Submit & endorse by PM and Statutory Authorities/Gov.	29 days	28 days	NA	NA	December 16, 2019	January 12, 2020	October 28, 2020	November 24, 2020	0.0% 0.4	ays 0.	.5 days 3	317 days			ubmit	endo	rse by P	M and	Statutory	Autho	rities/G	ov Deni			
!	Dept	20 uays	20 udys	NA .	NA .	December 16, 2019	January 12, 2020	October 28, 2020	November 24, 2020	J 0% U u	ays U.	.5 uays	517 days									1	J. J. P.	-		
3	Prepare AIP for Bridge D3 and ICE certification (Final)	14 days	14 days	NA	NA	January 13, 2020	January 26, 2020	November 25, 2020	December 8, 2020	0% 0 da	ays 0	days	317 days			Prepar	AIP fo	r Bridge	D3 and	I ICE cert	ificatio	n (Final)	)			
	Prepare DDA for Bridge D3 and ICE certification (Draft)	90 days	90 days	NA	NA	January 27, 2020	April 25, 2020	December 9, 2020	March 8, 2021	0% 0 da	ays 1	day 3	317 days			P	epare	DA for	Bridge	D3 and	ICE cert	ification	ı (Draft)	)		
_		co. I	co. I							00/							C. Lan	0			Cana			Cau Day	.	
5	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	NA	NA	April 26, 2020	June 24, 2020	March 9, 2021	May 7, 2021	0% 0 da	ays 0.	.5 days 3	317 days				Subn	iit & en	iorse b	/ Pivi and	Statut	ory Auti	norities,	Gov. Dep	"	
5	Prepare DDA for Dridge D3 and ICE certification (Final)	10 days	10 days	NA	NA	June 25, 2020	July 4, 2020	May 8, 2021	May 17, 2021	0% 0 da	ays 0	days 3	317 days				Prep	are DDA	for Dr	dge DB a	ind ICE	certifica	ation (Fi	nal)		
7	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	July 5, 2020	September 2, 2020	May 18, 2021	July 16, 2021	0% 268	days 0	days 3	317 days				9	ubmit 8	ι endor	se by PN	and St	atutory	Authori	ties/Gov.	Dept	
	Dept											·														
3	Prepare AIP for Underpass, Depressed Road and ICE certification (Draft)	60 days	60 days	NA	NA	December 16, 2019	February 13, 2020	June 30, 2020	August 28, 2020	0% 0 da	ays 1	day 1	197 days			Prepa	e AIP 1	or Unae	rpass, I	epresse	a Koad	and ICE	certifica	ation (Dra	ift)	
)	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	February 14, 2020	April 13, 2020	September 30, 2020	November 28, 2020	0 0% 0 da	ays 0.	5 days 2	229 days			Su	bmit &	endors	by PM	and Sta	tutory	uthorit	ies/Gov	. Dept		
)	Dept Prepare AIP for Underpass, Depressed Road and ICE	10 days	10 days	NA	NA	April 14, 2020	April 23, 2020	November 29, 2020	December 8, 2020	0% 0 da	ays 0		229 days			₩p	epare A	IP for U	Jnderp	ss, Depr	essed R	oad and	ICE cer	tification	(Final)	
	certification (Final)										.,.					$\  \ $										
L	Prepare DDA for Underpass, Depressed Road and ICE certification (Draft)	90 days	90 days	NA	NA	April 24, 2020	July 22, 2020	December 9, 2020	March 8, 2021	0% 0 da	ays 1	day 2	229 days				Pre	oare DD	A for U	ngerpass	Depre	ssed Ro	ad and	ICE certifi	cation (D	raft)
2	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	July 23, 2020	September 20, 2020	0 March 9, 2021	May 7, 2021	0% 0 da	ays 0.	.5 days 2	229 days					Submit	& endo	rse by Pl	V and S	tatutory	y Autho	rities/Gov	/. Dept	
3	Dept Prepare DDA for Underpass, Depressed Road and ICE	10 days	10 days	NA	NA	Sentember 21 202	0 September 30, 2020	0 May 8 2021	May 17, 2021	0% 0 da	avs n	days 2	229 days					Prepare	DDA	or Under	pass D	epresse	d Road	and ICE co	ertificatio	on (Final)
<u>'</u>	certification (Final)	10 days	10 days	IVA	NA .	September 21, 202	o September 30, 2020	0 IVIAY 6, 2021	Way 17, 2021	070 0 0	ays 0	uays 2	225 days				-									
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	60 days	NA	NA	October 1, 2020	November 29, 2020	May 18, 2021	July 16, 2021	0% 180	days 0	days 2	229 days					Suk	mit &	erdorse I	y PM a	nd Stati	utory A	uthorities	/Gov. De	ρt
5	AIP for Water Works - Road L12d (Draft)	60 days	60 days	NA	NA	February 14, 2020	April 13, 2020	August 29, 2020	October 27, 2020	0% 0 da	ays 1	day 1	197 days			Ai	for W	ater Wo	rks - Ro	ad L12d	(Draft)					
	AIP for Water Works - Road L12d (Final)	38 days	38 days	NA	NA	April 14, 2020	May 21, 2020	April 18, 2021	May 25, 2021	0% 52	days 0.	5 days	369 days							Road L1	1 1 1 1	ľ				
	DDA for Water Works - Road L12d (Draft)	90 days		NA	NA	April 14, 2020	July 12, 2020	February 25, 2021	May 25, 2021		ays 1		317 days				TILL			ks - Roa		1 1				
	DDA for Water Works - Road L12d (Final)	52 days	52 days	NA NA	NA NA	July 13, 2020	September 2, 2020		July 16, 2021		days 1		317 days			I 👢				W <mark>orks</mark> - F - Waterf		1 ' 1	·	arade O	non Snac	e (Draft)
	AIP for Water Works - Waterfront Promenade and at grade Open Space (Draft)	60 days	60 days	NA .	NA .	April 14, 2020	June 12, 2020	October 28, 2020	December 26, 2020	0 0%	ays 1	uay	197 days				M	· Water	110.1	, vateri		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. grade O	penispac	z (Diait)
	AIP for Water Works - Waterfront Promenade and at	38 days	38 days	NA	NA	June 13, 2020	July 20, 2020	April 18, 2021	May 25, 2021	0% 52 (	days 0.	.5 days	309 days				AIP	for Wat	er Wor	ks - Wate	rfront	Promen	ade and	at grade	Open Sp	ace (Final
	grade Open Space (Final)  DDA for Water Works - Waterfront Promenade and at	90 days	90 days	NA	NA	June 13, 2020	September 10, 2020	0 February 25, 2021	May 25, 2021	0% 0 da	ays 1	day 2	257 days					DA for	Water	Works -	Waterfr	ont Pro	menade	and at g	rade Ope	n Space (I
_	grade Open Space (Draft)	F2 days	E2 days	NI A	NA	Contombou 11 202	0 Navambar 1, 2020	May 26, 2021	Il., 16, 2021	00/ 200	) days 1	ala	257 days				$\parallel \parallel \downarrow$	DDA	far \\	ar Work	. Wat	rfront l	Draman	ado and a	t grade (	Open Spac
2	DDA for Water Works - Waterfront Promenade and at grade Open Space (Final)	52 days	52 days	NA	NA .	September 11, 202	0 November 1, 2020	IVIAY 20, 2021	July 16, 2021	0% 208	3 days 1	uay	257 days				-							ade and a	glade	pen spac
3	AIP for Water Works - Remaining water works (Draft)	60 days	60 days	NA	NA	June 13, 2020	August 11, 2020	December 27, 2020	February 24, 2021	0% 0 da	ays 1	day 1	197 days				Al	P for W	ater Wo	rks - Rer	naining	water v	vorks (D	raft)		
1	AIP for Water Works - Remaining water works (Final)	38 days	38 days	NA	NA	August 12, 2020	September 18, 2020	0 April 18, 2021	May 25, 2021	0% 52 (	days 0.	.5 days 2	249 days					AIP for	Water	Vorks - F	emaini	ng wate	r works	(Final)		
	DDA for Wester Wester Demoising water works (Droft)	00 dave	00 dave	NI A	NA	A	Navambar 0, 2020	Fahruary 25, 2024	May 25, 2024	00/ 0.4	1	da 1	107 days					DDA	for W	tar Worl	e Dom	, inina	waterw	orks (Dra	ft)	
5	DDA for Water Works - Remaining water works (Draft)	90 days	90 days	NA	NA	August 12, 2020	November 9, 2020	February 25, 2021	May 25, 2021	0% 0 da	ays 1	day .	197 days						ioi wa	Lei VVOII	S - Kell	iaiiiiig v	water w	OIKS (DIA	10	
5	DDA for Water Works - Remaining water works (Final)	52 days	52 days	NA	NA	November 10, 2020	December 31, 2020	May 26, 2021	July 16, 2021	0% 148	days 1	day	197 days					-	DA fo	Water W	orks - F	emainii	ng wate	r works (l	inal)	
7	Pumping Stations, Box Culverts and Intake Structures	505 days	409.17 days	May 30, 2019	NA	May 30, 2019	October 15, 2020	May 30, 2019	February 10, 2022	0% 340	) days		483 days					Pump	ing St	tions, Bo	x Culve	rts and	Intake S	tructures		
	Decree AID for Characteristic and ICC and Continue (Durft)	C4 days	0.4	M20, 2010	L.L. 20, 2010	M20, 2040	L.L. 20, 2040	M 20, 2040	Lub. 20, 2040	4000/ 0.4		-1	0.45	Pro.		, for 6		ond IC	E Fartifi	cation ([						
	Prepare AIP for Structures and ICE certification (Draft)	61 days	0 days	May 30, 2019	July 29, 2019	May 30, 2019	July 29, 2019	May 30, 2019	July 29, 2019	100% 0 da	ays 1	day (	0 days		Jane Par	101 3	ucture	anu ic	e ceruii	Cation (L	11411)					
9	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	5 days	July 30, 2019	NA	July 30, 2019	September 27, 2019	9 July 30, 2019	September 15, 202	1 92% 0 da	ays 0.	5 days	719 days		Submit	& end	rse by	PM and	Statut	ry Autho	rities/0	ov. Dep	ot			
)	Dept Prepare AIP for Structures and ICE certification (Final)	14 days	14 days	NA	NA	September 28, 201	9 October 11, 2019	September 16, 2021	September 29, 202	1 0% 18	days 0	days	719 days		Prepar	e AIP f	r Struc	tures ar	d ICE	ertificati	n (Fina	)				
	Decree DDA for Characteristic and ICE and Stacking (Darfe)	02 4	27 4	Lub 20 2010	<b></b>	hala 20, 2010	O-t-h20 2040	hala 20, 2010	Manu 20, 2020	00/ 0.4		-l (	21.1		Brons	DD	EAU C+		Id	l	dian (II)					
-	Prepare DDA for Structures and ICE certification (Draft)	92 days	37 days	July 30, 2019	NA	July 30, 2019	October 29, 2019	July 30, 2019	May 30, 2020	0% 0 da	ays 1	day	214 days		Prepa	re DD	ior Sti	uctures	and IQ	certifica	nion (i)	гатт)				
2	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	October 30, 2019	December 28, 2019	September 30, 2021	November 28, 2021	L 0% 0 da	ays 0.	5 days	701 days		Su Su	ıbmit (	endor	se by Pi	/I and S	tatutory	Author	ties/Go	v. Dept			
3	Dept Prepare DDA for Structures and ICE certification (Final)	14 davs	14 days	NA	NA	December 29, 2019	January 11, 2020	November 29, 2021	December 12, 2021	. 0% 0 da	ays 0	davs	701 days		<b></b> ₽	repare	DDA fo	r Struct	ures an	d ICE cer	tificatio	n (Final	)			
	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	NA	NA	January 12, 2020	March 11, 2020	December 13, 2021	February 10, 2022	0% 558	3 days 0	days	701 days			Sub	riit & e	idorse l	y PM	nd Statu	tory Au	thoritie	s/Gov. L	Pept		
	Prepare AIP for E&M and ICE certification (Draft)	60 days	5 days	July 30, 2019	NA	July 30, 2019	September 27, 2019	9 July 30, 2019	May 30, 2020	0% 0 da	ays 1	day 2	246 days	<u> </u>						ntion (Dr						
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	60 days	NA	NA	September 28, 201	9 November 26, 2019	April 27, 2021	June 25, 2021	0% 0 da	ays 0.	.5 days	577 days	Ĭ	Sub	mit &	ndorse	by PM	and St	tutory A	uthoriti	es/Gov.	Dept			
	Prepare AIP for E&M and ICE certification (Final)	10 days	10 days	NA	NA	November 27, 2019	December 6, 2019	June 26, 2021	July 5, 2021	0% 0 da	ays 0	days 5	577 days		Pre	pare A	P for E	3tM and	ICE cer	tification	(Final)					
	Prepare DDA for E&M and ICE certification (Draft)	90 days		NA	NA	December 7, 2019		July 6, 2021	October 3, 2021		ays 1		577 days			Prep	re DD	for E	ιM and	ICE certi	fication	(Draft)				
	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	March 6, 2020	May 4, 2020	October 4, 2021	December 2, 2021	0% 0 d	ays 0.	5 davs	577 days				ubmit	k endor	se by I	VI and \$t	atutory	Author	ities/Go	v. Dept		
9	Dept											,												- 1		
)	Prepare DDA for E&M and ICE certification (Final)	10 days	10 days	NA	NA	May 5, 2020	May 14, 2020	December 3, 2021	December 12, 2021	0% 0 da	ays 0	days	577 days				repare	DDA fo	r E&N	and ICE	tertifica	tion (Fi	nal)			
								1							11111111111	1 11 11	11111									
Pevised D	rogramme- Critical Task	_	M:	anual Task	Duration-	-only	Baseline Milestone	♦ Sum	marv	External	Tasks		Inactive Miles	tone 🔷		Race	ine Summ	ary 🛌		_						
cviscu M			Sta		Baseline		Milestone		ual Summary	External		<b>•</b>	Inactive Sumn			Jast	c Juliill	,		-						
	of 22-Sep-19 Critical Split Split Split										willestone	~	mactive bann	iiui y												

T_ 1	Namo	Durati-	Dome:-:	Actual C+	Actual Fireigh	Dlan Ctart	Dian Fini-I-	Lato Ctart	Late Fini-L	Db! - 1	Eroc	Time D'	Total										
lask	Name	Duration	Remaining Duration	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical %		Time Risk Allowance			2020		2021		202	2		2023	202
	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	May 15, 2020	July 13, 2020	December 13, 2021	February 10, 2022	Complete 0%	434 days	(TRA)	577 days	L H2 Sun September 22	H1	H2 Subr	H1 hit & endlors	H2		H1 tory Aut	H2 horities/G	H1 ov. Dept	H2
	Dept	,					, .					·			I								
	AIP for Box Culvert and Intake Structures (Draft)	60 days	60 days	NA	NA	October 30, 2019	December 28, 2019	9 May 31, 2020	July 29, 2020	0%	0 days	1 day	214 days				ert and Intal						
	AIP for Box Culvert and Intake Structures (Final)	38 days	38 days	NA	NA	December 29, 2019	February 4, 2020	November 13, 2021	December 20, 2021	1 0%	52 days	0.5 days	685 days		AIP I	or Box Cu	lvert and In	ake Struc	ures (Fii	nal)			
ı	DDA for Box Culvert and Intake Structures (Draft)	90 days	90 days	NA	NA	December 29, 2019	March 27, 2020	July 30, 2020	October 27, 2020	0%	0 days	1 day	214 days		P	DA for Bo	x Culvert an	d Intake S	tructure	(Draft)			
;	DDA for Box Culvert and Intake Structures (Final)	52 days	52 days	NA	NA	March 28, 2020	May 18, 2020	December 21, 2021	February 10, 2022	0%	490 days	1 day	633 days		<b> </b>	DDA for	Box Culvert	and Intak	e Struct	res (Fina	al)		
5	AIP for Remaining Works (Draft)	60 days	60 days	NA	NA	March 28, 2020	May 26, 2020	October 28, 2020	December 26, 2020	0 0%	0 days	1 day	214 days			AIP for	Remaining \	Vorks (Dr	ft)				
7	AIP for Remaining Works (Final)	38 days	38 days	NA	NA	May 27, 2020	July 3, 2020	November 13, 2021			52 days		535 days			AIP f	or Remainin	j Works (i	inal)				
3	DDA for Remaining Works (Draft)	90 days		NA	NA	May 27, 2020	August 24, 2020	September 22, 2021			0 days		483 days				OA for Rema			f II			
)	DDA for Remaining Works (Final)  Elevated Landscape Deck Staircase & Associated Work	52 days <b>302 days</b>	52 days	NA May 30, 2019	NA NA	August 25, 2020 May 30, 2019	October 15, 2020 March 26, 2020	December 21, 2021 May 30, 2019	February 10, 2022 May 5, 2020		340 days 40 days	1 day	483 days 40 days				DDA for Re Indscape De				Vork		
	·																						
2	Prepare AIP and ICE certification (Draft)  Submit & endorse by PM and Statutory Authorities/Gov.	96 days	0 days	May 30, 2019 September 3, 2019	September 2, 2019 September 20, 2019		September 2, 2019 September 20, 201	May 30, 2019 19 September 3, 2019	September 2, 2019 September 20, 201		0 days 0 days	3 days	0 days 0 days				ification (Di M and Statu	1 1	orities/G	iov. Dept	.		
	Dept		·						, ,			1 days	o days	_									
3	Prepare AIP and ICE certification (Final)  Prepare DDA and ICE certification (Draft)	14 days 52 days	0 days 46.9 days	August 29, 2019 September 14, 201	September 11, 2019		September 11, 201	9 August 29, 2019 9 September 14, 2019	September 11, 201		· '	0 days 1 day	0 days 26 days				tification (Fi						
5	Submit & endorse by PM and Statutory Authorities/Gov.		60 days	NA	NA NA			December 24, 2019	· · · · · · · · · · · · · · · · · · ·			0.5 days	40 days				se by PM an	1     1	y Autho	rities/Go	v. Dept		
5	Dept Prepare DDA for and ICE certification (Final)	14 days	14 days	NA	NA	January 13, 2020	January 26, 2020	February 22, 2020	March 6, 2020	0%	0 days	0 days	40 days		Pren	re DDA f	or and ICE ce	rtification	(Final)				
7	Submit & endorse by PM and Statutory Authorities/Gov.		60 days	NA	NA	January 27, 2020	March 26, 2020	March 7, 2020	May 5, 2020	0%		0 days	40 days		7 III   III		ndorse by P		11111111	thoritie	s/Gov. De <sub>l</sub>	pt	
3	Dept Waterfront Promenade and At-grade Open Space	671 days	671 days	NA	NA	November 14, 2019	9 Sentember 1/1 20	December 10, 2019	October 10, 2021	0%	0 days		26 days						Waterfro	nt Prom	enade and	d At-grade (	Open Space
9	Prepare AIP for Observation Deck with Lift and Staircase			NA	NA		•	December 10, 2019			-	1 day	26 days		Prepa	e AIP for	Observation					- 111	
0	and ICE certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	January 14, 2020	March 13, 2020	March 17, 2021	May 15, 2021	0%	0 days	0.5 days	428 days		Su	omit&e	dorse by PN	Land Stat	utory A	thorities	/Gov. Dep	ıt	
	Dept		,			January 14, 2020	,	,	, .	070	o days	o.s days											
1	Prepare AIP for Observation Deck with Lift and Staircaseand ICE certification (Final)	14 days	14 days	NA	NA	March 14, 2020	March 27, 2020	May 16, 2021	May 29, 2021	0%	18 days	0 days	428 days		_T-P	epare All	for Observ	ition Dedi	with Lif	t and Sta	ircaseand	ICE certific	ation (Final)
2	Prepare DDA for Observation Deck with Lift and	92 days	92 days	NA	NA	January 14, 2020	April 14, 2020	February 9, 2020	May 10, 2020	0%	0 days	1 day	26 days			repare D	DA for Obse	rvation D	ck with	Lift and	Staircase a	and ICE cert	ification (Draft
3	Staircase and ICE certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	April 15, 2020	June 13, 2020	May 30, 2021	July 28, 2021	0%	0 days	0.5 days	410 days			Submi	& endorse	by PM and	l Statuto	ry Autho	orities/Gov	v. Dept	
1	Dept Prepare DDA for Observation Deck with Lift and	14 days	14 days	NA	NA	June 14, 2020	June 27, 2020	July 29, 2021	August 11, 2021	0%	0 days	0 days	410 days			Prepa	re DDA for	Observatio	n Deck	with Lift	and Stairc	ase and ICE	certification (I
	Staircase and ICE certification (Final)		· ·								o uays	o uays											· certification (
5	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	NA	NA	June 28, 2020	August 26, 2020	August 12, 2021	October 10, 2021	0%	384 days	0 days	410 days			- 51	bmit & end	ose by Pi	l and Sta	tutory A	uthorities	s/Gov. Dept	
5	Prepare AIP for Remaining Works at Waterfront Promenade and ICE certification (Draft)	60 days	60 days	NA	NA	January 14, 2020	March 13, 2020	September 24, 2020	November 22, 2020	0 0%	0 days	1 day	254 days		- Pr	pare AIP	for Remaini	ng Works	at Wate	front Pro	omenade a	and ICE cert	ification (Draft
7	Submit & endorse by PM and Statutory Authorities/Gov.  Dept	60 days	60 days	NA	NA	March 14, 2020	May 12, 2020	December 25, 2020	February 22, 2021	0%	0 days	0.5 days	286 days			Submit	k endorse by	PM and	tatutory	Authori	ties/Gov.	Dept	
8	Prepare AIP for Remaining Works at Waterfront Promenade and ICE certification (Final)	10 days	10 days	NA	NA	May 13, 2020	May 22, 2020	February 23, 2021	March 4, 2021	0%	0 days	0 days	286 days			Prepare	AIP for Ren	aining W	riks at W	/aterfron	t Promena	ade and ICE	certification (F
	· ,																						
9	Prepare DDA for Remaining Works at Waterfront Promenade and ICE certification (Draft)	90 days	90 days	NA	NA	May 23, 2020	August 20, 2020	March 5, 2021	June 2, 2021	0%	0 days	1 day	286 days			Pr	pare DDA f	or Remaii	ing Wo	rks at Wa	iterfront P	Promenade	and ICE certific
		CO -1	CO -1	A1.A		1	O-t-h 10, 2020	hun 2 2024	A	00/	0.4	0.5.4	205 4				Submit & e	rulareo la	DN4 and	Statuta	n. Authori	tios/Gov D	ont.
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	ьо дауѕ	60 days	NA	NA	August 21, 2020	October 19, 2020	June 3, 2021	August 1, 2021	0%	0 days	0.5 days	286 days										
1	Prepare DDA for Remaining Works at Waterfront Promenade and ICE certification (Final)	10 days	10 days	NA	NA	October 20, 2020	October 29, 2020	August 2, 2021	August 11, 2021	0%	0 days	0 days	286 days				Prepare D	DA for Re	maining	Works a	t Waterfro	ont Promen	ade and ICE cer
																							Dt
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	ьи days	60 days	NA	NA	October 30, 2020	December 28, 2020	u August 12, 2021	October 10, 2021	υ%	260 days	U days	286 days				Submi						
3	AIP for Cladding Desing of Landscape Deck, Lifts and associated Works (Draft)	60 days	60 days	NA	NA	October 28, 2020	December 26, 2020	0 November 23, 2020	January 21, 2021	0%	0 days	1 day	26 days				AIP for	(ladding	Desing	f Lands	ape Deck,	, Lifts and a	ssociated Work
4	AIP for Cladding Desing of Landscape Deck, Lifts and	38 days	38 days	NA	NA	December 27, 2020	February 2, 2021	July 13, 2021	August 19, 2021	0%	52 days	0.5 days	198 days				AIP	or Claddii	g Desin	g of Land	dscape Dec	ck, Lifts and	l associated Wo
5	associated Works (Final)  DDA for Cladding Desing of Landscape Deck, Lifts and	90 days	90 days	NA	NA	December 27, 2020	) March 26, 2021	May 22, 2021	August 19, 2021	0%	0 days	1 day	146 days					LIA for Cla	dding (	esing of	Landscape	e Deck, Lift:	and associated
	associated Works (Draft)																		1				ifts and associa
6	associated Works (Final)	52 days	,.	NA	NA	March 27, 2021	May 17, 2021	August 20, 2021	October 10, 2021		120 days	1 udy	146 days							I     -			
7	AIP for Water Works - Waterfront Promenade and at grade Open Space (Draft)	60 days	60 days	NA	NA	December 27, 2020	February 24, 2021	January 22, 2021	March 22, 2021	0%	0 days	1 day	26 days				Atr	ior Wate	Works	- Waterf	ront Prom	enade and	at grade Open
3	AIP for Water Works - Waterfront Promenade and at	38 days	38 days	NA	NA	February 25, 2021	April 3, 2021	July 13, 2021	August 19, 2021	0%	52 days	0.5 days	138 days					JP <b>f</b> or Wa	ter Worl	s - Wate	rfront Pro	omenade an	d at grade Ope
)	grade Open Space (Final)  DDA for Water Works - Waterfront Promenade and at	90 days	90 days	NA	NA	February 25, 2021	May 25, 2021	May 22, 2021	August 19, 2021	0%	0 days	1 day	86 days					DDA to	Water	Works - \	Naterfron	t Promenac	e and at grade
0	grade Open Space (Draft)  DDA for Water Works - Waterfront Promenade and at	52 days	52 days	NA	NA	May 26, 2021	July 16, 2021	August 20, 2021	October 10, 2021	0%	60 days	1 day	86 days					DDW	for Wat	er Wark	- Waterfr	ront Prome	nade and at gra
	grade Open Space (Final)	· ·										,											•
1	AIP for Balustrade and Railing of Promenade, Open Space and Assocated Works (Draft)	60 days	60 days	NA	NA	February 25, 2021	April 25, 2021	March 23, 2021	May 21, 2021	0%	0 days	1 day	26 days					ALP for B	ijustrade	and Rai	ling of Pro	omenade, O	pen Space and
2	AIP for Balustrade and Railing of Promenade, Open Space	38 days	38 days	NA	NA	April 26, 2021	June 2, 2021	July 13, 2021	August 19, 2021	0%	52 days	0.5 days	78 days					AIP for	Balustra	de and F	tailing of F	Promenade	Open Space a
	and Assocated Works (Final)																						
Revised P	Programme- Critical Task		Ma	anual Task	Duration-or	nly	Baseline Milestone	♦ Sum	mary	Ext	ternal Tasks		Inactive Mil	ilestone ♦	Ba	seline Summa	ry L	_					
D/2018/0	701 with Progress Critical Split Split Split		Sta	_	Baseline		Milestone		ual Summary		ternal Milesto	one ♦	Inactive Sur	•									
puate as	s of 22-Sep-19 Critical Progress Task Progr	ess	Fir	nish-only	Baseline Sp	lit	Summary Progress	Proje	ect Summary	Ina	active Task		Deadline	+									

Part	3 4 5 5 6 7 8 8 9	DDA for Balustrade and Railing of Promenade, Open Space and Assocated Works (Draft)			. ictual start		a Start		_acc start		'				2020		2	n21		2022		2022		
Control of the Cont	4 5 6 7	Space and Assocated Works (Draft)	00.1															111	1112	2022	.	2023	.	202
Control processes   Cont	5 6 7 8	, , ,	90 days	90 days	NA	NA	April 26, 2021	July 24, 2021	May 22, 2021	August 19, 2021			,		H			HI	DDA	for Balust	trade and	Railing of P	omenade, C	pen Spa
Part   Anther   March   Marc	6 7 8	Space and Assocated Works (Final)	52 days	52 days	NA	NA	July 25, 2021	September 14, 202	21 August 20, 2021	October 10, 2021	0% 0 day	s 1 day	ay 26 days						DI	A for Ba	lustrade a	and Railing o	f Promenad	a, Open S
Control Cont	7	• •	- '							November 15, 2022	2 0% 26 da	iys	26 days										_	
March Control And Annual Ann	8		61 days	61 days	NA	NA	March 29, 2020	May 28, 2020	April 24, 2020	June 23, 2020	0% 0 day	s 1 day	ay 26 days			Prepa	re AIP to	r Roads	ide Lands	caping S	oftworks a	and ICE cert	fication (Dra	ft)
Second Control		Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	May 29, 2020	July 27, 2020	April 22, 2022	June 20, 2022	0% 0 day	s 0.5 d	days 693 days			Su	bmit &	endors	by PM aı	nd Statuto	ory Autho	orities/Gov. I	Pept	
Progress of the Control of the Con	}	• •	14 days	14 days	NA	NA	July 28, 2020	August 10, 2020	June 21, 2022	July 4, 2022	0% 18 da	ys 0 day	ays 693 days			P	repare A	IP for n	adside la	ndscapin	g softwor	rks and ICE o	ertification (	Final)
Auto-Auto-Auto-Auto-Auto-Auto-Auto-Auto-		, ,	E 92 days	92 days	NA	NA	May 29, 2020	August 28, 2020	June 24, 2020	September 23, 2020	0 0% 0 day	s 1 day	ay 26 days				Prepare	DDA for	Floadside	Landsca	iping Soft	works and I	E certificati	on (Draf
Property   Company   Com	)	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	August 29, 2020	October 27, 2020	July 5, 2022	September 2, 2022	0% 0 day	s 0.5 d	days 675 days				Subr	nit & en	dorse by	PM and S	statutory .	Authorities/	Gov. Dept	
Section   Sect	1	Prepare DDA for Roadside Landscaping Softworks and IC	E 14 days	14 days	NA	NA	October 28, 2020	November 10, 2020	0 September 3, 2022	September 16, 2022	2 0% 0 day	s 0 day	ays 675 days				Pre	are DE	A for Roa	dside Lan	ıdscaping	Softworks a	nd ICE certif	ication (
Propose for the reservation and selection   Section	2	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	November 11, 2020	January 9, 2021	September 17, 2022	November 15, 2022	0% 587 d	lays 0 day	ays 675 days					Submit	endors	by PM a	and Statut	tory Authori	ies/Gov. De	pt
Martin   M	3	Prepare AIP for irrigation system for all landscaping	60 days	60 days	NA	NA	August 29, 2020	October 27, 2020	September 24, 2020	November 22, 2020	0% 0 day	s 1 day	ay 26 days				Prep	are AIP	or irrigat	ion syste	m for all l	landscaping	works and I	E certifi
Page   Mark   Page	4	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	October 28, 2020	December 26, 2020	0 March 17, 2022	May 15, 2022	0% 0 day	s 0.5 d	days 505 days				S	ubmit 8	endorse	by PM ar	nd Statute	ory Authorit	es/Gov. Dep	t
Property Content on plant pl	5	Prepare AIP for irrigation system for all landscaping	10 days	10 days	NA	NA	December 27, 2020	January 5, 2021	May 16, 2022	May 25, 2022	0% 0 day	s 0 day	ays 505 days				-	Prepare	AIP for ir	rigation s	ystem for	r all landscap	ing works a	nd ICE ce
Analysis   March   M	6	Prepare DDA for irrigation system for all landscaping	90 days	90 days	NA	NA	January 6, 2021	April 5, 2021	May 26, 2022	August 23, 2022	0% 0 day	s 1 day	ay 505 days				#	Per	pare DD/	for irrig	ation sys1	tem for all la	ndscaping w	orks and
Propose Contemporal property and property of the Property of 19 (19 cm)   19 cm   19	7	Submit & endorse by PM and Statutory Authorities/Gov.	60 days	60 days	NA	NA	April 6, 2021	June 4, 2021	August 24, 2022	October 22, 2022	0% 0 day	s 0.5 d	days 505 days						Submit &	B. endorse	e by PM a	nd Statutory	Authorities	/Gov. De
Exercise of the section of the secti	8	Prepare DDA for irrigation system for all landscaping	10 days	10 days	NA	NA	June 5, 2021	June 14, 2021	October 23, 2022	November 1, 2022	0% 0 day	s 0 day	ays 505 days						Prepare	DDA for	irrigation	system for	all landscapi	ng work
Mary	9	Submit & endorse by PM and Statutory Authorities/Gov.	14 days	14 days	NA	NA	June 15, 2021	June 28, 2021	November 2, 2022	November 15, 2022	0% 417 d	lays 0 day	ays 505 days						Submit	& endor	se by PM	and Statuto	ry Authoritie	s/Gov. I
Section   Calum   Ca	) Work	- 17 -	1394 days	1394 days	NA	NA	August 4, 2020	May 29, 2024	August 7, 2020	May 29, 2024	0% 0 day	rs	0 days			Ш								
Exciscio   Calum   C	-	• •		· ·	NA															9	Section 1			
Section   Column	2 Se	ection 2	0 days	0 days	NA	NA	May 26, 2021	May 26, 2021	June 2, 2021	June 2, 2021	0% 6 day	s 0 day	ays 6 days						Section	2				
Section	3 Se	ection 3	0 days	0 days	NA	NA	October 28, 2021	October 28, 2021	November 2, 2021	November 2, 2021	0% 4 day	s 0 day	ays 4 days						•	Section	3			
Section 5																				J <sub>E</sub>			Section	4
Section   C. days   Glays   May	-																		Sectio	n 5			Cantia	
Section   Cary	-			· '							,												Section	10
Section				- '																Soction	n 8			
Section 3    Design   Graph	-			- '				,	· ·	· ·									Section	Jacob Jacob				
100   100				· '				· ·		· ·									300				Section	10
192   193						NA										K	D1							
503   Solit	2 KD	02		- · ·		NA						ys 0 day						<b>∝</b> κ⊅	2					
NOS   Outsy   Outsy   Outsy   NA   NA   September 17, 2012 Septembe		03			NA	NA					0% 9 day	s 0 day							<b>к</b> рз					
Contraction Works   1995 day   50 days   50		04			NA	NA		January 31, 2022	January 31, 2022	January 31, 2022										<b>≪</b> KC	<b>)</b> 4			
Contraction Work		05		0 days	NA	NA				September 17, 2021									<b>₩</b> K	D5				
Construction Works   1898 days   1891 849 1891 1891 1891 1891 1891 1891	6 KD	06	0 days	0 days	NA	NA	December 14, 2021	December 14, 2021	1 December 29, 2021	December 29, 2021	0% 11 da	ys 0 day	ays 11 days							KD6				
Office Accommodation	7 KD	07	0 days	0 days	NA	NA	May 27, 2022	May 27, 2022	June 3, 2022	June 3, 2022	0% 5 day	s 0 day	ays 5 days											
Procurement of Materials and Equipments	S Cons	struction Works	1499 days	1491.94 days	May 16, 2019	NA	May 16, 2019	May 29, 2024	May 16, 2019	May 29, 2024	0% 0 day	's	0 days											_
Exacution Permit  429 days 29 days 29 days 30 days 132 days 125 days 132 da	-		53 days				August 8, 2019	October 31, 2019	August 8, 2019	January 10, 2020	40% 58 da	iys <mark>1 day</mark>	58 days		ffice Acc	ommoda	tion							
Hole Bodd Diversion 3m wide within Kai Tak Sport Part 1 32 days 132 days 82 days September 12, 2019 NA Nay 16, 2019 March 13, 2020 May 18, 2019 May	-	• •											-	1						rement o	of Materia	als and Equi	ments	
Section 1  Agree Interface Coordination Plan with CRR & KTSP 1 d days 0 d say Agree Interface Coordination Plan with CRR & KTSP 1 d days 0 d say Agree Interface Coordination Plan with CRR & KTSP 1 d days 0 d say Agree Interface Coordination Plan with CRR & KTSP 1 d days 0 d say 1 d s	-			-			•	•				-	-				7							
Agree Interface Coordination Plan with CKR & KTSP	-			_					·							iaui Road			ilie with		·	ırı.		
Ground Investigation 60 days 52 days September 12, 2019 NA September 12, 2019 NA September 12, 2019 January 10, 2020 0% 38 days 0.5 days 0.5 days 0.5 days 38 days 0.5 days 38 days 0.5 days 38 days 0.5	_		· ·											) Age	a Interf	ra Coor	dination	Dlan w	יו כעט אי		section 1			
Gi Work	_	•	- '															riaii wi	. CK C	N. SF				
Part 1 - Junction Modification Rd L6 & D2 80 days 80 days NA NA NA November 22, 2021 March 1, 2022 November 22, 2021 March 1, 2022 O% 0 days	4	<del>-</del>		-					-			•												
Break up existing pavement and traffic Island  12 days  12 days  12 days  NA  NA  November 22, 2021 December 4, 2021 November 22, 2021 December 4, 2021 O%  0 days  0 days  1				· ·																	Part 1 - Ju	ınction Mod	fication Rd	.6 & D2
Utility ducting laying (by others)  25 days  7 days  7 days  7 days  NA  NA  December 6, 2021  December 13, 2021  December 12, 2021  December 12, 2021  December 12, 2021  December 13, 2021  December 12, 2021  December 13, 2021  December 14, 2022  December 13, 2021  December 14,	5			<u> </u>																			1111	
Trim formation and lay sub base 7 days 7 days NA NA December 13, 2021 December 20, 2021 December 20, 2021 December 20, 2021 0% 0 days	7			· '																	-			
Lay kerb  12 days 12 days NA NA December 21, 2021 January 6, 2022 December 21, 2021 January 6, 2022 O% Odays Oday	8																				-	.    1 -   -	1111	
Construct pedestrian street/ footpath 7 days 7 days NA NA January 7, 2022 January 14, 2022 January 15, 2022 January 28, 2022	9	, , , , , , , , , , , , , , , , , , ,									,													
Install central median  12 days  12 days  NA  NA  January 15, 2022  January 28, 2022	)	•		- '																Con	struct per	destrian stre	et/ footpath	
Concrete infill between profile barrier  4 days 4 days NA NA January 29, 2022 February 5, 2022 January 29, 2022 February 5, 2022 January 29, 2022 February 5, 2022 January 29, 2022 February 11, 2022 O% 0 days 0 da	1			- '																				
Road pavement 5 days 5 days NA NA February 7, 2022 February 11, 2022 February 11, 2022 February 11, 2022 O% 0 days	2			· '		NA														<b>∦</b> ¢o	ncrete inf	fill between	orofile barri	er
Part 1 - Road D3 CH1000-1087  269 days 269 days NA NA January 5, 2021 November 29, 2021 February 25, 2021 March 1, 2022 0% 41 days  A lanuary 5, 2021 Marc	3	Road pavement	5 days	5 days	NA	NA		February 11, 2022	February 7, 2022	February 11, 2022										Ro	oad paven	nent		
rised Programme- (2018/01 with Progress Later as In Split Start-only Baseline Milestone Manual Summary External Milestone Manual Summary	4	Install street furniture	15 days	15 days	NA	NA	February 12, 2022	March 1, 2022	February 12, 2022	March 1, 2022	0% 0 day	s 1 day	ays 0 days							ir	nstall stre	et furniture		
2018/01 with Progress Critical Split Start-only C Baseline Milestone Manual Summary External Milestone Inactive Summary	5	Part 1 - Road D3 CH1000-1087	269 days	269 days	NA	NA	January 5, 2021	November 29, 202	1 February 25, 2021	March 1, 2022	0% 41 da	iys	41 days							Part 1	- Road D	3 CH1000-10	87	
2018/01 with Progress Critical Split Start-only C Baseline Milestone Manual Summary External Milestone Inactive Summary																								
2018/01 with Progress Critical Split Start-only C Baseline Milestone Manual Summary External Milestone Inactive Summary	Revised 1	Programme- Critical Task	_	Ma	anual Task	Duration	-only	Baseline Milestone	♦ Sum	nmary	External Ta	isks	Inactive N	ilestone ♦	В	seline Sumn	nary 🖳		_					
tate as of 22-Sen-19								Milestone									-							
					•		Split	Summary Progress																

Task Name	Duration	Remaining Duration	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Fr % Sla		Time Risk Total Allowances Slack	2019   2020   2021   2022   2023
Allow Assess have as CHARRO and CHARRO for EMCD This	O days				January 5, 2024	In a control of 2024	5-h	Falance 25, 2024	Complete	(	TRA)	H1 H2 H1 H2 H1 H2 H1 H2 H1 H2
Allow Access between CH1000 and CH1087 for EMSD Thied District Cooling System for Associated Pipeline Laying (Assume the DCS Pipeline Lay within CH1010 and Ch1087	0 days	0 days	NA	NA	January 5, 2021	January 5, 2021	February 25, 2021	February 25, 2021	0% 26	days	51 days	Sun September 22 Allow Arctess DetWeen CH1000 and CH1087 for ENSO I filed Disti
Area)  Between CH1000 and CH1087 Area Handover Back from EMSD third District Cooling System Contractor	0 days	0 days	NA	NA	July 30, 2021	July 30, 2021	August 24, 2021	August 24, 2021	0% 25	days	25 days	Eatwaen CH1000 and CH1087 Area Handover Back
Utility ducting laying (by others)	26 days	26 days	NA	NA	August 24, 2021	September 23, 202:	1 August 24, 2021	September 23, 202	1 0% 0 0	days 2	days 0 days	Utility ducting laying (by others)
Trim road formation	3 days	3 days	NA	NA	September 24, 202	1 September 27, 202	1 September 24, 2021	September 27, 202	1 0% 0 0	days (	0 days	
Lay sub base	7 days	7 days	NA	NA	September 28, 202		September 28, 2021			days (		
Lay kerb  Construct pedestrian street/ footpath	12 days 7 days	12 days 7 days	NA NA	NA NA	October 7, 2021 October 22, 2021		October 7, 2021 October 22, 2021	October 21, 2021 October 29, 2021			0 days 0 days 0 days	
Install central median	10 days	10 days	NA	NA NA	October 30, 2021	November 10, 2021	· · · · · · · · · · · · · · · · · · ·	November 10, 202		days (		
Concrete infill between profile barrier	4 days	4 days	NA	NA			November 11, 2021	· ·			days 0 days	
Road pavement	5 days	5 days	NA	NA	November 16, 202	1 November 20, 2021	November 16, 2021	November 20, 202			days 0 days	Road pavement
Install street furniture	7 days	7 days	NA	NA	November 22, 202	1 November 29, 2021	February 22, 2022	March 1, 2022	0% 73	days	days 73 days	s Tinstall street furniture
Bridge D3 (Approach Ramp and Bridge) CH1087-1444.7	812 days	812 days	NA	NA	May 16, 2019		December 28, 2019			days	19 days	
North Approach Ramp (Fronting CKR) CH1087-1189.4 - 7 bays	306 days	306 days	NA	NA	September 23, 2019	October 3, 2020	December 28, 2019			days	79 days	North Approach Ramp (Fronting CRR) CH1087-1189.4 - 7 bays
Procurement of Movement Joints for Bridge Works  Ground Monitoring Works	90 days	90 days	NA NA	NA NA	January 11, 2020	April 9, 2020	March 4, 2020	June 1, 2020		days	53 days	
Mobilization of plant and material	14 days 10 days	14 days 10 days	NA NA	NA NA	September 23, 201 January 11, 2020	January 22, 2020	December 28, 2019 January 11, 2020	January 10, 2020 January 22, 2020			0 days 96 days 0 days	
Foundation Construction	64 days	64 days	NA	NA	January 23, 2020	April 14, 2020	January 23, 2020	April 14, 2020			days 0 days	
Drive sheetpile (~200m) Prod. Rate: 10m/d/team	20 days	20 days	NA	NA	April 15, 2020	May 10, 2020	April 18, 2020	May 13, 2020			days 3 days	
Excavation ~1,876m3 & lateral support. Prod. Rate:	12 days	12 days	NA	NA	May 11, 2020	May 24, 2020	May 14, 2020	May 27, 2020	0% 0 0	days	days 3 days	Excavation ~1,876m3 & lateral support. Prod. Rate: 160m3/day/team (Bay 1 to
160m3/day/team (Bay 1 to 7) Blinding layer. Prod. Rate: 2bays/day	4 days	4 days	NA	NA	May 25, 2020	May 28, 2020	May 28, 2020	June 1, 2020	0% 0 0	days (	) days 3 days	Blinding layer. Prod. Bate: 2bays/day
Base slab Prod. Rate: 8d/bay/team	56 days	56 days	NA	NA	May 29, 2020	August 4, 2020	June 2, 2020	March 15, 2021			days 3 days	
Base slab (Bay 2 & 4) -1 team	16 days	16 days	NA	NA	May 29, 2020	June 16, 2020	June 2, 2020	June 19, 2020			days 3 days	
Base slab (Bay 1 & 3) - 1 team	16 days	16 days	NA	NA	June 17, 2020	July 7, 2020	June 20, 2020	July 10, 2020	0% 0 0	days :	days 3 days	Base slab (Bay 1 & 3) - 1 team
Base slab (Bay 5 & 7) - 1 team	16 days	16 days	NA	NA	July 8, 2020	July 25, 2020	January 25, 2021	February 11, 2021	0% 0 0	days (	days 166 day	
Base slab (Bay 6) - 1 team	8 days	8 days	NA	NA	July 27, 2020	August 4, 2020	March 6, 2021	March 15, 2021		days (		
Wall. Prod. Rate: 12d/bay/team	74 days	74 days	NA	NA	July 8, 2020	October 3, 2020	July 11, 2020	April 17, 2021		days 3		
Wall (Bay 2 & 4) - 2 teams  Wall (Bay 1 & 3) 2 teams (KD1)	12 days 12 days	12 days 12 days	NA NA	NA NA	July 8, 2020	July 21, 2020	July 11, 2020	July 24, 2020 August 7, 2020			days 3 days 3 days	
Wall (Bay 5 & 7) - 1 team	24 days	24 days	NA	NA NA	July 22, 2020 August 5, 2020	August 4, 2020 September 1, 2020	July 25, 2020 February 16, 2021	March 15, 2021		days (		
Wall (Bay 6) - 1 team (KD2)	12 days	12 days	NA	NA		September 15, 2020	· · · · · · · · · · · · · · · · · · ·	March 29, 2021			days 158 day	
Backfill and extract sheet pile	14 days	14 days	NA	NA	September 16, 202	0 October 3, 2020	March 30, 2021	April 17, 2021	0% 14	4 days (	days 158 day	ys Backfill and extract sheet pile
North Approach Ramp (Fronting KTSP) CH1087-1189.4 - 7 bays	608 days	608 days	NA	NA	October 7, 2019	October 23, 2021	April 1, 2020	February 21, 2022	0% 97	days	97 days	
Ground Monitoring Works	14 days	14 days	NA	NA	October 7, 2019	October 20, 2019	April 1, 2020	April 14, 2020			days 177 day	
Mobilization of plant and materials	19 days	19 days	NA NA	NA	April 15, 2020	May 8, 2020 August 28, 2020	April 15, 2020	May 8, 2020			days 0 days	
Foundation Construction  Drive sheetpile (~200m) Prod. Rate: 10m/d/team	94 days 24 days	94 days 24 days	NA NA	NA NA	May 9, 2020 August 29, 2020	September 25, 2020	May 9, 2020	August 28, 2020 September 25, 202		, .	days 0 days	
Excavation ~1,996m3 & lateral support. Prod. Rate:	18 days	18 days	NA	NA			September 26, 2020				days 0 days	
160m3/day/team										·		
Blinding layer. Prod. Rate: 2bays/day	13 days	13 days	NA	NA	October 20, 2020	November 4, 2020		November 4, 2020			0 days	
Base slab (Bay 1 to 7) Prod Rate: 8d/bay/team- 1 team	64 days 95 days	64 days 95 days	NA NA	NA NA	November 5, 2020	January 21, 2021 May 21, 2021	November 5, 2020	January 21, 2021 May 21, 2021		days 3	days 0 days 0 days	
Wall (Bay 1 to 7) 12d/bay/team - 1 team (KD3)  Backfilling ~8,372.91m3 within approach ramp to	53 days	53 days	NA NA	NA NA	January 22, 2021 May 22, 2021	July 24, 2021	January 22, 2021 May 22, 2021	July 24, 2021		-	days 0 days	
formation level (160m3/day) considered time for SRT  Placing of precast planting channel along approach ramp	24 davs	24 days	NA	NA	July 27, 2021	August 23, 2021	July 27, 2021	August 23, 2021	0% 0 0	days :	days 0 days	Placing of precast planting channel along approach
Utility ducting laying (by others)	26 days	26 days	NA	NA	July 26, 2021	August 24, 2021	July 26, 2021	August 24, 2021		days :		
Construct pedestrian street/ footpath	5 days	5 days	NA	NA	August 25, 2021	August 30, 2021	August 25, 2021	August 30, 2021	0% 0 0	days (	0 days	
Install central median	6 days	6 days	NA	NA	August 31, 2021	September 6, 2021	,	September 6, 2021			0 days	
Concrete infill between profile barrier	5 days	5 days	NA	NA			· ·			days (		
Lay sub base	4 days	4 days	NA NA	NA NA			September 13, 2021			-	0 days	
Road pavement  Install railing on top of retaining wall & street furniture	5 days 24 days	5 days 24 days	NA NA	NA NA			1 September 17, 2021 January 21, 2022	February 21, 2022			0 days 0 days 0.5 days 97 days	
Part 3G - CH1189.4 to CH1229 North Abutment	286 days	286 days	NA	NA	April 15, 2020	March 29, 2021	May 4, 2020	April 17, 2021		days	14 days	
Pre-drilling Works	14 days	14 days	NA	NA	April 15, 2020	April 28, 2020	May 4, 2020	May 17, 2020		days 1		
Bored pile (8 numbers). Prod. Rate: 10d/pile/rig.	80 days	80 days	NA	NA	April 29, 2020	August 4, 2020	May 18, 2020	,		days 2	days 14 days	
Pile Testing (28d curing & 14 test) - 1 full-core to be carried out	42 days	42 days	NA	NA	August 5, 2020	September 22, 2020		October 10, 2020		days 2	2 days 14 days	
Proof-drilling Works	7 days	7 days	NA	NA	August 5, 2020	August 11, 2020	October 4, 2020	October 10, 2020		days (	· ·	
Pile Loading Test	16 days	16 days	NA	NA	September 23, 202		October 11, 2020	October 26, 2020		days :		
Drive sheetpile (~90m) Prod. Rate: 10m/d/team  Excavation ~780m3 & lateral support. Prod. Rate:	9 days 6 days	9 days 6 days	NA NA	NA NA	October 9, 2020 October 20, 2020	October 19, 2020 October 27, 2020	October 27, 2020 November 6, 2020	November 5, 2020 November 12, 202		days (	days 14 days days 14 days	
160m3/day/team Blinding layer	1 day	1 day	NA	NA	October 28, 2020	October 28, 2020	November 13, 2020	November 13, 202	0 0%	days (	) days 14 days	s Blinding layer
Base Slab	20 days	20 days	NA	NA	October 29, 2020		November 14, 2020			days :		
						·						
evised Programme- Critical Task			anual Task	Duration	n-only	Baseline Milestone		imary	Externa			Inactive Milestone Saseline Summary
2018/01 with Progress   Critical Split   Split   Split   Split   Critical Progress   Task Proc		St	art-only [	Baseline Baseline	- "	Milestone		ual Summary	Externa	al Mileston	e ♦	Inactive Summary
Task Progress			oren entre			Summary Progress is		ect Summary	Inactiv	<b>-</b> .		Deadline 🖖

Task I	Name	Duration		Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Free		e Risk Total	10 2020 2021 2022
			Duration							% Slac	k Allow (TRA)	wances Slack	19
5	Wall (3.85m thk). Prod. Rate: 18d/bay/team	30 days	30 days	NA	NA	November 21, 2020	December 28, 2020	December 8, 2020	January 14, 2021	0% 0 da		/	Sun September 22 Wall (3.85 m thk). Hrod. Rate: 18d/blay/team
	Wall (0.5m thk). Prod. Rate: 14d/bay/team (KD2)	74 days	74 days	NA	NA	December 29, 2020	March 29, 2021	January 15, 2021	April 17, 2021	0% 0 da	ys 0 day	ys 14 days	Wall (0.5m thk). Prod. Rate: 14d/bay/team (KD2)
	Backfill and extract sheet pile	7 days	7 days	NA	NA	December 29, 2020	January 6, 2021	March 27, 2021	April 7, 2021	0% 0 da	ys 0 day	ys 72 days	Backfill ari <mark>d</mark> ext <mark>ract sheet</mark> pile
3	Install bridge bearing	7 days	7 days	NA	NA	January 7, 2021	January 14, 2021	April 8, 2021	April 15, 2021	0% 61 c	ays 0 day	ys 72 days	≓Install bri <mark>d</mark> ge b <mark>e</mark> aring
9	Part 3C - CH1229 to CH1279	573 days	573 days	NA	NA	January 11, 2020	December 14, 2021	January 20, 2020	December 29, 2021	. 0% 7 da	ys	7 days	Part 3C - CH1229 to CH1279
)	Mobilization of plant and material	6 days	6 days	NA	NA	January 11, 2020	January 17, 2020	January 20, 2020	January 29, 2020	0% 0 da		ys 7 days	Mobilization of plant and material
1	Pre-drilling Works	14 days		NA	NA	March 21, 2020	April 7, 2020	May 14, 2020	May 29, 2020	0% 0 da			Pre-drilling Works
2	Bored pile (3 numbers) @ CH1229. Prod. Rate:	36 days		NA	NA	March 21, 2020	May 8, 2020	May 14, 2020	June 24, 2020	0% 0 da			Bored pile (3 numbers) @ CH1229, Prod. Rate: 12d/pile/rig.
_	12d/pile/rig.	30 days	30 days	NO.	IV.	Warch 21, 2020	IVIAY 0, 2020	Way 14, 2020	Julie 24, 2020	070 0 00	y3 0.5 uc	lays 40 days	
3	Pile Testing (14d curing & 14 test)	28 days	28 days	NA	NA	May 9, 2020	June 10, 2020	June 26, 2020	July 29, 2020	0% 0 da	ys 0.5 da	lays 40 days	Pile Testing (14d curing & 14 test)
4	Proof-drilling Works	7 days	7 days	NA	NA	May 9, 2020	May 15, 2020	July 23, 2020	July 29, 2020	0% 26 c	ays 0 day	ys 75 days	Proof-drilling Works
5	Pile Loading Test	14 days	14 days	NA	NA	June 11, 2020	June 24, 2020	July 30, 2020	August 12, 2020	0% 1 da			Pile Loading Test
6	Pile Cap @ CH1229	64 days	64 days	NA	NA	June 26, 2020	September 9, 2020	· · ·	September 23, 20			12 days	Pile Cap @ C(1,229
7	Drive sheetpile (~75m). Prod. Rate:	8 days		NA	NA	June 26, 2020	July 6, 2020	August 13, 2020		0% 0 da	•		Drive sheetpile (~75m). Prod. Rate: 10m/day/side/team
	10m/day/side/team	o days	o days	147.	147.	June 20, 2020	July 0, 2020	// ragust 15, 2020	/ lagust 21, 2020	070	ys o day	ys 40 ddys	
8	Excavation ~755m3 & lateral support. Prod. Rate:	5 days	5 days	NA	NA	July 7, 2020	July 11, 2020	August 22, 2020	August 27, 2020	0% 0 da	ys 0 day	ys 40 days	Excavation ~755m3 & lateral support. Prod. Rate: 160m3/day/team
	160m3/day/team												
)	Blinding layer	1 day	1 day	NA	NA	July 13, 2020	July 13, 2020	August 28, 2020	,		ays 0 day	ys 40 days	
	Pilecap structure	14 days	14 days	NA	NA	August 15, 2020	August 31, 2020	August 29, 2020	September 14, 202	0 da	ys 1 day	ys 12 days	Pilecap structure
	Backfill and extract sheet pile	8 days	8 days	NA	NA	September 1, 2020	September 9, 2020	September 15, 2020	September 23, 202	0 0% 0 da	ys 0 day	ys 12 days	∦ Backfill and extra <mark>ct</mark> she <mark>et pi</mark> le
	Pier @ CH1229	48 days	48 days	NA	NA	September 10, 202	November 7, 2020	September 24, 2020	November 21, 2020	0 0% 0 da	ys 2 day	ys 12 days	Pier @ CH1225
	Pre-drilling Works	14 days	14 days	NA	NA	January 18, 2020	January 31, 2020	January 30, 2020	February 12, 2020	0% 0 da	ys 1 day	ys 12 days	Pre-drilling Works
ı	Bored pile (3 numbers) @ CH1269. Prod. Rate:	30 days	30 days	NA	NA	February 1, 2020	March 6, 2020	February 13, 2020	March 18, 2020	0% 0 da		ys 10 days	Bored pile (3 numbers) @ CH0269. Prod. Rate: 10d/pile/rig.
	10d/pile/rig.								·			,	
	Pile Testing (14d curing & 14 test)	28 days	28 days	NA	NA	March 7, 2020	April 9, 2020	April 21, 2020	May 25, 2020	0% 0 da	ys 0.5 da	lays 34 days	Pile Testing (14d curing <mark>&amp; 1</mark> 4 test)
	Proof-drilling Works	7 days	7 days	NA	NA	March 7, 2020	March 13, 2020	May 19, 2020	May 25, 2020	0% 27 c	ays 0 day	ys 73 days	Proof-drilling Works
	Pile Loading Test	14 days	14 days	NA	NA	April 10, 2020	April 23, 2020	May 26, 2020	June 8, 2020	0% 0 da	ys 0 day	ys 46 days	Trile Loading Test
	Pile Cap @ CH1269	42 days	· ·	NA	NA	April 24, 2020	June 13, 2020	June 9, 2020	July 29, 2020	0% 37 d		37 days	Pile Cap @ CH1269
,	Drive sheetpile (~75m). Prod. Rate:	8 days		NA	NA	April 24, 2020	May 5, 2020	June 9, 2020	June 17, 2020	0% 0 da	•	ys 37 days	Drive sheetpile (~75m), Prod. Rate: 10m/day/side/team
	10m/day/side/team	,-	,-			= ., ====	, 5, 2225				,,	,,.	
1	Excavation ~1677m3 & lateral support. Prod. Rate:	11 days	11 days	NA	NA	May 6, 2020	May 18, 2020	June 18, 2020	July 2, 2020	0% 0 da	ys 0 day	ys 37 days	Ekcavation ~1677m3 & lateral support. Prod. Rate: 1.60m3/day/team
	160m3/day/team												
	Blinding layer	1 day	1 day	NA	NA	May 19, 2020	May 19, 2020	July 3, 2020	July 3, 2020	0% 0 da	ys 0 day	ys 37 days	Blinding layer
	Pile Cap structure	14 days	14 days	NA	NA	May 20, 2020	June 4, 2020	July 4, 2020	July 20, 2020	0% 0 da	ys 0 day	ys 37 days	Pile Cap structure
	Backfill and extract sheet pile	8 days	8 days	NA	NA	June 5, 2020	June 13, 2020	July 21, 2020	July 29, 2020	0% 0 da	ys 0 day	ys 37 days	Backfill and extract sheet pile
	Pier @ CH1269	48 days	48 days	NA	NA	June 15, 2020	August 11, 2020	July 30, 2020	September 23, 202	0 0% 25 c	ays 0 day	ys 37 days	Pier @ CH1269
	Bridge deck between CH1229-1269 [DB-SQ1]	116 days	116 days	NA	NA	November 9, 2020	March 30, 2021	January 22, 2021	April 15, 2021	0% 11 0	ays	11 days	Brid <mark>ge</mark> de <mark>ck</mark> between CH1229-1269 [DB-SQ1]
	Falsework erection	7 days	7 days	NA	NA	November 9, 2020	November 16, 2020	January 22, 2021	January 29, 2021	0% 50 c	ays 0 day	ys 61 days	Falsework erection
	Structure deck	28 days	28 days	NA	NA	January 19, 2021	February 23, 2021	February 1, 2021	March 8, 2021	0% 0 da	ys 1 day	ys 11 days	Structure deck
3	Prestressing	16 days	16 days	NA	NA	March 12, 2021	March 30, 2021	March 25, 2021	April 15, 2021	0% 0 da			Priestressing
)	Median barrier, utility through, parapet	45 days	· ·	NA	NA	March 31, 2021	May 27, 2021	May 10, 2021	July 3, 2021	0% 0 da			Median barrier, utility through, parapet
0	Utility ducting laying (by others)	14 days	14 days	NA	NA	May 28, 2021	lune 12 2021		October 12, 2021	0% 65 0			Litity ducting laying (by others)
1	Street furniture (KD6)	21 days		NA	NA		December 14, 2021		December 29, 2021				Street furniture (KD6)
2	Bridge deck between CH1189-1229 [DB-T2-SQ2]	64 days		NA	NA NA	March 31, 2021	June 19, 2021	· · · · · · · · · · · · · · · · · · ·	July 3, 2021	0% 11 c		11 days	
	• • • • • • • • • • • • • • • • • • • •							April 16, 2021				-	Falsework erection
_	Falsework erection	7 days		NA	NA	March 31, 2021	April 10, 2021	April 16, 2021	April 23, 2021	0% 0 da			
	Structure deck	28 days		NA	NA	April 12, 2021	May 14, 2021	April 24, 2021	May 28, 2021		ys 1 day		Structure deck
	Prestressing	15 days		NA	NA	June 2, 2021	June 19, 2021	June 16, 2021	July 3, 2021		ys 1 day		Prestressing
	Median barrier, utility through, parapet	46 days		NA	NA	June 21, 2021		July 5, 2021			ys 2 day		Median barrier, utility through, parapet
	Utility ducting laying (by others)	14 days	14 days	NA	NA	August 14, 2021	,	September 25, 2021	October 12, 2021	0% 0 da	ys 0 day	ys 35 days	Litty ducting laying (by others)
	Street furniture	21 days	21 days	NA	NA	August 31, 2021	September 24, 2021	October 13, 2021	November 6, 2021	0% 24 c	ays 0 day	ys 35 days	Street furniture
	Part 3D - CH1279 to CH1311	257 days	257 days	NA	NA	January 9, 2021	November 19, 2021	January 22, 2021	December 2, 2021	0% 11 0	ays	11 days	Part 3D - CH1279 to CH1311
	Bridge deck between CH1269-1314 [DB-SQ1]	73 days	73 days	NA	NA	January 9, 2021	April 10, 2021	January 22, 2021	April 23, 2021	0% 11 0	ays	11 days	Bridge deck between CH1269-1314 [DB-SQ1]
	Falsework erection	8 days	8 days	NA	NA	January 9, 2021	January 18, 2021	January 22, 2021	January 30, 2021	0% 0 da	ys 0 day	ys 11 days	Fallse work erection
	Structure deck	28 days	28 days	NA	NA	January 19, 2021	February 23, 2021	February 1, 2021	March 8, 2021	0% 0 da	ys 1 day	ys 11 days	Strukture deck
	Prestressing	23 days	23 days	NA	NA	March 12, 2021	April 10, 2021	March 25, 2021	April 23, 2021	0% 0 da			Prestressing
	Median barrier, utility through, parapet	45 days	· ·	NA	NA	August 14, 2021	October 7, 2021	August 27, 2021	October 21, 2021		ys 2 day		Median barrier, utility through, parapet
+	Utility ducting laying (by others)	14 days		NA	NA	October 8, 2021		October 22, 2021	November 6, 2021		ys 1 day		Utility ducting laying (by others)
	Street furniture (KD6)	22 days		NA	NA	October 26, 2021	November 19, 2021		December 2, 2021		ys 0 day		\$treet furniture (KD6)
	Part 3E - CH1311 to CH1372	407 days		NA	NA NA	March 7, 2020	July 22, 2021	March 19, 2020	October 23, 2021			10 days	Part SE - CH1311 to CH1372
	Pre-drilling Works			NA NA	NA NA	March 7, 2020	March 20, 2020		April 1, 2020		•		Pre-drilling Works
	<del>-</del>	14 days	- '	NA	NA NA			March 19, 2020			ys 0	12 days	Bored pile (5 numbers) © CH1314. Prod. Rate: 10d/pile/rig.
	Bored pile (5 numbers) @ CH1314. Prod. Rate: 10d/pile/rig.	50 days	50 days	IVA	IVA	March 21, 2020	May 25, 2020	April 2, 2020	June 5, 2020	0% 0 da	ys 1 day	ys 10 days	The state of the s
	Pile Testing (14d curing & 14 test)	28 days	28 days	NA	NA	May 26, 2020	June 27, 2020	June 6, 2020	July 10, 2020	0% 0 da	ys 1 day	ys 10 days	Pile Testing (14d curing 8.14 test)
	Proof-drilling Works	7 days	· ·	NA	NA	May 26, 2020	June 1, 2020	July 4, 2020	July 10, 2020		ays 0 day		AProof-drilling Works
	Pile Loading Test	14 days	- '	NA	NA	June 28, 2020	July 11, 2020	July 11, 2020	July 24, 2020	0% 1 da			File Loading Test
-	Pile Cap @ CH1314	37 days		NA NA	NA NA	July 13, 2020	August 24, 2020	July 25, 2020	September 5, 2020			11 days	Pile Cap @ CH1314
	• -										•		Drive sheetpile (- 75m). Prod. Rate: 10m/day/side/team
	Drive sheetpile (~75m). Prod. Rate: 10m/day/side/team	8 days	8 days	NA	NA	July 13, 2020	July 21, 2020	July 25, 2020	August 3, 2020	0% 0 da	ys 0 day	ys 11 days	Dive sirecupile (7/3m), Flour Rate: 10m/day/side/team
1		6 days	6 days	NA	NA	July 22, 2020	July 28, 2020	August 4, 2020	August 10, 2020	0% 0 da	ys 0 day	ys 11 days	Excavation ~888.81m3 & lateral support. Prod. Rate: 160m3/day/team
5	160m3/day/team	,-	,-			,,,		., 2020		0 46	,	,	
									·				
	ogramme- Critical Task			anual Task	Duration-	only	Baseline Milestone <	> Sumr	mary	External	asks		ive Milestone ♦ Baseline Summary
018/0	ogramme- 1 with Progress Critical Split Split Split of 22-Sep-19 Critical Progress Task Prog			anual Task art-only	Duration- Baseline	only	Baseline Milestone  Milestone		mary ual Summary		asks Milestone ♦		ive Milestone   Baseline Summary  We Summary  line

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Task N	Name	Duration	Remaining Duration	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Fr % SI		Fime Risk Total Allowances Slack 2019	2020 2021 2022 2023
										Complete	(	TRA) H1	1 H2 H1 H2 H1 H2 H1 H2 H1 H2
6	Blinding layer	1 day	1 day	NA	NA	July 29, 2020	July 29, 2020	August 11, 2020	August 11, 2020			days 11 days	Sun September 22 Blinding layer Pilecap structure
7	Pilecap structure	14 days	14 days	NA	NA	July 30, 2020	August 14, 2020	August 12, 2020	,		•	l days 11 days	Backfill and extract sheet pile
3	Backfill and extract sheet pile	8 days	8 days	NA NA	NA NA	August 15, 2020	August 24, 2020	August 21, 2020	September 5, 2020		days 1		Agree Interface Coordination Plan with CKP-KTW (HY/2014/07)
9	Agree Interface Coordination Plan with CKP-KTW (HY/2014/07)	14 days	14 days	INA	INA	May 6, 2020	May 21, 2020	August 21, 2020	September 5, 2020	0% /5	days 0	0 days 90 days	V 1950 - 110 100 - 250 11 11 11 11 11 11 11 11 11 11 11 11 11
0	Allow access to CKR-KTW contractor for sheet pile wall	63 days	63 days	NA	NA	August 25, 2020	November 9, 2020	September 7, 2020	November 21, 2020	0% 0	days 3	3 days 11 days	Allow access to CKR-KTW contractor for sheet pile wall installation. F
_	installation. PS App.1.18 2.7(A)( c)	40 -1	40 -1		N.A.	Navarah - 140, 2020	2 1 0 2024	N b 22, 2020	1	00/	da 3	National Advantage	Pier @ CH1314
1	Pier @ CH1314  Pre-drilling Works	49 days	49 days	NA NA	NA NA	November 10, 2020 August 5, 2020	August 16, 2020	November 23, 2020 August 23, 2020	January 21, 2021 September 3, 2020		-	2 days 11 days L days 18 days	Pre-drilling Works
13	Bore pile (3 numbers) @ CH1351. Prod. Rate: 12d/pile/rig	12 days	12 days 36 days	NA	NA NA	- '	,	0 September 4, 2020			days 1 days 1		Bore pile (3 numbers) @ CH1351. Prod. Rate: 12d/pile/rig
14	Pile Testing (14d curing & 14 test)	28 days	28 days	NA	NA NA	,	0 November 2, 2020	· · · · · ·	February 3, 2021			0.5 days 77 days	Pile Testing (14d curing & 14 test)
15	Proof-drilling Works	7 days	7 days	NA	NA	September 27, 2020		January 28, 2021	February 3, 2021		days 0	· · · · · · · · · · · · · · · · · · ·	Proof-drilling Works
16	Pile Loading Test	14 days	14 days	NA	NA		November 16, 202		February 17, 2021			) days 93 days	Pile Loading Test
17	Pile Cap @ CH1351	36 days	36 days	NA	NA			0 February 18, 2021	March 31, 2021		days	74 days	Pile Cap @ CH 1351
18	Drive sheetpile (~75m). Prod. Rate:	8 days	8 days	NA	NA	November 17, 2020	November 25, 202	0 February 18, 2021	February 26, 2021	0% 0	days 0	days 74 days	Chrive shee <mark>tpile (~75m)</mark> . Prod. Rate: 10m/day/side/team
	10m/day/side/team							5 1 27 222		001			# 5
19	Excavation ~755m3 & lateral support. Prod. Rate: 160m3/day/team	5 days	5 days	NA	NA	November 26, 2020	December 1, 2020	February 27, 2021	March 4, 2021	0% 0	days 0	days 74 days	Excavation ~755m3 & lateral support. Prod. Rate: 160m3/day/team
0	Blinding layer	1 day	1 day	NA	NA	December 2, 2020	December 2, 2020	March 5, 2021	March 5, 2021	0% 0	days 0	) days 74 days	Blinding layer
1	Pile Cap structure	14 days	14 days	NA	NA	December 3, 2020	December 18, 2020	0 March 6, 2021	March 22, 2021	0% 0	days 0	) days 74 days	Pile Cap structure
2	Backfill and extract sheet pile	8 days	8 days	NA	NA	December 19, 2020	December 30, 2020	March 23, 2021	March 31, 2021	0% 7	days 0	days 74 days	<b>ਡ B</b> ackfill an <mark>d extract sheet</mark> pile
3	Pier @ CH1351	48 days	48 days	NA	NA	January 9, 2021	March 9, 2021	April 1, 2021	June 1, 2021	0% 0	days 0	0.5 days 67 days	Pier @ CH13 <mark>5</mark> 1
54	Bridge deck between CH1314-1351	64 days	64 days	NA	NA	March 10, 2021	May 28, 2021	June 2, 2021	,	0% 67	days 1		Bridge deck between CH1314-1351
55	Falsework erection	7 days	7 days	NA	NA	March 10, 2021	March 17, 2021	June 2, 2021	June 9, 2021	0% 0	days 0	days 67 days	Fallework erection
66	Structure deck	28 days	28 days	NA	NA	March 18, 2021	April 22, 2021	June 10, 2021	July 14, 2021		-	0.5 days 67 days	Structure deck
57	Prestressing	15 days	15 days	NA	NA	May 11, 2021	May 28, 2021	August 4, 2021	August 20, 2021		· -	days 70 days	Prestrissing
8	Median barrier, utility through, parapet	24 days	24 days	NA	NA	May 29, 2021	June 26, 2021	August 26, 2021	September 23, 202		-	0.5 days 74 days	Median barrier, utility through, parapet
59	Utility ducting laying (by others)	14 days	14 days	NA	NA	June 28, 2021	July 14, 2021	October 7, 2021	October 23, 2021		L days 0		Utility ducting laying (by others)
50	Street furniture	21 days	21 days	NA NA	NA NA	June 28, 2021	July 22, 2021		October 20, 2021		days 0		Fart 1 - CH1372 to CH1386
51 52	Part 1 - CH1372 to CH1386  Bridge deck between CH1351-1386	102 days 64 days	102 days 64 days	NA NA	NA NA	July 7, 2021 July 7, 2021	November 5, 2021 September 19, 20.		November 9, 2021 September 20, 20		days days	0 days 0 days	Bridge deck between CH1351-1386
53	Falsework erection	7 days	7 days	NA	NA NA	July 7, 2021	July 14, 2021	July 7, 2021	July 14, 2021			0 days 0 days	Fa sework erection
54	Structure deck	28 days	28 days	NA	NA NA	July 15, 2021	August 16, 2021	July 15, 2021	August 16, 2021		-	L days 0 days	Structure deck
55	Prestressing	15 days	15 days	NA	NA			1 September 2, 2021			-	L days 0 days	Prestressing
56	Median barrier, utility through, parapet	24 days	24 days	NA	NA			September 20, 2021			days 1		Median barrier, utility through, parapet
57	Utility ducting laying (by others)	14 days	14 days	NA	NA	October 21, 2021	November 5, 2021	October 25, 2021	November 9, 2021	0% 0	days 1	L days 3 days	Utility ducting laying (by others)
58	Street furniture	14 days	14 days	NA	NA	October 21, 2021	November 5, 2021	October 21, 2021	November 5, 2021	0% 0	days 1	L days 0 days	Street furniture
59	Part 1 - CH1386 to CH1394 South Abutment	210 days	210 days	NA	NA	October 19, 2020	July 6, 2021	October 19, 2020	July 6, 2021	0% 0	days	0 days	Part 1 - CH1386 to CH1394 South Abutment
70	Pre-drilling Works	14 days	14 days	NA	NA	October 19, 2020	November 1, 2020	October 19, 2020	November 1, 2020	0% 0	days 1	L days 0 days	Pre-drilling W <mark>orks</mark>
1	Bored pile (8 numbers) @ CH1386. Prod. Rate:	96 days	96 days	NA	NA	November 2, 2020	February 27, 2021	November 2, 2020	February 27, 2021	0% 0	days 1	L days 0 days	Bored bile (8 numbers) @ CH1386 Prod. Rate: 12d/pile/rig.
'2	12d/pile/rig. Pile Testing	30 days	30 days	NA	NA	March 1, 2021	April 7, 2021	March 1, 2021	April 7, 2021	0% 0	days 1	L days 0 days	Pile Testing
3	Proof-drilling Works	7 days	7 days	NA	NA	February 28, 2021		April 1, 2021	April 7, 2021		days 0		Proof-arilling Works
4	Pile Loading Test	14 days	14 days	NA	NA	April 8, 2021	April 21, 2021	April 8, 2021	April 21, 2021		days 1		Pile Loading Test
· '5	Drive sheetpile (~900m) Prod. Rate: 10m/d/team	9 days	9 days	NA	NA	March 1, 2021	March 10, 2021	April 12, 2021	April 21, 2021		days 0		Prive sheetbile (~900m) Prod. Rate: 10m/d/team
'6	Excavation ~1,344m3 & lateral support. Prod. Rate:	9 days	9 days	NA	NA	April 22, 2021	May 3, 2021	April 22, 2021	May 3, 2021	0% 0	days 1	L days 0 days	i Ekcavation ~1,344m3 & lateral support. Prod. Rate: 160m:
	160m3/day/team												
7	Blinding layer	1 day	1 day	NA	NA	May 4, 2021	May 4, 2021	May 4, 2021	May 4, 2021		-	0 days	Blinding layer
'8	Base Slab	12 days	12 days	NA	NA	May 5, 2021	May 19, 2021	May 5, 2021	May 20, 2021		-	0 days	II. Wall (3.85m thk). Prod. Rate: 18d/bay/team
79	Wall (3.85m thk). Prod. Rate: 18d/bay/team	18 days	18 days	NA	NA	May 20, 2021	June 9, 2021	May 20, 2021	June 9, 2021		days 1		K Wall (0.5m trik). Prod. Rate: 180/bay/team
30	Wall (0.5m thk) Install bridge bearing	14 days	14 days 7 days	NA NA	NA NA	June 10, 2021 June 28, 2021	June 27, 2021 July 6, 2021	June 10, 2021 June 28, 2021	June 28, 2021 July 6, 2021		days 1 days 0		Install bridge bearing
31 32	South Approach Ramp - CH1394-1444.7 - Total 8 bays (4	7 days 682 days		NA NA	NA NA	October 21, 2019	February 7, 2022	August 11, 2020	March 1, 2022		days o	0 days 19 days	South Approach Ramp - CH1394-1444.7
02	bay/side)	ooz days	002 0075			0000001 21, 2015	1 CD1 dd1 y 7, 2022	August 11, 2020	17, 2022	22	uuys	13 days	
33	Ground Monitoring Works	14 days	14 days	NA	NA	October 21, 2019	November 3, 2019	August 11, 2020	August 24, 2020	0% 18	37 days 0	days 295 days	Ground Monitoring Works
4	Mobilization of plant and materials	10 days	10 days	NA	NA	May 9, 2020	May 20, 2020	August 25, 2020	September 4, 2020	0% 0 (	days 0	days 90 days	Mobilization of plant and materials
5	Foundation Construction	90 days	90 days	NA	NA	May 21, 2020		September 5, 2020				L day 90 days	Foundation Construction
6	Drive sheetpile (~240m) Prod. Rate: 10m/d/team	24 days	24 days	NA	NA	September 5, 2020		December 23, 2020			days 0	0.5 days 90 days	Drive sheetpile (-240m) Frod. Rate: 10m/d/team
7	Excavation ~2,688m3 & lateral support. Prod. Rate: 160m3/day/team	18 days	18 days	NA	NA	October 6, 2020	October 27, 2020	January 23, 2021	February 16, 2021	0% 0	days 0	0 days 90 days	Excavation ~ 2 688m 3 32 lateral support. Prod. Rate: 160m3/day/team
38	Blinding layer. Prod. Rate: 2bays/day	4 days	4 days	NA	NA	October 28, 2020	October 31, 2020	February 17, 2021	February 20, 2021	0% 0	days 0	) days 90 days	Blinding layer, Proc. Rate: 2bays/day
39	Base Slab Prod. Rate: 8d/bay/team	64 days	64 days	NA	NA	November 2, 2020	-	February 22, 2021			-	L day 90 days	Base Slab Prod. Rate: 8d/bay/team
0	Wall. Prod. Rate: 12d/bay/team	96 days	96 days	NA	NA	January 19, 2021	May 18, 2021	May 12, 2021	September 3, 2021			L day 90 days	Wall. Prod. Rate: 12d/bay/team
1	Backfilling ~4,765.89m3 within approach ramp to	30 days	30 days	NA	NA	May 20, 2021	June 24, 2021		October 11, 2021			0.5 days 90 days	Backfilling ~4,765.89m3 within approach ramp to form
_	formation level (160m3/day) considered time for SRT	24.1	24.1	N.A.		Name 1 2 22	December 2 222	Name I 6 222	Daniel Conn	00/	de.	L dave	
2	Placing of precast planting channel along approach ramp		24 days	NA	NA			November 6, 2021			•	L days 0 days	Placing of precast planting channel along app
93	Utility ducting laying (by others)	24 days	24 days	NA	NA NA			November 10, 2021			days 1		Utility ducting laying (by others)  Construct pedestrian street/ footpath
94	Construct pedestrian street/ footpath  Install central median	5 days	5 days	NA NA	NA NA			December 29, 2021			days 0		Construct pedestrian street/ rootpath
95 96	Concrete infill between profile barrier	5 days 5 days	5 days 5 days	NA NA	NA NA		December 15, 202		January 10, 2022 January 15, 2022		-	0 days 19 days 19 days	Concrete infill between profile barrier
70	Concrete mini between prome barrier	J udys	o udys	INA	INA	December 16, 2021	December 21, 202	i panuary 11, 2022	January 15, 2022	U/0 U (	days 0	days 19 days	Supercon prome danier
Revised Pr	9		М	anual Task	Duration	-only	Baseline Milestone	♦ Sum	nmary	Externa	al Tasks	Inactive Mi	filestone 🔷 Baseline Summary
ED/2018/0	1 with Progress   Critical Split   Split		St.	art-only [	Baseline		Milestone	♦ Mar	nual Summary	Externa	al Milestone	e 🔷 Inactive Su	ummary
	of 22-Sep-19 Critical Progress Task Prog			nish-only	Baseline :					Inactiv		Deadline	•

Ta	ask Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical	Free	Time Risk	Total	
			Duration							%	Slack	Allowance	es Slack 2019	2020 2021 2022 2023 2
7	Lay sub base	4 days	4 days	NA	NA	December 22, 2021	December 28, 2021	1 January 17 2022	January 20, 2022	Complete 0%	0 days	(TRA) 0 days	19 days	H2
3	Road pavement	7 days	- '	NA	NA	December 29, 2021		January 21, 2022	January 28, 2022			0 days	19 days	Road pavement
)	Install railing on top of retaining wall	24 days	- '	NA	NA	January 7, 2022	February 7, 2022	January 29, 2022	March 1, 2022			0.5 days	19 days	Install railing on top of retaining wall
)	Part 1 - Road D3 CH1444.7-1560	69 days	69 days	NA	NA	December 4, 2021	March 1, 2022	December 4, 2021	March 1, 2022	0%	0 days		0 days	Part 1 - Road D3 CH1444.7-1560
1	Trim road formation	3 days	3 days	NA	NA	December 4, 2021	December 7, 2021	December 4, 2021	December 7, 2021	0%	0 days	0 days	0 days	Trim road formation
2	Utility ducting laying (by others)	14 days		NA	NA	December 8, 2021	December 23, 2021	1 December 8, 2021	December 23, 202	1 0%	0 days	1 days	0 days	Utility ducting laying (by others)
3	Lay sub base	12 days		NA	NA	December 24, 2021	, .	December 24, 2021	January 10, 2022			0 days	0 days	Lay sub base
4	Lay kerb	7 days	- '	NA NA	NA NA	January 11, 2022	January 18, 2022	January 11, 2022	January 18, 2022			0 days	0 days	Lay kerb Construct pedestrian street/ fpotpath
5 6	Construct pedestrian street/ footpath Install central median	10 days 7 days	, ,	NA NA	NA NA	January 19, 2022 January 31, 2022	January 30, 2022 February 10, 2022	January 19, 2022 January 31, 2022	January 31, 2022 February 10, 2022		0 days 0 days	0 days	0 days	Install central median
17	Concrete infill between profile barrier	5 days		NA	NA	February 11, 2022	February 16, 2022		February 16, 2022			0 days	0 days	Concrete infill between profile barrier
18	Road pavement	5 days		NA	NA			February 17, 2022	February 22, 2022			0 days	0 days	Road pavement
)9	Install street furniture	6 days	6 days	NA	NA	February 23, 2022	March 1, 2022	February 23, 2022	March 1, 2022	0%	0 days	0 days	0 days	Install street furniture
.0	Underpass and Depressed Road	739 days	733.65 days	September 3, 2019	9 NA	September 3, 2019	March 1, 2022	September 3, 2019	May 29, 2024	0%	668 days		668 days	Underpass and Depressed Road
.1	North Depressed Rd (CH1560-1720) - 8 bays	413 days		September 3, 2019		September 3, 2019		September 3, 2019	March 1, 2022	0%	326 days		326 days	North Depressed Rd (CH1560-1720) - 8 bays
2	Ground Monitoring Works	17 days				19 September 3, 2019		<u> </u>	September 19, 201		0 days		0 days	Ground Monitoring Works
3	Mobilization  Complete the Diveration of Existing Overhang Cable	7 days		NA NA	NA NA	October 8, 2019 October 15, 2019	October 15, 2019 October 15, 2019	June 15, 2020 June 23, 2020	June 22, 2020 June 23, 2020			0 days	203 days	Mobilization     Complete the Diveration of Existing Overhans Cable along the North Depressed Rd
.4	along the North Depressed Rd	0 days	0 udys	IVA	IVA	October 15, 2019	October 15, 2019	Julie 23, 2020	Julie 23, 2020	076	1 day		252 days	The state of the s
L5	Drive Sheet Pile (380m) Prod. Rate 10m/team/day	38 days	38 days	NA		October 16, 2019	November 28, 2019	9 June 23, 2020	August 7, 2020	0%	0 days	1 days	203 days	Drive Sheet Pile (380m) Prod. Rate 10m/team/day
6	Pumping Test	21 days		NA	NA	November 29, 2019			September 1, 2020		0 days		203 days	Pumping Test
7	CH1560 - CH1640	264 days		NA	NA		· · · · · · · · · · · · · · · · · · ·	0 September 2, 2020	December 16, 202		203 days		203 days	CH1560 - CH1640
8	Excavation - Prod Rate: 240m3/d/team. (~26,663m3). 1 team	112 days	112 days	NA	NA	December 24, 2019	ıvıay 15, 2020	September 2, 2020	January 16, 2021	U% (	0 days	T gays	203 days	Excavation - Prod Rate: 240m3/c/team. (~26,663m3). 1 team
9	Rock fill - Prod. Rate: 160m3/d/team (1,807m3)	12 days	12 days	NA	NA	May 14, 2020	May 27, 2020	January 15, 2021	January 28, 2021	0%	0 days	1 days	203 days	Rock fill - Prod. Rate: 1(ii)m3/d/team (1,807m3)
0	Blinding	1 day	1 day	NA	NA	May 28, 2020	May 28, 2020	January 29, 2021	January 29, 2021	0%	0 days	0 days	203 days	Blinding
1	Base Slab - 4 bays. Prod. Rate: 14d/team/bay include	56 days	56 days	NA	NA	May 29, 2020	August 4, 2020	January 30, 2021	April 12, 2021	0%	0 days	3 days	203 days	Base Slab + 4 bays: Proc. Rate: 14d/team/bay include pipe laying. 1 team
2	pipe laying. 1 team Wall - 4 bays. Prod. Rate: 14d/bay/team. 1 team	56 days	56 days	NA	NA	July 3, 2020	September 5, 2020	June 26, 2021	August 31, 2021	0%	0 days	3 days	292 days	Wall - 4 bays. Prod. Rate: 14d/bay/team. 1 team
3	Emergency walkway & median barrier installation	18 days		NA	NA	September 7, 2020	· ·		November 1, 2021		0 days		324 days	Emergency walkway & median barrier installation
1	Utility ducting laying (by others)	10 days	10 days	NA	NA	September 28, 2020	October 10, 2020	November 2, 2021	November 12, 202	1 0%	0 days	0 days	324 days	Utility ducting laying (by others)
5	Pavement work	5 days	5 days	NA	NA	October 12, 2020	October 16, 2020	November 13, 2021	November 18, 202	1 0%	0 days	0 days	324 days	Ravement work
6	Parapet installation	24 days	- '	NA	NA	October 17, 2020		0 November 19, 2021				0.5 days	324 days	Rarapet installation
7	CH1640 - CH1720	208 days		NA	NA	May 16, 2020	January 22, 2021	January 18, 2021	March 1, 2022		203 days		203 days	CH1640 - CH1720  Excavation - Proc Raile: 240 in 3/d/team. 1 team (10,926 m3) (Remaining)
8	Excavation - Prod Rate: 240m3/d/team. 1 team (10,926m3) (Remaining)	46 days	46 days	NA	NA	May 16, 2020	July 10, 2020	January 18, 2021	March 15, 2021	0%	0 days	1 days	203 days	Excavation - Proc Ivalie: 245/13/d/team. 1 team (10,526/13) (Remaining)
29	Rock fill - Prod. Rate: 160m3/d/team (2,203m3)	20 days	20 days	NA	NA	July 11, 2020	August 3, 2020	March 16, 2021	April 10, 2021	0%	0 days	1 days	203 days	Rock fill - Prod. Rate: 160m3/d/team (2,203m3)
0	Blinding	1 day	1 day	NA	NA	August 4, 2020	August 4, 2020	April 12, 2021	April 12, 2021	0%	0 days	0 days	203 days	Blinding
1	Base Slab - 4 bays . Prod. Rate: 14d/team/bay include	56 days	56 days	NA	NA	August 5, 2020	October 10, 2020	April 13, 2021	June 19, 2021	0%	0 days	2 days	203 days	Base Slab - 4 bays . Prod. Rate: 14d/team/bay include pipe laying. 1 tear
2	pipe laying. 1 team Wall - 4 bays. Prod. Rate: 14d/bay/team. 1 team	56 days	56 days	NA	NA	September 7, 2020	November 13, 2020	0 September 1, 2021	November 8, 2021	0%	0 days	2 days	292 days	Wall - 4 bays Prod. Rete: 14d/bay/team. 1 team
3	Backfill & extract sheet pile (CH1560 to CH1720)	12 days	12 days	NA	NA	November 14, 2020	November 27, 2020	0 December 3, 2021	December 16, 202	1 0%	21 days	1 day	313 days	K-Backfill & extract sheet pile (CH1560 to CH1720)
4	Access Allow for EMSD Third District Cooling System	0 days	0 days	NA	NA	November 27, 2020	November 27, 2020	0 March 1, 2022	March 1, 2022	0%	459 days		459 days	Access Allow for EMSD Third District Cooling System Constractor for
5	Constractor for CH1560-CH1720 Pipe Laying Emergency walkway & median barrier installation	18 days	18 days	NA	NA	November 14, 2020	December 4 2020	November 9, 2021	November 29, 202	1 0%	0 days	0 days	292 days	Emergency walkway & median barrier installation
6	Utility ducting laying (by others)	10 days		NA	NA		· · · · · · · · · · · · · · · · · · ·	November 30, 2021			0 days		292 days	Utility ducting laying (by others)
7	Pavement work	5 days		NA	NA	December 17, 2020	December 22, 2020	December 11, 2021	December 16, 202		0 days		292 days	, 🛪 Pavement world
8	Parapet installation	24 days	24 days	NA	NA	December 23, 2020	January 22, 2021	December 17, 2021	January 17, 2022	0%	243 days	0.5 days	292 days	Parapet-installation
9	Underpass (CH1720-1850) - 7 bays	635 days	635 days	NA	NA	September 23, 20	November 11, 202	1 March 19, 2020	May 29, 2024	0%	145 days		145 days	Underpass (CH1720-1850) - 7 bays
0	Ground Monitoring Works	14 days		NA	NA	September 23, 2019		March 19, 2020	April 1, 2020		0 days		178 days	Ground Monitoring Works
1	Drive sheet pile (330m) Prod. Rate 10m/team/day	33 days	, .	NA	NA	November 29, 2019		September 26, 2020			212 days		245 days	Drive sheet pile (330m) Prod. Rate 10 m/team/day
2	Pumping Test  CH1720 - CH1800	21 days	- '	NA NA	NA NA	September 26, 2020			December 1, 2020 May 29, 2024		0 days 53 days	1 uays	33 days	Pumping Test CH1720 - CH1800
3	Excavation - Prod Rate: 240m3/d/team. 1 team	255 days 114 days	, .	NA NA	NA NA	September 28, 20 October 23, 2020	March 12, 2021	December 2, 2020  December 2, 2020	April 23, 2021		0 days	5 days	53 days 33 days	Excavation - Prod Rate: 240m3/d/team. 1 team (27,220m3)
	(27,220m3)									,	,5	,5		
5	Rock fill - Prod. Rate: 160m3/d/team (1,944m3)	13 days	, ,	NA	NA	March 3, 2021	March 17, 2021	June 3, 2021	June 18, 2021			0 days	74 days	Rock fill - Frod. Rate: 160m3/d/team (1,944m3)
6	Blinding	1 day	· '	NA	NA	March 18, 2021	March 18, 2021	June 19, 2021	June 19, 2021			0 days	74 days	Blinding  Base Sab - 4 bays. Prod. Rate: 14d/team/bay include pipe
7	Base Slab - 4 bays. Prod. Rate: 14d/team/bay include pipe laying. 1 team	ob days	56 days	NA	NA	March 19, 2021	May 28, 2021	June 21, 2021	August 25, 2021	U%	0 days	1 day	74 days	include pipe
3	Wall - 4 bays. Prod. Rate: 14d/bay/team. 1 team	56 days	56 days	NA	NA	April 24, 2021	July 2, 2021	August 12, 2021	October 19, 2021	0%	0 days	1 day	90 days	Wall - 4 bays. Prod. Rate: 14d/bay/team. 1 team
9	Top Slab - 4 bays. Prod. Rate: 10d/bay/team. 1 team	40 days	40 days	NA	NA	May 29, 2021	July 16, 2021	September 14, 2021		0%	41 days	0.5 days	90 days	Top Slab - 4 bays. Prod. Rate: 10d/bay/team. 1 team
0	Emergency walkway & median barrier installation	18 days	, ,	NA	NA	July 20, 2021	August 9, 2021	May 8, 2024	May 29, 2024		834 days		834 days	Emergency walkway & median barrier installation
L	Utility ducting laying (by others)	10 days	, ,	NA	NA	September 28, 2020		November 2, 2021	November 12, 202		0 days		324 days	Utility ducting laying (by others)
2	Pavement work CH1800 - CH1850	5 days		NA NA	NA NA	October 12, 2020 March 13, 2021	October 16, 2020 November 11, 202	December 2, 2021	December 7, 2021 March 1, 2022		291 days	o days	340 days 33 days	CH1800 - CH1850
3	Excavation - Prod. Rate: 240m3/d/team. 1 team	<b>199 days</b> 82 days		NA NA	NA NA	March 13, 2021 March 13, 2021	June 23, 2021	April 24, 2021 April 24, 2021	August 2, 2021		33 days 0 days	1 days	33 days	Excavation - Prod. Rate: 240m3/d/team. 1 team (19,656)
	(19,656m3)		,								•			
5	Rock fill - Prod. Rate: 160m3/d/team (1,525m3)	10 days	, .	NA	NA	June 16, 2021	June 26, 2021	July 26, 2021	August 5, 2021			1 days	33 days	Rock fill - Prod. Rate: 160m3/d/team (1,525m3)
6	Blinding	1 day	1 day	NA	NA	June 28, 2021	June 28, 2021	August 6, 2021	August 6, 2021	0%	0 days	0 days	33 days	
Revise	ed Programme- Critical Task	_	Ma	anual Task	Duration-	-only	Baseline Milestone	♦ Sum	mary	Exte	rnal Tasks		Inactive Mile	lestone ♦ Baseline Summary
ED/20	18/01 with Progress Critical Split S		Sta	art-only [	Baseline		Milestone	♦ Man	ual Summary	Exte	rnal Milesto	one ♦	Inactive Sum	mmary

Task N	Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	vised Programme with Late Start	Late Finish	Physical	1	Time Risk	Total											
			Duration							%	Slack	Allowance	es Slack 2019	1	202		112	2021	115	2022		2023		202
'	Base Slab - 3 bays. Prod. Rate: 14d/team/bay include	42 days	42 days	NA	NA	June 29, 2021	August 17, 2021	August 26, 2021	October 16, 2021	Complete 0%	0 days	(TRA) 2 days	49 days	1 H Sun Septe	mber 22	H1	H2	H1	H2	se Slab - F	11 bays. Pro	H2 H1 I Rate: 14d/te	eam/bay	include pi
	pipe laying. 1 team																					1 4 4 /		*****
		42 days	,.	NA	NA	August 2, 2021		1 September 29, 2021			- '	1 days	49 days								T	late: 14d/bay/		
		30 days	30 days	NA	NA NA	September 3, 2021	· ·	November 3, 2021	December 7, 2021		- '	1 days	49 days							TT 1	-	rod. Rate: 10d heet pile (CHI	11111	
	Backfill & extract sheet pile (CH1720 to CH1850)  Access Allow for EMSD Third District Cooling System	12 days	12 days 0 days	NA NA	NA NA		October 25, 2021 October 25, 2021	December 8, 2021	December 21, 2021 March 1, 2022	0%	0 days 127 days	0 days	49 days 127 days								1 111 1	MSD Third Di	1111	
	Constractor for CH1720-CH1850 Pipe Laying	o days	o days	IVA	140	October 25, 2021	October 23, 2021	Widi Cii 1, 2022	Widi Cii 1, 2022	070	127 days		127 days								1			Jg 2,5
	Utility ducting laying (by others)	10 days	10 days	NA	NA	October 26, 2021	November 5, 2021	December 22, 2021	January 5, 2022	0%	0 days	1 day	49 days									ing (by others	s)	
	Pavement work	5 days	5 days	NA	NA	November 6, 2021	November 11, 2021	January 6, 2022	January 11, 2022	0%	0 days	1 day	49 days							Pavem	ent w <mark>ork</mark>			
l l	Underpass & South Depressed Road CH1850-2000 - 7 bays	650 days	650 days	NA	NA	October 7, 2019	December 11, 2021	April 2, 2020	February 14, 2022	0%	49 days		49 days							Und	erpass & Sc	outh Depresse	ed Road (	CH1850-2
	Ground Monitoring Works	14 days	14 days	NA	NA	October 7, 2019	October 20, 2019	April 2, 2020	April 15, 2020	0%	0 days	0 days	178 days	-			ring Wo							
	<u> </u>	15 days		NA	NA	January 29, 2020	February 14, 2020	April 16, 2020			35 days		63 days			Mobiliz			materials					
		90 days	90 days	NA	NA	March 27, 2020	July 18, 2020	May 6, 2020	,		0 days		28 days						truction					
		6 days	6 days	NA	NA	July 15, 2020	July 21, 2020	August 17, 2020		0%	0 days		28 days				11 11 1		1		sheet pile)			
9	Drive sheet pile ( 360m) Prod. Rate 10m/team/day	36 days	36 days	NA	NA	July 22, 2020	September 1, 2020	August 24, 2020	October 6, 2020	0%	0 days	0.5 days	28 days				Driv	e sneet p	i€ ( sbum,	Prod. Hat	te 10m/tear	п/фау		
)	Pumping Test	21 days	21 days	NA	NA	September 2, 2020	September 25, 2020	October 7, 2020	October 31, 2020	0%	0 days	0 days	28 days				<b>≱</b> Pui	mping Te	st					
L		349 days	349 days	NA	NA			November 2, 2020	January 28, 2022	0%	28 days	,	28 days							CHIE	350 - CH192	.0		
2	Excavation - Prod. Rate: 240m3/d/team. 1 team	96 days	96 days	NA	NA	September 26, 2020	January 22, 2021	November 2, 2020	February 27, 2021	0%	0 days	1 day	28 days					Exca	ration - Pr	oc Rate:	240m <mark>3/d/t</mark>	eam. 1 team (	(23,154m	ı <b>3</b> )
	(23,154m3)																			.				
3		11 days	11 days	NA	NA	January 16, 2021	January 28, 2021	February 22, 2021	March 5, 2021		- '	0 days	28 days							. Rate: 16	0m3/d/tear	m (1,745m3)		
1	-	1 day	1 day	NA	NA	January 29, 2021	January 29, 2021	March 6, 2021	March 6, 2021			0 days	28 days					Blin		الل الله		4 4 4 4		mime le .
5	Base Slab - 3 bays. Prod. Rate: 14d/team/bay include	42 days	42 days	NA	NA	January 30, 2021	March 23, 2021	March 8, 2021	April 28, 2021	0%	0 days	0.5 days	28 days						ase slab	s pays. Pr	oa. Rate: 1	4d/team/bay	include p	ipe layin
5	pipe laying. 1 team Wall - 3 bays. Prod. Rate: 14d/bay/team. 1 team	42 days	42 days	NA	NA	March 8, 2021	April 28, 2021	September 29. 2021	November 18, 2021	0%	0 days	0.5 days	168 days						Wall - 3	Prod	Rate: 14d	/bay/team. 1	team	
	,	,	,			-, ,	,				.,-	1-	, , .											
7	Top Slab - 3 bays. Prod. Rate: 10d/bay/team. 1 team	30 days	30 days	NA	NA	April 13, 2021	May 18, 2021	November 3, 2021	December 7, 2021	0%	0 days	0.5 days	168 days					│ <mark>│</mark> ║╫ <b>┾</b> ■	Top Sa	J B bays.	Prod. Rate	: 10d/bay/tea	am. 1 tea	m
,	Emergency walkway 9, median harries installation	18 daye	19 days	NΑ	NA	lune E 2021	lune 26, 2021	December 24, 2024	January 17, 2022	0%	110 do	0 daye	168 days								kway & m	dian barrier in	installatio	on
3	Emergency walkway & median barrier installation	18 days	18 days	NA	NA	June 5, 2021	June 26, 2021	December 24, 2021	January 17, 2022	U76	119 days	o uays	168 days							TILLY WAIT	way & me	Jan Janier II		••
9	Utility ducting laying (by others)	10 days	10 days	NA	NA	September 28, 2020	October 10, 2020	November 2, 2021	November 12, 2021	L 0%	0 days	0 days	324 days				<b>*</b> u	tility duct	ing laying	(ky other:	5)			
)	Pavement work	5 days	5 days	NA	NA	November 12, 2021	November 17, 2021	January 12, 2022	January 17, 2022	0%	0 days	0 days	49 days							Paven	nent work			
	Parapet installation	10 days	10 days	NA	NA	November 18, 2021	November 29, 2021	January 18, 2022	January 28, 2022	0%	0 days	0 days	49 days							Parap	et in <mark>s</mark> tallati	on		
	CH1920 - CH2000	359 days	359 days	NA	NA	September 28, 20	December 11, 2021	April 14, 2021	February 14, 2022	0%	49 days		49 days				-	-		Chil	920 - CH20	30		
	Excavation - Prod. Rate: 240m3/d/team. 1 team	68 days	68 days	NA	NA	January 23, 2021	April 19, 2021	April 14, 2021	July 6, 2021	0%	0 days	1 day	63 days					****	Excavatio	n - Prod. F	Rate: 240m	3/d/team. 1 te	tearn (16,	396m3)
	(16,396m3)									00/	0.1	0.1	50.1											
	<del>-</del>	1 day	1 day	NA	NA	April 20, 2021	April 20, 2021	July 7, 2021	July 7, 2021	0%		0 days	63 days						Billioning Bases &	المام	r Drod Da	te: 14d/team/	/hay incl	udo nino
5	Base Slab - 4 bays. Prod. Rate: 14d/team/bay include pipe laying. 1 team	56 days	56 days	NA	NA	March 24, 2021	June 2, 2021	April 29, 2021	July 7, 2021	0%	0 days	1 day	28 days						a case 3	зи т 4 бау	S. FIUU. Na	e. 14u/ team/	, Day IIICIC	ide bibe
5		56 days	56 days	NA	NA	April 13, 2021	June 19, 2021	July 10, 2021	September 13, 202	1 0%	0 days	1 day	72 days						wall •	4 bays. P	rod. Rate: 1	.4d/bay/team	n. I team	
																								•
7	· · · · · · · · · · · · · · · · · · ·	18 days	, .	NA	NA	June 21, 2021	July 12, 2021	September 14, 2021	·	0%	0 days		72 days									ile (CH1850 to		
3	Emergency walkway & median barrier installation	18 days	18 days	NA	NA	June 21, 2021	July 12, 2021	January 8, 2022	January 28, 2022	0%	117 days	0 days	166 days						Entic	gency wa	ikway & m	edian barrier	installati	on
)	Utility ducting laying (by others)	10 days	10 days	NA	NA	September 28, 2020	October 10, 2020	November 2, 2021	November 12, 2021	0%	0 days	0 days	324 days				_ ¥ U1	tility duct	ing laying	(by other	s)			
)	Pavement work	5 days	5 days	NA	NA	October 12, 2020	October 16, 2020	January 24, 2022	January 28, 2022	0%	333 days	0 days	382 days				<b>¥</b> P;	avement	work,					
L	Parapet installation	11 days	11 days	NA	NA	November 30, 2021	December 11, 2021	January 29, 2022	February 14, 2022	0%	21 days	0 days	49 days							Parar	pet in <mark>stal</mark> lat	ion		
2	South Depressed Road CH2000-2060 - 3 bays	671 days	671 days	NA	NA	October 21, 2019	January 21, 2022	May 30, 2020	February 26, 2022	0%	28 days		28 days							Sr	outh Depre	ssed Road CH	12000-200	60 - 3 bay
	Ground Monitoring Works	14 days	14 days	NA	NA	October 21, 2019	November 3, 2019	May 30, 2020	June 12, 2020	0%	211 days	0 days	222 days	-	Groun	n <mark>d M</mark> oni	oring Wo	orks						
	Mobilization of plant and materials	12 days	12 days	NA	NA	June 2, 2020	June 15, 2020	June 13, 2020	June 27, 2020	0%	0 days	0 days	10 days				Mobilizat	tion of pl	nt and m	aterials				
	Foundation Construction	90 days	90 days	NA	NA	June 16, 2020	September 30, 2020	December 18, 2020	April 12, 2021	0%	72 days	0.5 days	154 days				Fo	undation	Construct	ion				
i	Mobilization of plant and material (sheet pile)	5 days	5 days	NA	NA	December 30, 2020	January 5, 2021	April 13, 2021	April 17, 2021	0%	0 days	0 days	82 days					TO 11111			material (s			
7	Drive sheet pile (180m) Prod. Rate 10m/team/day	18 days	18 days	NA	NA	January 6, 2021	January 26, 2021	April 19, 2021	May 10, 2021	0%	0 days	0 days	82 days					<b>E</b> Driv	sheet pil	≟ (180m) ľ	Prod. Rate	10m/team/da	зу	
3	Pumping Test	21 days	21 days	NA	NA	January 27, 2021	February 23, 2021	May 11, 2021	June 4, 2021	0%	0 days	0 days	82 days					Pu	mpi <b>ng</b> Tes	<b>4</b>				
9		38 days	38 days	NA	NA	February 24, 2021	April 12, 2021	June 5, 2021	July 21, 2021	0%	0 days	0.5 days	82 days						Excavatio	ı  Prod P	ate: 240m?	3/d/team. 1 te	ean (8,95	i6m3)
	(8,956m3)	1 day	1 day	NA	NA	April 12, 2021	April 12, 2021	July 22, 2024	July 22, 2024	0%	41 da	0 days	92 days						Blinding					
)	<del>-</del>	1 day	1 day	NA NA	NA NA	April 13, 2021	April 13, 2021	July 22, 2021	July 22, 2021		41 days	•	82 days			$\  \  \ $			1	a Hilah	bays Dro	Rate: 14d/tea	am/bay i-	nclude ni
<u> </u>	Base Slab - 3 bays. Prod. Rate: 14d/team/bay include pipe laying. 1 team	→U udys	40 days	IVA	INA	June 3, 2021	July 21, 2021	July 23, 2021	September 7, 2021	0/0	0 days	0.5 days	41 days						Jess Jess		104.	J.C. I-Tu/ tea		.s.uue pi
2	, 0	42 days	42 days	NA	NA	June 21, 2021	August 9, 2021	November 24, 2021	January 14, 2022	0%	0 days	0.5 days	130 days						<b>           </b>	ıII - 3 bayı	. Prod. Rat	e: 14d/bay/te	eam. 1 tea	am
	Backfill & extract sheet pile	12 days	12 days	NA	NA	August 10, 2021	August 23, 2021	January 28, 2022	February 14, 2022	0%	113 days	0 days	141 days						<del>                            </del>		xtract sheet	IIT I		
	Emergency walkway & median barrier installation	18 days	18 days	NA	NA	August 10, 2021	August 30, 2021	January 15, 2022	February 8, 2022	0%	102 days	0 days	130 days									median barri	rier instal	lation
	Utility ducting laying (by others)	10 days	10 days	NA	NA	September 28, 2020	October 10, 2020	November 2, 2021	November 12, 2021	1 0%	0 days	0 days	324 days				🚆 🌌 U1	tility duct	ing laying	(by other:	·			
	Pavement work	5 days	5 days	NA	NA	January 4, 2022	January 8, 2022	February 9, 2022	February 14, 2022		0 days	0 days	28 days								ement wor			
	·	11 days	11 days	NA	NA	January 10, 2022	January 21, 2022	February 15, 2022	February 26, 2022		27 days	0 days	28 days							71	rapet instal			
		208 days	- '	NA	NA	June 19, 2021		November 22, 2021			1 day		1 day									load D3 CH20	J60-2118.	.93
		50 days	50 days	NA	NA	June 19, 2021	August 17, 2021		January 21, 2022			0 days	129 days								ng laying (b	y others)		
		2 days	2 days	NA	NA	August 18, 2021	August 19, 2021	January 22, 2022	January 24, 2022		0 days		129 days							ird road fo				
L		4 days	4 days	NA	NA	August 20, 2021	August 24, 2021	January 25, 2022	January 28, 2022		0 days		129 days							ny sub base	e			
2	•	5 days	5 days	NA	NA	August 25, 2021	August 30, 2021	January 29, 2022	February 7, 2022			0 days	129 days							ay ikerb				
3		6 days	6 days	NA	NA	August 31, 2021	September 6, 2021		February 14, 2022			0 days	129 days								1 111 1	street/ footpa	atn	
1	Install central median	4 days	4 days	NA	NA	September 7, 2021	September 10, 202	1 February 15, 2022	February 18, 2022	0%	0 days	0 days	129 days		ЩЩ					ışıbii cenf	tral m <mark>edia</mark> n			
Revised Pro	ogramme- Critical Task		M	anual Task	Duration	only	Baseline Milestone	⇒ Sum	nmary	Ext	ternal Tasks		Inactive M	lilestone 🔷		Baselir	e Summary	L						
	1 with Progress Critical Split Split		Sta	art-only	Baseline		■ Milestone	<b>♦</b> Man	nual Summary	Ext	ternal Milesto	one 🔷	Inactive Su	ummary		1	•							
	of 22-Sep-19 Critical Progress Task Progre					Split																		

Description	F		L .	1	I		_	ised Programme with		· ·		L									
Second	Task Name	Duration	3	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	-				2020		2021		2022	2023		2024
The parameter   The paramete			Daration												1			H1	H2 H	1 H2	H1
20   Control	-		_ · ·											n September 22			Con			rrier	
Martin   M																		11. 11			
10			· ·																	or Section 1	
10   10   10   10   10   10   10   10	-											Judys	· ·				Section 2		Jonation it		
Mathematical   Math												1 day				Construction	of Frecast B	ox Culvert (a	t fabrication yar	d)	
Mathematical   Math		200															mere consul	atau lataka B	and College of (Drage		
Mary								, , ,					-			Part 2	in		ox Culvert (Preca	151)	
Mark		· ·							• '			1 days	-		T			n (33)			
Section   Property   Company   Com													· ·		<del>                      </del>	1. 11.11					
1				NA	NA					0%	-					Lowering	precast box	culvert (7 ce	lls)		
Description   Part   Section   Part   Section   Sectio	726 Remove struts and backfilling	26 days	26 days	NA	NA	November 27, 2020	December 29, 2020	December 9, 2020	January 11, 2021	0%	0 days	1 days	10 days			놀 Remov	e struts and	ackfilling			
The State State State   Stat	727 Part 1 - CHB.5-30 (25m)	117 days	117 days	NA	NA	December 30, 2020	May 25, 2021	January 12, 2021	June 1, 2021	0%	6 days		6 days					,	)		
Control   Cont													-								
Manus								, .				'	· ·			11			vort (8 colls)		
10   10   10   10   10   10   10   10			- '																		
100   100												'							TI I		
14   10   10   10   10   10   10   10																		ection 3			
Mathematical Control		291 days	291 days	NA	NA	June 16, 2020	June 8, 2021	June 20, 2020	May 29, 2024	0%	4 days		4 days					Lift LT3 & LT	4		
10   10   10   10   10   10   10   10		22 days	22 days	NA		June 16, 2020	July 13, 2020	June 20, 2020	July 17, 2020	0%	0 days	1 days	4 days					erials			
1.							· ·						<u> </u>		l l l						
Mary			- '					· · · · · · · · · · · · · · · · · · ·	· ·			'				Slab and sh		Notion			
The control of the			- '													l ife		11111 11			
Mile			-									J udys	-					1			
1.			/ -																r Lift Inspection		
Testing A commission   2   Case   3   Case   1   Case				NA				· · · · · · · · · · · · · · · · · · ·								<b>               </b>	MSD Lift Insp	ection			
Companie	743 Issuance of Lift Use Permit	0 days	0 days	NA	NA	March 29, 2021	March 29, 2021	November 2, 2021	November 2, 2021	0%	213 days		218 days			<b>\$ 1</b>	ssuance of Li	ft Use Permit	:		
1.	744 Testing & commissioning	21 days	21 days	NA	NA	May 14, 2021	June 8, 2021	May 20, 2021	June 12, 2021	0%	0 days	1 days	4 days				🏬 Testing &	commissioni	ng		
Part   Section		-	- '								0 days	1 days	4 days					h			
Act									· · · · · · · · · · · · · · · · · · ·			'	<u> </u>					T			
## Part 4 Absolution of statistics   1.5 cm   1.												U days	· ·				•	lailleu Colli	Sietion for Section	Section 4 (	Subject to
Fig.   Setting		· ·							• •			9 days	-						•	Part 2E - Al	•
Section   Sect			'									,-	-							Planned Co	mpletion
18.6   St.				NA	NA												Section	5			
March   Sector   Feature   Sector   S	Noise barrier fronting to 4B5 at Rd D3A & Bus Lay By ~120n	n 303 days	303 days	NA	NA	June 20, 2020	June 28, 2021	June 27, 2020	July 5, 2021	0%	5 days		5 days				Naise b	arrier fronting	g to 4B5 at Rd D	3A & Bus Lay B	/ ~120m
March   Sector   Feature   Sector   S	752 FLS & Excavation	33 days	33 days	NΔ	NΔ	lune 20, 2020	July 30, 2020	lune 27, 2020	August 5, 2020	0%	0 days	2 days	5 days		FLS	& Excavatio	n				
Female   F																		on			
Paramed Completion for Section 5   Collago								- ·	· · · · · ·										ation (Night Wo	rk)	
Femoling (Sary) (8 Absorbing prection (19m/g)   91 days   91 day		0 days	0 days	NA	NA	June 28, 2021	June 28, 2021	July 5, 2021				0 days	-				<b>ĕ</b> Planned	Completion	for Section 5		
February   1.5 m/g   February   1.5 m/g   1.	757 Section 6	1202 days	1198.4 days	May 16, 2019	NA	May 16, 2019	May 30, 2023	May 16, 2019	May 29, 2024	0%	297 days		297 days							Section 6	
Maximum   Maxi	758 Fencing (15m/d) & Hoarding Erection (10m/d)	919 days	-		NA	October 8, 2019	November 8, 2022	November 9, 2019	May 29, 2024				28 days						Fencin/	g (15m/d) & H	arding Er
Ferring   Part 2A (+458m)   4 team							· · · · · · · · · · · · · · · · · · ·														
Ferring - Part 28 (-132m)														Hoard			-458m)	am			
February 1, 2021   February 1,													-		THE STATE OF THE S	-					
Hoarding - Part 2C (**16m)			,													FI II II II					
Hoarding - Part 2 E (-37m)			,										-		Hoard	-	T				
Fencing - Part 3D (*29m)  2 days 2 days NA NA December 2, 2019 December 9, 2019 March 17, 2020 March 18, 2020 0% 40 days 0 days 80 days 95 day				NA	NA														Hoarding	- Part 2E (~37r	1)
Fencing - Part 3E (-23m)  2 days 2 days NA NA December 7, 2019 December 9, 2019 March 17, 2020 March 18, 2020 0% 70 days 0 days 80 days 95 days 70 days 0 days 95 days 80 days 80 days 95 days 95 days 80 days 95 days 80 days 95 days 80 days 95 days 95 days 80 days 95 days 80 days 95 days 80 days 95 days 95 days 80 days 95 days 95 days 80 days 95 days 80 days 95 days 80 days 95 days 95 days 95 days 80 days 95 days 95 days 95 days 80 days 95 days 95 days 95 days 95 days 80 days 95 days 80 days 95 days	766 Fencing - Part 3A (~326m)	22 days	22 days	NA	NA	October 14, 2022	November 8, 2022	February 7, 2023	March 3, 2023	0%	0 days	0.5 days	95 days						Fencinç	ı - Part 3A (~32	m)
Fencing - Part 3F (*62m)  5 days  5 days  NA  NA  October 8, 2022  October 13, 2022  February 1, 2023  February 1, 2023  February 6, 2023  Office office - Part 3G (*69m)  5 days  5 days  S days  NA  NA  December 2, 2019  December 2, 2019  December 3, 2019  March 14, 2020  March 16, 2020  Office office - Part 3G (*19m)  To pencing - Part 4 (*180m)  12 days  13 days  14 days  15			- '										,		TII III I	.     .					
Fencing - Part 3G (~69m)  5 days  5 days  NA  NA  December 2, 2019  December 3, 2019  December 3, 2019  March 11, 2020  March 16, 2020  March														Fenci	ng - Part 3E	(~23m)				Daret 25 ( C2	
771 Fencing - Part 31 (*19m) 2 days 2 days NA NA NA December 2, 2019 December 3, 2019 March 14, 2020 March 16, 2020 0% 3 days 0 days 83 days 77 days 0 days 1855 d 77 days 0 days 1855 d 78 days 185 d											-			Eonei	ng . Dar+ 2C	(~69m)			Fencing -	ran: 3F (~62m	
Fencing - Part 4 (*180m)  12 days  12 days  12 days  NA  NA  NA  November 1, 2021  November 2, 2021  NA  NA  November 2, 2024  NA  NA  November 2, 2019  November 2, 2019  Nay 25, 2024  Nay 27, 2024  Nay 27, 2024  Nay 27, 2024  Nay 27, 2024  Nay 28, 2024  Nay 29, 2024														I IIII NI	MII III I	-     -					
Fencing - Part 6A (~19m)  2 days 2 days NA NA November 1, 2019 November 2, 2019 November 3, 2019 November 2, 2019 November 2, 2019 November 2, 2019 November 2, 2019 November 3, 2019 November 3, 2019 November 2, 2019 November 2, 2019 November 2, 2019 November 3, 2014 November 15, 2012 November 15, 2014 November 1			· ·										-		1 1 1	1	ncing - Part	4 (~180m)			
Fencing - Part 6B (~23m) 2 days 2 days NA NA NA November 4, 2019 November 5, 2019 November 5, 2019 November 5, 2019 November 5, 2019 November 15, 2019 Novem			-										-	Fencing	- Part 6A (~	19m)					
Fencing (15m/d) & Hoarding Erection (10m/d) - Upon Works 95 days 95 da		2 days	2 days	NA	NA	November 4, 2019	November 5, 2019	May 28, 2024					1355 d	_         -		11 1 11					
Completion  777 Fencing - ~1437m  95 days  95 days  NA  NA  April 29, 2022  August 19, 2022  August 19, 2022  May 28, 2022  October 17, 2022  November 15, 2022  Nov	775 Hoarding - WA1 (~300m)	21 days	21 days	NA	NA	October 8, 2019	October 31, 2019	April 29, 2024	May 24, 2024	0%	0 days	0.5 days	1355 d	Hoardir	ng - WA1 (~3	00m)					
Fencing - ~1437m		ks 95 days	95 days	NA	NA	April 29, 2022	August 19, 2022	July 25, 2022	November 15, 202	2 0%	72 days		72 days						Fencing (15	m/d) & Hoardi	ıg Erectio
778 Hoarding -~260m 26 days 26 days NA NA April 29, 2022 May 28, 2022 October 17, 2022 November 15, 2022 0% 69 days 0.5 days 141 days  779 Demolition Work - Extg Fire Service Station 136 days 117.24 days August 16, 2019 NA August 16, 2019 Ianuary 31, 2020 August 16, 2019 May 13, 2020 0% 82 days  Fittle: Revised Programme  ED/2018/01 with Progress 50 27 Spo 10	-	95 days	95 days	NA	NA	April 29, 2022	August 19, 2022	July 25, 2022	November 15. 202	2 0%	0 days	1 day	72 days						Fencing - ~1	437m	
779 Demolition Work - Extg Fire Service Station  136 days  117.24 days August 16, 2019  NA  August 16, 2019  NA  August 16, 2019  Nay 13, 2020  Nay 13, 2020													-								
Title: Revised Programme- ED/2018/01 with Progress Undate as of 23 Sp 10		136 days	117.24 days	August 16, 2019	NA	August 16, 2019	January 31, 2020	August 16, 2019	May 13, 2020				-	D	emolition W	ork - Extg Fi	re Service Sta	tion			
ED/2018/01 with Progress Lindows of 23 Spn 10 Lindows of 23 Spn 10	tle: Revised Programme- Critical Task		Ma	anual Task	Duration-	only	Baseline Milestone	> Sum	nmary	Ext	ternal Tasks		Inactive Milestone	<b>♦</b>	Baseline Summa						
Update as of 22-Sep-19 Critical Progress Task Progress Task Progress Finish-only Baseline Split Summary Progress Project Summary Inactive Task Deadline	ED/2018/01 with Progress Critical Split Split						Milestone 4					one 🔷				-					
	Update as of 22-Sep-19 Critical Progress Task Progress	ogress	Fir	nish-only 3	Baseline S	Split	Summary Progress	Proje	ect Summary	Ina	ctive Task		Deadline	•							
Page 14	·							Page	14												

Tas	isk Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical	Free	Time Risk	Total	
las	isk ivalle	Duration	Duration	Actual Start	Actual Fillish	rian Start	riaii i iiiisii	Late Start	Late Hillsii	%	Slack	Allowances	Slack 2019	2020 2021 2022 2023 202
80	Asbesto Survey (PS Cl. 2.04(9))	8 days	0 days	August 16, 2019	August 23, 2019	August 16, 2019	August 23, 2019	August 16, 2019	August 23, 2019	Complete 100%		(TRA) 0 days	0 days	H2
81	Demolish of abandoned Fire Service Station	50 days	50 days	NA	NA	November 28, 2019	January 31, 2020	March 10, 2020	May 13, 2020	0%	65 days	1 day	82 days	Demolish of abandoned Fire Service Station
82		50 days	50 days	NA	NA	November 26, 2019	January 29, 2020	May 11, 2020	July 9, 2020		131 days		131 days	Ground Investigation
83		50 days	, .	NA	NA	November 26, 2019		May 11, 2020	July 9, 2020		131 days		131 days	GI Work
84 85	Rising Main  Part 1 - CHA660-1097.77 - 2x160mm dia (~438m)	<b>765 days</b> 146 days	<b>765 days</b> 146 days	NA NA	NA NA	July 10, 2020 July 10, 2020	<b>February 1, 2023</b> January 2, 2021	July 10, 2020 July 10, 2020	May 30, 2023 January 2, 2021		0 days 0 days		0 days	Rising Main Part 1 - C-1A660-1097.77 - 2x160mm dia (~438m)
00	Fait 1 - CHA000-1037.77 - 2x100Hill tila ( 438Hi)	140 uays	140 uays	IVA	INA	July 10, 2020	January 2, 2021	July 10, 2020	January 2, 2021	076	o uays	7 days	o days	
86	Part 9A - CHA32-71 - 2x160mm dia (~39m) (KD5)	211 days	211 days	NA	NA	January 4, 2021	September 17, 202	1 January 4, 2021	September 17, 202	21 0%	0 days	30 days	0 days	Part 9A - CHA32-71 - 2x160mm dia (+39m) (KD5)
87	Part 9B Rising Main	211 days	211 days	NA	NA	January 4, 2021	September 17, 202	1 March 11, 2021	November 23, 202	1 0%	49 days	30 days	54 days	Part 9B Rising Main
88	Part 3B - CHA418-443 - 2x160mm dia (~25m) (KD7)	365 days	365 days	NA	NA	March 5, 2021	May 27, 2022	March 11, 2021	June 2, 2022				5 days	Part 3B - CHA418-443 - 2x160mm dia
	D 10 0000 052 0 74 052 0 450 Ut (1004 ) (1004	100 1	105 1							001				Part 9 - CHA0-363 & 71-363 - 2x160mm dia. (
89	Part 9 - CHA0-363 & 71-363 - 2x160mm dia. (~324m) (KD4)	126 days	126 days	NA	NA	August 31, 2021	January 31, 2022	August 31, 2021	January 31, 2022	0%	0 days	15 day	0 days	Part 9 - ChAU-303 & 71-303 - 2x100////// ula. (
90	Part 8 - CHA363-418&443-452 - 2x160mm dia (~64m)	150 days	150 days	NA	NA	February 4, 2022	August 4, 2022	September 2, 2022	March 3, 2023	0%	79 days	0 days	174 days	Part 8 - CHA363-418&443-452 - 29
91	Part 3A - CH452-660 - 2x160mm dia (~208m)	69 days	69 days	NA	NA	November 9, 2022	February 1 2023	March 4, 2023	May 30, 2023	0%	0 days	1 day	95 days	Part 3A - CH452-660 - 2
92	· · · · · · · · · · · · · · · · · · ·	0 days	0 days	NA	NA	February 1, 2023	February 1, 2023	May 30, 2023	May 30, 2023		118 days	1 day	118 days	✓ Allow Access for EMSD
<i>JE</i>	Contractor for DCS Pipeline Laying at Parts 3A, 3B, 8, 9 and	,.	,-			, , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	, 55, 2525	, , , , , , , , , , , , , , , , , , , ,					
93	9A Underground Drainage	416 days	416 days	NA	NA	February 16, 2021	July 11 2022	March 5, 2021	September 24, 20.	0%	15 days		15 days	Underground Drainage
94		90 days	90 days	NA	NA NA	February 16, 2021		March 5, 2021	June 2, 2021		0 days		17 days	Procurement of Stormwater Drainage Pipes
95		308 days	· ·	NA	NA	May 17, 2021	May 28, 2022	June 3, 2021	September 24, 20.		14 days		14 days	Stormwater Drainage
96	CH1000 - CH1087 (~92.5m, 2 M/H)	16 days	16 days	NA	NA	• •		1 November 24, 2021			0 days		0 days	CH1000 - CH1087 (~92.5m, 2 M/H)
97	· , , , , , , , , , , , , , , , , , , ,	24 days	24 days	NA	NA	June 3, 2021	July 2, 2021	June 3, 2021	July 2, 2021				0 days	CH1087 - CH1189.4 (~210m, 9 M/H)
98		24 days	24 days	NA	NA	May 29, 2021	June 26, 2021	September 11, 2021	October 11, 2021		18 days		88 days	CH1189.4 - CH1394 (~167m, 3 MH) - Bridge D3
00	CH1204 CH1444 7 (~40m 2 M4/II) C Dame	21 days	21 days	NA	NA	July 20, 2021	August 12, 2021	October 13, 2021	November 5, 2024	0%	70 dav.a	0 days	70 days	CH1394 - CH1444.7 (~40m, 3 M/H) - S. Ramp
99 00		21 days 35 days	21 days 35 days	NA NA	NA NA	July 20, 2021 May 20, 2021	August 12, 2021 June 30, 2021	October 12, 2021 October 25, 2021	November 5, 2021 December 3, 2021		70 days 130 days	,	70 days 130 days	CH1444.7 - CH1560 (~222m, 10 M/H) - Rd D3
01		14 days	14 days	NA	NA	May 17, 2021	June 2, 2021	April 19, 2022	May 4, 2022		0 days		273 days	CH1560 - CH1720 (~239m, 8 M/H) - N.D. Rd
02		90 days	90 days	NA	NA	June 3, 2021	September 17, 202	_ · · · · ·	August 19, 2022		0 days		273 days	CH1720 - CH1920 (~450.7m, 13 M/H) Underpass
	, , , , , , , , , , , , , , , , , , , ,	,	,			, , ,	,	., ., .			, , ,	,		
)3	· , , , ,	14 days	14 days	NA	NA	September 18, 2021	, , , , , , , , , , , , , , , , , , ,	August 20, 2022	September 5, 2022			0 days	273 days	CH1920 - CH2000 (~160m, 6 M/H) S.D. Rd
)4		14 days	14 days	NA	NA	October 7, 2021	October 23, 2021	September 6, 2022	September 22, 202			0 days	273 days	CH2060 - CH2060 (~84m, 2 M/H) - S.D. Rd CH2060 - CH2118.93 (~50.7m, 2 M/H) - Rd D3
)5		14 days	14 days	NA NA	NA NA	June 19, 2021	July 6, 2021	September 8, 2022	September 24, 202			0 days	366 days	CH100 - CH147 (~169m, 5 M/H) - L12
06 07		35 days 70 days	35 days 70 days	NA NA	NA NA	April 19, 2022 January 19, 2022	May 28, 2022 April 14, 2022	June 25, 2022 March 30, 2022	August 5, 2022 June 24, 2022		0 days 0 days		57 days 57 days	Open Space & Promenade (~457m, 11 M
08		392 days	392 days	NA	NA NA	March 16, 2021	July 11, 2022	April 4, 2021	September 16, 20.		15 days		15 days	\$ewerage Drainage
09	<u> </u>	90 days	90 days	NA	NA	March 16, 2021	June 13, 2021	April 4, 2021	July 2, 2021		19 days		19 days	Progurement of Sewerage Pipes
10	CH1000 - CH1087 (~68m, 3 M/H)	18 days	18 days	NA	NA	November 22, 2021	December 11, 202	1 November 22, 2021	December 11, 202			1 days	0 days	CH1000 - CH1087 (~68m, 3 M/H)
11	CH1087 - CH1189.4 (~47m, 1 no M/H)	12 days	12 days	NA	NA	July 3, 2021	July 16, 2021	July 3, 2021	July 16, 2021	0%	0 days	1 days	0 days	CH1087 - CH1189.4 (~47m, 1 no M/H)
12	CH100 - CH147 (~156m, 6 M/H) - L12 Road	35 days	35 days	NA	NA	May 30, 2022	July 11, 2022	August 6, 2022	September 16, 202	22 0%	0 days	0.5 days	57 days	CH100 - CH147 (~156m, 6 M/H) - L:
13		392 days	392 days	NA	NA	May 29, 2021	September 19, 20.		October 14, 2022		20 days		20 days	Underground Watermain
14		310 days		NA	NA	May 29, 2021	June 13, 2022	July 17, 2021	September 22, 20.		40 days		40 days	Fresh Watermain  CH1000 - CH1087 (~191m) Rd D3
15		20 days 4 days	20 days 4 days	NA NA	NA NA	August 31, 2021 July 17, 2021	September 23, 202 July 21, 2021	July 17, 2021	September 23, 202 July 21, 2021		0 days 0 days		0 days	CH1087 - CH1189.4 (~212m) - N. Ramp
16 17		40 days	40 days	NA	NA	May 29, 2021	July 16, 2021	August 21, 2021	October 8, 2021			0.5 days	70 days	CHL189.4 - CH1394 (~409.2m) - Bridge D3
18		10 days	10 days	NA	NA	June 1, 2021	June 11, 2021	October 9, 2021	October 21, 2021			0 days	108 days	## CH1394 - CH1444.7 (~101.4m) - S. Ramp
19		18 days	18 days	NA	NA	June 25, 2021	July 16, 2021	October 19, 2021	November 8, 2021		0 days	0 days	95 days	CH1444.7 - CH1560 (←1.65m) - Rd D3
20	CH1720 - CH1920 (~25m) - Underpass	2 days	2 days	NA	NA	September 18, 2021	September 20, 202	1 September 19, 2022	September 20, 202	2 0%	0 days	0 days	297 days	CH 1720 - CH1920 (~25m) - Underpass
21	CH2060 - CH2118.93 (~47m) - Rd D3	2 days	2 days	NA	NA	July 2, 2021	July 3, 2021	September 21, 2022	September 22, 202	22 0%	69 days	0 days	366 days	CH2060 - CH2118.93 (~47m) - Rd D3
22		28 days	28 days	NA	NA	May 11, 2022	June 13, 2022	July 5, 2022	August 5, 2022		0 days		45 days	CH100 - CH147 (~280m) - L12 Road
23		110 days		NA	NA	December 22, 2021		January 18, 2022	June 2, 2022		0 days		20 days	Open Space & Promenade (~1,093m)
24		390 days		NA NA	NA NA	June 1, 2021	September 19, 20.		October 14, 2022		20 days		20 days	Salt Watermain  CH1000 - CH1087 (~157m) Rd D3
25		15 days	15 days	NA NA	NA NA		September 16, 202		September 16, 202		0 days		0 days	CH1000 - CH1087 (~157m) Rd D3
26 27		4 days 40 days	4 days 40 days	NA NA	NA NA	July 22, 2021 June 1, 2021	July 26, 2021 July 19, 2021	July 22, 2021 August 24, 2021	July 26, 2021 October 11, 2021		0 days 0 days		0 days 70 days	CH1189.4 - CH1394 (~409.2m) - Bridge DB
27		10 days	10 days	NA	NA	June 12, 2021	June 24, 2021	October 22, 2021	November 2, 2021		0 days		108 days	CH1394 - CH1444.7 (~101.4m) - S. Ramp
29		18 days	18 days	NA	NA	July 17, 2021	August 6, 2021	November 9, 2021			0 days		95 days	CH1444.7 - CH1560 (~165m) - Rd D3
30		2 days	2 days	NA	NA			1 September 21, 2022					297 days	CH1720 - CH1920 (~25m) - Underpass
1	CH2060 - CH2118.93 (~47m) - Rd D3	2 days	2 days	NA	NA	September 24, 2021	September 25, 202	1 September 23, 2022	September 24, 202	22 0%	24 days	0 days	297 days	CH2060 - CH2118.93 (~47m) - Rd D3
2	CH100 - CH147 (~455m) - L12 Road	45 days	45 days	NA	NA	June 14, 2022	August 5, 2022	August 6, 2022	September 28, 202		0 days	0.5 days	45 days	CH100 - CH147 (~455m) - L12 Roa
13		110 days		NA	NA	May 11, 2022	September 19, 202		October 14, 2022		0 days		20 days	Open Space & Promenade (~1,0
4	<del>-</del>	337 days		NA	NA	June 25, 2021		July 16, 2021	October 5, 2022		17 days		17 days	Irrigation System
5		5 days	5 days	NA	NA			1 September 17, 2021			0 days		0 days	CH1000 - CH1087 (~87m) Rd D3 CH1087 - CH1189.4 (~205m) - N. Ramp
6		9 days	9 days 7 days	NA NA	NA NA	July 16, 2021 June 25, 2021	July 26, 2021 July 3, 2021	July 16, 2021 October 4, 2021	July 26, 2021 October 11, 2021		0 days 13 days		0 days 83 days	CH1189,4 - CH1189,4 (~205m) - N. Ramp
37 38		7 days 3 days	3 days	NA NA	NA NA	June 25, 2021 June 25, 2021	July 3, 2021 June 28, 2021				13 days 108 days		108 days	3CH1394 - CH1444.7 (~101.4m) - S. Ramp
39	<u> </u>	4 days	4 days	NA NA	NA NA	August 7, 2021	August 11, 2021	November 30, 2021			95 days		95 days	CH1444.7 - CH1560 (-175m) - Rd D3
40		4 days	4 days	NA	NA	October 7, 2021		September 19, 2022			10 days		283 days	CH1920 - CH2000 (~160m) S.D. Rd
	d Programme- Critical Task 18/01 with Progress Critical Solit		M St	anual Task	Duration-	only	Baseline Milestone		nmary		ernal Tasks	no 🕏	Inactive Milesto	,
	18/01 with Progress   Critical Split   Split   Split   e as of 22-Sep-19   Critical Progress   Task Progr			art-only L nish-only ]	Baseline S	plit	Milestone     Summary Progress		ect Summary		ernal Milesto	ne 🗸	Inactive Summa  Deadline	•
											ctive Task			<b>↓</b>

. 33	sk Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	_	Late Start	Progress Update as of Late Finish	Physical From	ee Tin	ne Risk Total	
			Duration							'	ack All	lowances Slack	2019   2020   2021   2022   2023   202
1	CH2000 - CH2060 (~60m) - S.D. Rd	2 days	2 days	NA	NA	October 25, 2021	October 26, 2021	September 23, 2022	Sontombor 24, 2022	Complete	(TR days 0 d	RA) days 273 days	H1 H2
2	CH2060 - CH2118.93 (~100m) - Rd D3	3 days	3 days	NA	NA	October 23, 2021 October 27, 2021	· ·	September 26, 2022			28 days 0 d		
	CH100 - CH147 (~173m) - L12 Road	4 days	4 days	NA	NA	August 6, 2022	· ·	September 29, 2022			days 0 d		CH100 - CH147 (-173m) - L12 Ro
1	Underground pump house next to underpass	168 days	168 days	NA	NA	June 29, 2021	-	August 7, 2021			days	33 days	₩ Wnderground pump house next to underpase
5	Underground pump house structure	90 days	90 days	NA	NA	June 29, 2021		August 7, 2021	November 23, 2021	0% 0 0	days 4 d		Underground pump house structure
6	E&M installation	60 days	60 days	NA	NA	October 16, 2021	December 24, 2021	November 24, 2021	February 8, 2022	0% 0 0	days 3 d	days 33 days	E8ℓM installation
7	Testing and Commissioning	18 days	18 days	NA	NA	December 28, 2021	January 18, 2022	February 9, 2022	March 1, 2022	0% 33	days 1 d	days 33 days	Testing and Commissioning
8	Salt Water Pumping Station	689 days	689 days	NA	NA	September 15, 20	January 6, 2023	July 23, 2022	May 30, 2023	0% 11	4 days	114 days	
9	ELS & Excavation	60 days	60 days	NA	NA	July 13, 2021	September 20, 2021	July 23, 2022	October 3, 2022	0% 14	days 1 d	day 307 days	ELS & Excavation
0	Structure	90 days	90 days	NA	NA	October 9, 2021	January 26, 2022	October 5, 2022	January 18, 2023	0% 0 0	days 1 d	day 293 days	
1	Finishing work and fitting out	60 days	60 days	NA	NA	January 27, 2022		January 30, 2023	' '	0% 0 0	days 1 d	day 299 days	Finishing work and fitting out
2	Ironmongery work	24 days	24 days	NA	NA	April 12, 2022		April 14, 2023			days 0.5	days 299 days	
3	E&M installation & ABWF work	90 days	90 days	NA	NA	January 27, 2022		January 19, 2023			days 1 d		
1	Testing and Commissioning	14 days	14 days	NA	NA	May 20, 2022		May 13, 2023			3 days 0 d		Testing and Commissioning
	WSD Form 542 Submission	0 days	0 days	NA	NA		September 15, 2020		-, ,		3 days	958 days	♦ WSD Form 542 Submission  ■ WSD Form 46 Part I & II Submission
	WSD Form 46 Part I & II Submission	0 days		NA	NA	March 27, 2021		May 1, 2023	, -,		3 days	765 days	₩SD Form 46 Part 10 Submission  WSD Form 46 Part 46 Part IV Submission
	WSD Form 46 Part 46 Part IV Submission  CLP Meter Installation	0 days	0 days 0 days	NA NA	NA NA	March 15, 2022 June 19, 2022	· ·	May 1, 2023 May 1, 2023	-, ,		68 days 72 days	412 days	
3	FSD Form 501 Submission for FS Inspection	0 days 0 days	0 days	NA	NA NA	<u> </u>	December 8, 2022		<u> </u>		days	316 days 144 days	S F\$D Form 501 Submission
)	FSD Inspection	0 days	0 days	NA	NA		December 22, 2022				days	144 days	X FSD Inspection
) L	Issuance of FS Certificate	0 days		NA	NA			May 30, 2023			l4 days	144 days	▼ Issuance of FS Certifica
_	Sewage Pumping Station	689 days	689 days	NA	NA	September 15, 20		November 26, 2021			4 days	114 days	
2	ELS & Excavation	60 days	60 days	NA	NA	July 13, 2021	September 20, 2021		February 10, 2022		days 1 d	•	
	Structure	90 days	90 days	NA	NA	September 21, 202:		February 11, 2022	, ,		days 1 d		
	Finishing work and fitting out	60 days	60 days	NA	NA	January 11, 2022		June 9, 2022	August 18, 2022		days 1 d		
	Ironmongery work	24 days	24 days	NA	NA	March 25, 2022		August 19, 2022	September 16, 2022		days 0.5		<u> </u>
	E&M installation & ABWF work	90 days	90 days	NA	NA	January 11, 2022	May 3, 2022	June 1, 2022	September 16, 2022	0% 39	days 1 d	day 114 days	EBM installation & ABWF work
	Testing and Commissioning	14 days	14 days	NA	NA	July 12, 2022	July 27, 2022	September 17, 2022	October 5, 2022	0% 12	days 0 d	days 57 days	Festing and Commissioning
	WSD Form 542 Submission	0 days	0 days	NA	NA	September 15, 2020	September 15, 2020	May 1, 2023	May 1, 2023	0% 19	3 days	958 days	→ WSD Form 542 Submission
	WSD Form 46 Part I & II Submission	0 days	0 days	NA	NA	March 27, 2021	March 27, 2021	May 1, 2023	May 1, 2023	0% 35	3 days	765 days	WSD Form 46 Part I & II Submission
	WSD Form 46 Part 46 Part IV Submission	0 days	0 days	NA	NA	March 15, 2022	March 15, 2022	May 1, 2023	May 1, 2023	0% 26	8 days	412 days	WSD Form 46 Part 46 Part IV Submission
	CLP Meter Installation	0 days	0 days	NA	NA	June 19, 2022	June 19, 2022	May 1, 2023	May 1, 2023	0% 17	<sup>7</sup> 2 days	316 days	<mark>-</mark>
3	FSD Form 501 Submission for FS Inspection	0 days	0 days	NA	NA			May 1, 2023	-, ,		days	144 days	S FSD Form 501 Submissio
4	FSD Inspection	0 days	/ -	NA	NA	December 22, 2022	December 22, 2022	May 16, 2023			days	144 days	* FSD Inspection
5	Issuance of FS Certificate	0 days	- '	NA	NA	January 6, 2023		May 30, 2023			4 days	144 days	* Issuance of FS Certifica
6	Seawater Intake Box Culvert (~169m)	812 days		NA	NA	March 20, 2020	December 10, 2022	• •	December 10, 2022		days	0 days	Seawater Intake Box Culv Part 4 - CHA.0-79 (79m)
7	Part 4 - CHA.0-79 (79m) Temporary ELS & Excavation	<b>440 days</b> 24 days	<b>440 days</b> 24 days	NA NA	NA NA	June 24, 2021 June 24, 2021	December 10, 2022 July 22, 2021	June 24, 2021 June 24, 2021	December 10, 2022 July 22, 2021		days days 1 d	0 days days 0 days	Temporary ELS & Excavation
9	Base Slab (12d/bay)	24 uays	24 uays	NA	NA	July 23, 2021			November 15, 2021		days 1 d days 5 d		Base Slab (12d/bay)
	base slab (12d/bay)	96 days	96 days		INA						uays 5 u	ays o days	
	Wall (14d/hav)	96 days	96 days		NΑ		November 15, 2021	Sentember 20, 2021			days 5 d	days 0 days	Wall (14d/bay)
	Wall (14d/bay) Top Slab (20d/bay)	112 days	112 days	NA	NA NA	September 20, 202	February 7, 2022	September 20, 2021 February 8, 2022	February 7, 2022	0% 0 0	days 5 d	·	Wall (14d/bay) Top Slab (20d/bay)
	Top Slab (20d/bay)	112 days 160 days	112 days 160 days		NA NA NA	September 20, 2022 February 8, 2022	February 7, 2022 August 19, 2022	February 8, 2022	February 7, 2022 August 19, 2022	0% 0 c	days 8 d	days 0 days	Wall (14d/bay) Top Slab (20d/bay) Remove struts and backfilling
	Top Slab (20d/bay) Remove struts and backfilling	112 days 160 days 18 days	112 days 160 days 18 days	NA NA	NA NA	September 20, 2022 February 8, 2022 August 20, 2022	February 7, 2022 August 19, 2022 September 9, 2022	February 8, 2022 August 20, 2022	February 7, 2022 August 19, 2022 September 9, 2022	0% 0 c 0% 0 c	days 8 d	days 0 days	Top Slab (20d/bay)
) L 2	Top Slab (20d/bay)	112 days 160 days	112 days 160 days	NA NA NA	NA	September 20, 202 February 8, 2022 August 20, 2022 September 12, 20	February 7, 2022 August 19, 2022	February 8, 2022 August 20, 2022 <b>September 12, 2022</b>	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022	0% 0 c 0% 0 c 0% 0 c 0% 0 c	days 8 d	days 0 days days 0 days <b>0 days</b>	Top Slab (20d/bay)  Remove struts and backfilling
) - !	Top Slab (20d/bay) Remove struts and backfilling Precast Installation	112 days 160 days 18 days <b>76 days</b>	112 days 160 days 18 days <b>76 days</b>	NA NA NA	NA NA NA	September 20, 2022 February 8, 2022 August 20, 2022 <b>September 12, 20</b> September 12, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022	February 8, 2022 August 20, 2022 <b>September 12, 2022</b> September 12, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022	0% 0 c 0% 0 c 0% 0 c 0% 0 c	days 8 d days 1 d days	days 0 days days 0 days  0 days  0 days  0 days	Top Slab (20d/bay) Remove struts and backfilling Precast Installation
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection	112 days 160 days 18 days <b>76 days</b> 26 days	112 days 160 days 18 days <b>76 days</b> 26 days	NA NA NA NA	NA NA NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20 September 12, 202: October 14, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022	February 7, 2022 August 19, 2022 September 9, 2022 <b>December 10, 2022</b> October 13, 2022	0% 0 c	days 8 d days 1 d days days 1 d	days 0 days days 0 days  0 days  0 days  0 days  days 0 days  days 0 days	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation
22 33 4 5 5 5 6	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days	NA NA NA NA NA NA	NA NA NA NA NA	September 20, 202: February 8, 2022 August 20, 2022 <b>September 12, 20.:</b> September 12, 202: October 14, 2022 October 31, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022	February 8, 2022 August 20, 2022 <b>September 12, 2022</b> September 12, 2022 October 14, 2022 October 31, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022	0% 0 c	days 8 d days 1 d days days 1 d days 1 d days 1 d days 1 d	days 0 days days 0 days  0 days  0 days  0 days  days 0 days  days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days	NA NA NA NA NA NA NA NA NA	NA NA NA NA NA NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20 September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022	February 8, 2022 August 20, 2022 <b>September 12, 2022</b> September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days days 1 d days 1 d days 1 d days 1 d days 0 d	days 0 days days 0 days 0 days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake Reinstate seawall	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days 10 days	NA	NA NA NA NA NA NA NA NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022 November 29, 2022 December 10, 2022	February 8, 2022 August 20, 2022 <b>September 12, 2022</b> September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022 November 29, 2022 December 10, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days days 1 d days 1 d days 1 d days 0 d days 0 d days 0 d	days 0 days days 0 days 0 days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall inta
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake Reinstate seawall Part 10 - CHA79-89 (10m)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days 10 days <b>348 days</b>	NA	NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022 November 29, 2022 December 10, 2022 June 23, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 23, 2022 November 29, 2022 December 10, 2022 June 23, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days days 1 d days 1 d days 1 d days 0 d days 0 d days 0 d days	days 0 days days 0 days 0 days 0 days	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform Install precast seawall inta Reinstate seawall
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake Reinstate seawall Part 10 - CHA79-89 (10m) Temporary ELS & Excavation	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days 10 days <b>348 days</b> 14 days	NA N	NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days 0 d	days 0 days days 0 days 0 days 0 days 0 days days 282 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall inta  Reinstate seawall  Part 10 - CHA79-89 (10m)
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake Reinstate seawall Part 10 - CHA79-89 (10m) Temporary ELS & Excavation Base Slab (12d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days	112 days 160 days 18 days <b>76 days</b> 26 days 14 days 21 days 5 days 10 days <b>348 days</b> 14 days	NA N	NA	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 22, 2020 August 17, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020	February 8, 2022 August 20, 2022 September 12, 2022 September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 21, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days         8 d           days         1 d           days         1 d           days         1 d           ddays         1 d           ddays         0 d           ddays         0 d           ddays         0 d           days         0 d           days         0 d           d days         0 d           d days         0 d           d days         0 d	days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Temporary ELS-& Excavation  Base Slab (12d/bay)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020	February 8, 2022 August 20, 2022 September 12, 2022 September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 6, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 May 22, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 dday	days 0 days days 0 days 0 days 0 days 0 days days 282 days days 280 days days 146 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)
	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform & existing seawall Install precast seawall intake Reinstate seawall Part 10 - CHA79-89 (10m) Temporary ELS & Excavation Base Slab (12d/bay) Wall (14d/bay) Top Slab (20d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 12 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 21, 2021 May 6, 2021 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays 1 dday	days 0 days days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 6 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020 May 24, 2021 June 17, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 14, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 21, 2021 May 6, 2021 May 24, 2021 June 17, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 5, 2021 May 22, 2021 June 16, 2021 June 23, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### 8 ddays	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days days 0 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Pliing platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Part 10 - CHA79-89 (10m)  Reinstate seawall  Wall (14d/bay)  Remove struts and backfilling
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 26 days 15 days 16 days 17 days 18 days 18 days 18 days 19 days 19 days 19 days 10 days 10 days 11 days 12 days 13 days 14 days 15 days 16 days 16 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020 May 24, 2021 June 17, 2021 March 20, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 21, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 5, 2021 May 22, 2021 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 June 16, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays	days 0 days days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall int  Reinstate seawall  Part 10 - CHA79-89 (10m)  Reinstate seawall  Wall (14d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days 24 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days 24 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020 May 24, 2021 June 17, 2021 March 20, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 April 21, 2020	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 16, 2021 March 31, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays 0.5	days 0 days days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days days 0 days days 282 days days 282 days days 282 days days 282 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall int  Reinstate seawall  Part 10 - CHA79-89 (10m)  Reinstate seawall  Vall (14d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 20 days 14 days 22 days 14 days 29 days 6 days 6 days 96 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 25 days 16 days 26 days 27 days 28 days 29 days 29 days 366 days 366 days 366 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 November 5, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 April 21, 2020 August 15, 2020	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 21, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 June 16, 2021 Agril 31, 2021 Adgust 15, 2020	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays 4 ddays 0 ddays 4 ddays 0 ddays 4 ddays 4 d	days 0 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall int  Reinstate seawall  Part 10 - CHA79-89 (10m)  Reinstate seawall  Vall (14d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 20 days 4 days 24 days 26 days 17 days 18 days 19 days 19 days 19 days 19 days 10 days 11 days 11 days 11 days 11 days 11 days 11 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 4 days 24 days 26 days 15 days 16 days 17 days 18 days 18 days 19 days 19 days 19 days 19 days 10 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 June 22, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 23, 2021 June 16, 2021 June 16, 2021 June 16, 2021 August 15, 2020 November 4, 2020	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays 5 dday	days 0 days days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Pling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (30m)  Temporary ELS & Excavation  Base Slab (12d/bay)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 20 days 6 days 24 days 96 days 112 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 4 days 24 days 26 days 16 days 17 days 18 days 19 days 18 days 18 days 19 days 19 days 19 days 110 days 110 days 110 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020 November 5, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020 May 22, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 June 22, 2020 November 5, 2020	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 5, 2021 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 Agril 31, 2021 August 15, 2020 November 4, 2020 May 22, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays 8 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 1 ddays 0 ddays 8 dday	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 146 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Pling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (30m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Wall (14d/bay)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 27 days 18 days 18 days 19 days 19 days 20 days 21 days 22 days 23 days 24 days 26 days 27 days 28 days 29 days 29 days 20 days 20 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 17 days 18 days 18 days 19 days 19 days 10 days 110 days 1110 days 112 days 112 days 112 days 112 days 112 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 16, 2021 June 15, 2020 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 16, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 ddays	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall  Part 10 - CHA79-89 (10m)  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (30m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Wall (14d/bay)  Wall (14d/bay)
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 27 days 18 days 18 days 19 days 19 days 19 days 19 days 10 days 10 days 11 days 11 days 12 days 12 days 12 days 12 days 13 days 14 days 15 days 16 days 17 days 18 days 18 days 18 days 18 days 29 days 19 days 19 days 19 days 10 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 17 days 18 days 18 days 19 days 19 days 10 days 11 days 11 days 12 days 15 days 16 days 17 days 18 days 18 days 18 days 19 days 18 days 18 days 18 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021 May 16, 2019	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 15, 2020 August 15, 2020 August 15, 2020 August 15, 2020 Movember 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 6, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 16, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 April 23, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### 8 ddays	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall inta  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Remove struts and backfilling	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 27 days 18 days 18 days 19 days 19 days 20 days 21 days 22 days 23 days 24 days 26 days 27 days 28 days 29 days 29 days 20 days 20 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 17 days 18 days 18 days 19 days 19 days 10 days 110 days 1110 days 112 days 112 days 112 days 112 days 112 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 15, 2020 August 15, 2020 August 15, 2020 August 15, 2020 Movember 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 16, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 April 23, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### 8 ddays	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall into  Reinstate seawall into  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Vall (14d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Vall (14d/bay)  Fop Slab (20d/bay)  Wall (14d/bay)  Fop Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01 Contractor
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake  Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 27 days 18 days 18 days 19 days 19 days 19 days 19 days 10 days 10 days 11 days 11 days 12 days 12 days 12 days 12 days 13 days 14 days 15 days 16 days 17 days 18 days 18 days 18 days 18 days 29 days 19 days 19 days 19 days 10 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 22 days 14 days 24 days 26 days 15 days 16 days 17 days 18 days 18 days 19 days 19 days 10 days 11 days 11 days 12 days 15 days 16 days 17 days 18 days 18 days 18 days 19 days 18 days 18 days 18 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 June 22, 2020 November 5, 2020 May 24, 2021 May 16, 2019	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 15, 2020 August 15, 2020 August 15, 2020 August 15, 2020 Movember 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 6, 2021 June 17, 2021 June 17, 2021 April 22, 2020 March 4, 2021 June 22, 2020 November 5, 2020 May 24, 2021 May 24, 2021 May 16, 2019 May 16, 2019	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 May 5, 2021 June 16, 2021 June 16, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 April 23, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### 8 ddays	days 0 days days 0 days 0 days 0 days 0 days 0 days 0 days days 282 days days 200 days days 0 days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall inte  Reinstate seawall  Part 10 - CHA79-89 (10m)  Base Slab (12d/bay)  Wall (14d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Wall (14d/bay)  Femove struts and backfilling  Part 1 - CH89-169 (80m)  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01 Contractor  Part 1 - CH1919-2007 (88m) 4 bays
0 0 0 1 1 1 2 2 3 3 3 4 4 4 5 5 6 6 6 6 6 7 7 8 8 8 8 9 9 9 9 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01  Contractor	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 14 days 12 days 14 days 12 days 14 days 12 days 14 days 20 days 6 days 24 days 96 days 112 days 160 days 20 days 808 days 14 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days 24 days 12 days 112 days 12 days 10 days 10 days 112 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 May 12, 2020 May 24, 2021 June 22, 2020 Movember 5, 2020 May 24, 2021 June 22, 2020 April 22, 2020 Movember 5, 2020 April 22, 2020 November 5, 2020 May 16, 2019 May 16, 2019 April 17, 2021 April 17, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 17, 2020 May 22, 2021 June 16, 2021 January 29, 2022 May 31, 2019 November 3, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 6, 2021 June 17, 2021 June 17, 2021 April 22, 2020 March 4, 2021 June 22, 2020 November 5, 2020 May 24, 2021 May 24, 2021 May 16, 2019 May 16, 2019	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 10, 2022 June 23, 2021 April 20, 2021 June 16, 2021 June 16, 2021 June 23, 2021 August 15, 2020 November 4, 2020 August 15, 2020 August 15, 2020 May 22, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 21, 2021 June 16, 2021 August 15, 2020 August 2, 2021 June 16, 2021 April 23, 2022 August 2, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days 0 d days 1 d days 0 d days 1 d days 1 d days 0 d	days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall inta  Reinstate seawall  Temporary ELS & Excavation  Base Slab (12d/bay)  Remove struts and back illing  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Wall (14d/bay)  Wall (14d/bay)  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01 Contractor  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sats x 3nos) - 15d/set. 1 team
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01  Contractor  Part 1 - CH1919-2007 (88m) 4 bays	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 14 days 12 days 14 days 12 days 14 days 12 days 14 days 20 days 6 days 24 days 96 days 112 days 160 days 20 days 160 days 20 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 348 days 14 days 12 days 14 days 22 days 14 days 24 days 6 days 366 days 24 days 15 days 16 days 16 days 17 days 18 days 19 days 19 days 10 days 112 days 112 days 115 days 115 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 May 12, 2020 May 24, 2021 June 22, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 November 5, 2020 May 24, 2021 June 22, 2020 November 5, 2020 May 16, 2019 May 16, 2019 April 17, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 17, 2020 May 22, 2021 June 18, 2020 May 29, 2022 May 31, 2019 November 3, 2021 June 29, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 6, 2021 June 17, 2021 June 17, 2021 April 22, 2020 March 4, 2021 June 22, 2020 November 5, 2020 May 24, 2021 May 24, 2021 May 16, 2019 May 16, 2019 May 16, 2019	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 10, 2022 June 23, 2021 April 20, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 April 23, 2022 May 31, 2019 February 8, 2022	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days 0 d days 1 d days 1 d days 1 d days 0 d	days	Top Slab (20d/bay) Remove struts and backfilling Precast Installation Piling platform erection Pipe pile installation Remove of piling platform Install precast seawall int Reinstate seawall  Temporary ELS & Excavation Base Slab (12d/bay) Wall (14d/bay) Remove struts and backfilling Part 1 - CH89-169 (80m)  Temporary ELS & Excavation Base Slab (12d/bay) Remove struts and backfilling Part 1 - CH89-169 (80m)  Temporary ELS & Excavation Base Slab (12d/bay) Wall (14d/bay) Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01 Contractor  Part 1 - CH1919-2007 (88m) 4 bays
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01  Contractor  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sets x 3nos) - 15d/set. 1 team	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 14 days 12 days 14 days 12 days 14 days 12 days 14 days 20 days 6 days 24 days 96 days 112 days 160 days 20 days 808 days 14 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 6 days 6 days 6 days 14 days 20 days 6 days 786 days 12 days 15 days 16 days 16 days 17 days 18 days 18 days 19 days 18 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 May 12, 2020 May 24, 2021 June 22, 2020 Movember 5, 2020 May 24, 2021 June 22, 2020 April 22, 2020 Movember 5, 2020 April 22, 2020 November 5, 2020 May 16, 2019 May 16, 2019 April 17, 2021 April 17, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 17, 2020 May 22, 2021 June 18, 2020 May 29, 2022 May 31, 2019 November 3, 2021 June 29, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 November 5, 2020 May 24, 2021 May 16, 2019 May 16, 2019 May 16, 2019 May 16, 2019 May 22, 2021 May 22, 2021 May 22, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 10, 2022 June 23, 2021 April 20, 2021 June 16, 2021 June 16, 2021 June 23, 2021 August 15, 2020 November 4, 2020 August 15, 2020 August 15, 2020 May 22, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 21, 2021 June 16, 2021 August 15, 2020 August 2, 2021 June 16, 2021 April 23, 2022 August 2, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days 0 d days 1 d days 0 d days 1 d days 0 d days 1 d	days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall int  Reinstate seawall  Reinstate seawall  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Part 1 - CH89-169 (80m)  Part 1 - CH89-169 (80m)  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sets x 3nos) - 15d/set. 1 team
	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01  Contractor  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sets x 3nos) - 15d/set. 1 team  Falsework erection	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 14 days 12 days 14 days 12 days 14 days 20 days 6 days 24 days 96 days 112 days 160 days 20 days 808 days 14 days 16 days 27 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days 24 days 96 days 112 days 112 days 160 days 788.7 days 0 days 60 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20 September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 22, 2020 August 17, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 May 24, 2021 June 22, 2020 November 5, 2020 April 22, 2020 May 16, 2019 May 16, 2019 April 17, 2021 April 17, 2021 June 30, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021 April 21, 2020 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 17, 2020 May 22, 2021 June 18, 2020 May 29, 2022 May 31, 2019 November 3, 2021 June 29, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 24, 2022 November 30, 2022 April 1, 2021 April 1, 2021 May 6, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 November 5, 2020 May 24, 2021 May 16, 2019 May 16, 2019 May 16, 2019 May 22, 2021 August 3, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 April 20, 2021 June 16, 2021 August 15, 2020 May 22, 2021 June 16, 2021 August 15, 2020 May 22, 2021 June 16, 2021 April 23, 2022 May 31, 2019 February 8, 2022 August 2, 2021 August 10, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ddays 8 ddays 1 ddays 0 ddays 0 ddays 0 ddays 0 ddays 0 ddays 0 ddays 1 ddays 0 ddays 0 ddays 1 ddays 0 ddays 0 ddays 0 ddays 0 ddays 1 ddays 0 ddays	days	Top Slab (20d/bay)  Remove struts and backfilling  Piling platform erection  Pipe pile installation  Remove of piling platform  Install precast seawall int  Reinstate seawall  Reinstate seawall  Reinstate seawall  Temporary ELS & Exca vation  Base Slab (12d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Remove struts and backfilling  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sats x 3nos) - 15d/set. 1 team  Falsework erection
201	Top Slab (20d/bay) Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform & existing seawall  Install precast seawall intake Reinstate seawall  Part 10 - CHA79-89 (10m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Temporary ELS & Excavation  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01  Contractor  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sets x 3nos) - 15d/set. 1 team  Falsework erection	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 14 days 12 days 14 days 12 days 14 days 20 days 6 days 24 days 96 days 112 days 160 days 20 days 808 days 14 days 16 days 27 days	112 days 160 days 18 days 76 days 26 days 14 days 21 days 5 days 10 days 348 days 14 days 12 days 14 days 20 days 6 days 366 days 21 days 112 days 160 days 788.7 days 0 days 60 days	NA N	NA N	September 20, 202: February 8, 2022 August 20, 2022 September 12, 20.: September 12, 202: October 14, 2022 October 31, 2022 November 24, 2022 April 22, 2020 April 22, 2020 August 17, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 May 12, 2020 May 24, 2021 June 22, 2020 May 24, 2021 June 17, 2021 March 20, 2020 April 22, 2020 November 5, 2020 May 24, 2021 June 22, 2020 April 27, 2021 June 30, 2021 April 17, 2021 April 17, 2021 June 30, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 29, 2022 December 10, 2022 June 23, 2021 May 9, 2020 August 29, 2020 November 20, 2020 June 16, 2021 June 23, 2021 June 23, 2021 June 16, 2021 August 15, 2020 August 15, 2020 August 15, 2020 May 22, 2021 June 16, 2021 June 16, 2021 June 16, 2021 June 29, 2022 May 31, 2019 November 3, 2021 June 29, 2021 Jule 29, 2021 July 8, 2021	February 8, 2022 August 20, 2022 September 12, 2022 September 12, 2022 October 14, 2022 October 31, 2022 November 30, 2022 April 1, 2021 April 1, 2021 April 21, 2021 May 24, 2021 June 17, 2021 April 22, 2020 March 4, 2021 April 22, 2020 November 5, 2020 May 24, 2021 May 16, 2019 May 16, 2019 May 16, 2019 May 22, 2021 August 3, 2021	February 7, 2022 August 19, 2022 September 9, 2022 December 10, 2022 October 13, 2022 October 29, 2022 November 29, 2022 November 10, 2022 June 23, 2021 April 20, 2021 June 16, 2021 August 15, 2020 November 4, 2020 May 22, 2021 June 16, 2021 June 16, 2021 April 23, 2022 May 31, 2019 February 8, 2022 August 2, 2021 August 10, 2021	0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	days 8 d days 1 d days 0 d	days	Top Slab (20d/bay)  Remove struts and backfilling  Precast Installation  Piling platform erection  Pipe pile installation  Remove of piling platform  Reinstate seawall in  Reinstate seawall  Top Slab (20d/bay)  Remove struts and backfilling  Part 1 - CH89-169 (80m)  Base Slab (12d/bay)  Wall (14d/bay)  Top Slab (20d/bay)  Remove struts and backfilling  Elevated Landscape Deck  Agree Interface Coordination Plan with KL/2014/01 Contractor  Part 1 - CH1919-2007 (88m) 4 bays  Pier (4sats x 3nos) - 15d/set. 1 team  Falsework erection

Task N	Name	Duration	Remaining	Actual Start	Actual Finish	Plan Start	Plan Finish	Late Start	Late Finish	Physical Free	Time Ris	sk Total	1	
			Duration							% Slack	1 -	ices Slack	2019 2020	2021 2022 2023
	Deck (4 bays) & link bridge 18d/bay	72 days	72 days	NA	NA	July 9, 2021	October 2, 2021	August 11, 2021	November 5, 2021	Complete 0 days	(TRA) 1 day	28 days	H1 H2 H1 H2 Sun September 22	H1 H2 H1 H2 H1 H2 H1 H2 H1 H2
	Secondary Upstand Beam	14 days		NA	NA	September 24, 2021	· ·	December 11, 2021	December 29, 2021			65 days		Secondary Upstand Beam
	Dismantle falsework	5 days	5 days	NA	NA	October 29, 2021	November 3, 2021	January 31, 2022	February 8, 2022	0% 49 day	s 0 days	77 days		T Dismantle falsework
	Part 2A - CH2007-2060 (53m) 3 bays	136 days	136 days	NA	NA	July 22, 2021	January 3, 2022	September 8, 2021	February 8, 2022	0% 28 day	s	28 days		Part 2A - Cl- 2007-2 <mark>0</mark> 60 (53m) 3 bays
	Pier (3sets x 3nos) within CH2007-2060. 1 team	45 days	45 days	NA	NA	July 22, 2021	September 11, 202	1 September 8, 2021	November 2, 2021	0% 0 days	0.5 days	41 days		Pier (3sets x 3nos) within CH2007-2060. 1 team
	Falsework erection	7 days	7 days	NA	NA	Sontombor 12, 2021	Santambar 20, 202	1 November 3, 2021	November 10, 2021	0% 12 day	s 0 days	41 days		Falsework erection
	Deck (3 bays) 18d/bay	54 days		NA	NA NA			November 6, 2021	January 11, 2022		1 day	28 days		Deck (3 bays) L8d/bay
	Secondary Upstand Beam	12 days	, .	NA	NA	· · · · · · · · · · · · · · · · · · ·	,	December 30, 2021	January 13, 2022			28 days		Secondary Upstand Beam
	Dismantle falsework	5 days		NA	NA	December 28, 2021		January 31, 2022	February 8, 2022			28 days		Dismantle falsework
_	Part 2A - CH2060-2119 (59m) 3 bays	299 days		NA	NA	June 16, 2020	June 18, 2021	June 29, 2020	November 20, 202			10 days		Part 2A - CH2060-2119 (59m) 3 bays
	Mobilization of plant and material	36 days	36 days	NA	NA	June 16, 2020	July 29, 2020	June 29, 2020	August 10, 2020	0% 0 days	2 days	10 days	<b>Mobi</b>	pilization of plant and material
	Foundation Construction	90 days	90 days	NA	NA	July 30, 2020	October 27, 2020	March 11, 2021	June 8, 2021	0% 63 day	s 1 day	224 days	<u> </u>	Foundation Construction
	Pier (3sets x 3nos) within CH2060-2119. 1 team	45 days	45 days	NA	NA	December 30, 2020	February 24, 2021	June 9, 2021	August 2, 2021	0% 0 days	0.5 days	129 days	i l	Pier (3sets x 3nos) within CH2060-2119. 1 team
	Falsework erection	7 days	7 days	NA	NA	February 25, 2021	March 4, 2021	August 2, 2021	August 10, 2021	0% 0 days	O daye	129 days	i l	Falsework erection
	Deck (3 bays) 18d/bay	54 days		NA	NA NA	March 5, 2021	May 11, 2021	August 3, 2021 August 11, 2021	October 15, 2021	, .	0 days 1 day	129 days	i l	Deck (3 bays) 18d/bay
	Secondary Upstand Beam	12 days	, .	NA	NA	May 12, 2021	May 26, 2021	October 16, 2021	October 29, 2021			129 days	i l	Secondary Upstand Beam
	Dismantle falsework	5 days		NA	NA	June 12, 2021	June 18, 2021	November 16, 2021	November 20, 2021		0 days	129 days	i l	Dismantle falsework
	Installation of Glass Balustrade	42 days	/-	NA	NA		January 29, 2022	March 2, 2022	April 23, 2022	0% 0 days				Installation of Glass Balustrade
_	art 2A - Lift LT1 & LT2	330 days	· ·	NA	NA	January 31, 2022	March 9, 2023	April 25, 2022	May 30, 2023	0% 64 day		64 days		Part 2A - Lift L
_	Mobilization of plant and materials	15 days	15 days	NA	NA	January 31, 2022	February 19, 2022	April 25, 2022	May 11, 2022	0% 0 days	0 days	65 days		Mobilization of plant and materials
_	Foundation Construction	43 days	43 days	NA	NA	February 17, 2022	April 8, 2022	May 9, 2022	June 28, 2022	0% 0 days	0.5 days	65 days	1	Foundation Construction
	RC Structure	28 days	28 days	NA	NA	April 9, 2022	May 14, 2022	June 29, 2022	August 1, 2022	0% 0 days	0.5 days	65 days		RC Structure
	Lift installation (LT1 & LT2)	90 days	90 days	NA	NA	July 27, 2022	November 11, 2022	October 14, 2022	January 31, 2023	0% 0 days	1 day	65 days		Lift installation (LT1 &
	E & M installation	60 days	, .	NA	NA	November 12, 2022	January 25, 2023	February 1, 2023	April 15, 2023	0% 0 days	1 day	65 days		E & M installation
_	Testing & commissioning	12 days		NA	NA	January 26, 2023	February 8, 2023	April 17, 2023	April 29, 2023	0% 0 days		65 days	i l	Testing & commi
_	CLP Meter Installation	0 days	,-	NA	NA	January 2, 2023	January 2, 2023	January 2, 2023	January 2, 2023	0% 0 days		0 days		CLP Meter Installat
_	EMSD Submission Form 5 for Lift Inspection	0 days	/ -	NA	NA		February 8, 2023	May 2, 2023	May 2, 2023	0% 0 days		82 days	i l	EMSD Submissio
_	EMSD Lift Inspection	0 days	1 11/1	NA	NA	February 22, 2023	February 22, 2023	May 16, 2023	May 16, 2023	0% 0 days		82 days		EMSD Lift Inspe
	Issuance of Lift Use Permit	0 days	/ -	NA	NA	March 9, 2023	March 9, 2023	May 30, 2023	May 30, 2023	0% 82 day		82 days	i l	Staircase ST1
_	Staircase ST1  Den Space & Promenade	60 days <b>561 days</b>		NA NA	NA NA	May 16, 2022 July 13, 2021	July 26, 2022 May 30, 2023	August 2, 2022 October 7, 2021	October 13, 2022 May 30, 2023	0% 0 days	1 day	65 days <b>0 days</b>	i l	Open Spa
	Open Space & Promenade (From Northern End - CH1720)	506 days		NA	NA NA	September 15,	May 30, 2023	October 11, 2021	May 30, 2023	0% 0 days		0 days	i l	Open Spa
7	open space a rismendae (rism normen in	see aays	500 44,0			2021	, 50, 2025	000000: 12, 2021	, 50, 2025	o, c		o aays	i l	
	Observation Deck	210 days	210 days	NA	NA	June 4, 2022	February 13, 2023	June 4, 2022	May 30, 2023	0% 0 days		0 days	i l	Observation Dec
	Foundation Construction	60 days	, .	NA	NA	June 4, 2022	August 13, 2022	June 4, 2022	August 13, 2022		3 days	0 days	i l	Foundation Construction
	Structure work	60 days		NA	NA	August 15, 2022	October 26, 2022	September 26, 2022	· ·			35 days	i	Structure work
	Construction of Lift Core	35 days		NA	NA	August 15, 2022	September 25, 202	-	September 26, 202	· ·		0 days	i l	Construction of Lift Core Lift installation
	Lift installation	90 days		NA NA	NA NA	October 27, 2022	February 13, 2023	September 26, 2022	May 30, 2023		s 1 day	85 days	i l	E&M and ABWF work
	E&M and ABWF works  Toilet	60 days <b>366 days</b>		NA NA	NA NA	September 15, 20			December 6, 2022			0 days 0 days	i l	Toilet
	Footing	12 days		NA	NA NA	September 15, 2021		,	October 25, 2021		0 days	20 days	i l	Footing
	Structure work	45 days	- '	NA	NA	September 30, 2021		,	December 16, 2021				i l	Structure work
	MIC toilet unit	24 days		NA	NA			December 17, 2021			0.5 days		i l	MIC toilet unit
	E&M and ABWF works	60 days	· ·	NA	NA			September 26, 2022			3 days	0 days	i l	E&M and ABWF work
	Amphitheater	90 days	90 days	NA	NA	November 24, 2021	March 15, 2022	October 15, 2022	February 1, 2023	0% 264 da	ys 1 day	264 days	i l	Amphit eater
	Fast food kiosk deck	45 days	45 days	NA	NA	November 24, 2021	January 18, 2022	January 26, 2022	March 22, 2022	0% 0 days	0.5 days	51 days	Í	Fast food kipsk deck
	Fast food Kiosk	86 days	86 days	NA	NA	January 19, 2022	May 6, 2022	March 23, 2022	July 7, 2022	0% 0 days	1 day	51 days	i l	Fast lood Ki <mark>o</mark> sk
	Fitness Ground Lawn & Water Play Plaza	82 days	82 days	NA	NA	May 7, 2022	August 12, 2022	July 8, 2022	October 14, 2022	0% 31 day	s 1 day	51 days		Fitness Ground Lawn & Wat
	Stepped Stage and Seating & Back of House Facility	30 days	30 days	NA	NA	August 15, 2022	September 19, 2022	2 September 7, 2022	October 14, 2022	0% 0 days	0.5 days	20 days	í l	Stepped \$tage and Seating
	(under Bridge D3)  Trim and form formation level within Open Space &	45 days	45 days	NA	NA	September 20, 2022	November 12 2022	October 15 2022	December 6, 2022	0% 20 day	s 0.5 days	20 days		Trim and form formati
	Promenade area	+5 days	-5 days		1473	Jeptember 20, 2022		. 5000001 13, 2022	2002Z	20 udy	5 0.5 uays	20 days	i l	
	Paving work	45 days	45 days	NA	NA	December 7, 2022	February 1, 2023	December 7, 2022	February 1, 2023	0% 0 days	2 days	0 days	i l	Paving work
	ABWF, E&M work and street furniture	60 days	60 days	NA	NA	February 2, 2023	April 17, 2023	March 12, 2023	May 27, 2023	0% 0 days	1 day	33 days		ABWF, E&M
	FSD Form 501 Submission for FS Inspection	0 days		NA	NA	March 23, 2023	March 23, 2023	May 1, 2023	May 1, 2023	0% 0 days		38 days	1	FSD Form 501
	FSD Inspection	0 days	- '	NA	NA	April 7, 2023	April 7, 2023	May 16, 2023	May 16, 2023	0% 0 days		38 days		\$ FSD Inspection
	Issuance of FS Certificate	0 days	- '	NA	NA	April 22, 2023	April 22, 2023	May 30, 2023	May 30, 2023	0% 38 day		38 days		Issuance of
	Landscaping works	95 days		NA	NA		May 30, 2023	February 2, 2023	May 30, 2023	0% 0 days		0 days	í l	Landscapi
	Open Space & Promenade (From CH1720 - South End)	447 days	447 days	NA	NA	July 13, 2021	January 6, 2023	October 7, 2021	May 30, 2023	0% 72 day	S	72 days		Open Space & Pro
	Modification (Seawall) CH1720-1820	150 days	150 days	NA	NA	July 13, 2021	January 10, 2022	October 7, 2021	April 8, 2022	0% 0 days	1 day	72 days		Modification (Seawall) CH1720-1820
	Modification (Seawall) CH1820-1920	150 days	150 days	NA	NA	July 13, 2021	January 10, 2022	October 7, 2021	April 8, 2022		1 day	72 days	í l	Modification (Seawall) CH1820-1920
	Temporary toilet	24 days	24 days	NA	NA	July 13, 2021	August 9, 2021	January 31, 2022	March 2, 2022		0.5 days	167 days		Temporary toilet
	Temporary Management Office	45 days	45 days	NA	NA	July 24, 2021	September 14, 202	1 February 15, 2022	April 8, 2022	0% 95 day	s 0.5 days	167 days		Temporary Management Office
	Floating Stage Concrete structure	18 days	18 days	NA	NA	January 11, 2022	January 31, 2022	April 9, 2022	May 3, 2022	0% 0 days	0 days	72 days	i	Floating Stage Concrete structure
'	Stepped Seating at Southern End	24 days	24 days	NA	NA	February 4, 2022	March 3, 2022	May 4, 2022	May 31, 2022	0% 0 days	0.5 days	72 days		Stepped Seating at Southern End
vised Pro	ogramme- Critical Task		Ma	anual Task	Duration	n-only	Baseline Milestone		mary	External Tas	cs		nactive Milestone   Baseline Summary	у
2018/01	1 with Progress Critical Split Split		Sta		Baseline	,	■ Milestone		ual Summary	External Mil			nactive Summary	
	of 22-Sep-19 Critical Brogress Tack Brog													

Task	22092019_Revised Programme with Progress Update as of 22-Sep-19		
	Duration Remaining Actual Start Actual Finish Plan Start Plan Finish Late Start Late Finish Physical Free Time Risk Total    Duration   Slack   Allowances   Slack   S	2022   2023   H2	2024
	Space & 14 days 14 days NA NA March 4, 2022 March 19, 2022 June 1, 2022 June 17, 2022 0% 0 days 72 days September 22 June 17, 2022 0% 0 days 72 days	Trim and form formation le	evel within Open
	30 days 30 days NA NA March 21, 2022 April 28, 2022 June 18, 2022 July 23, 2022 0% 0 days 0.5 days 72 days	Paving work	
	50 days 50 days NA NA April 29, 2022 June 27, 2022 July 28, 2022 September 24, 2022 0% 0 days 1 day 75 days	ABWF, E&M work and	d street furniture
	0 days NA NA June 27, 2022 June 27, 2022 May 1, 2023 May 1, 2023 0% 163 days 307 days	CLP Meter Installatio	on
	0 days	FSD Form !	501 Submission f
	0 days	FSD Inspe	ection
	0 days	<b>↓</b> Issuance	of FS Certificate
	90 days 90 days NA NA August 20, 2022 December 6, 2022 November 16, 2022 March 4, 2023 0% 72 days 1 day 72 days	Landscapin	g works
+	238 days 238 days NA NA August 11, 2022 May 30, 2023 October 6, 2022 May 30, 2023 0% 0 days		Part 1, 2A, 2B -
-	3 days NA NA August 11, 2022 August 13, 2022 October 6, 2022 October 8, 2022 O% 0 days 1 day 45 days	Trim road formation	
	7 days	Lay sub base	
		Lay kerb	
		Construct pedes	strian street/ fo
	14 days 14 days NA NA September 6, 2022 September 1, 2022 November 1, 2022 0% 0 days 1 day 45 days	-     -	
	14 days 14 days NA NA September 23, 2022 October 11, 2022 November 17, 2022 December 2, 2022 0% 0 days 1 day 45 days	Install central r	
	7 days 7 days NA NA October 12, 2022 October 19, 2022 December 3, 2022 December 10, 2022 0% 45 days 0 days 45 days	_ <b>Concrete</b> infill	•
	5 days	Road pave	
	131 days 131 days NA NA December 17, 2022 May 30, 2023 December 17, 2022 May 30, 2023 0% 0 days 6 days 0 days		Install street fur
	0 days		Planned Compl
Se	365 days 365 days NA NA March 6, 2023 May 29, 2024 March 6, 2023 May 29, 2024 0% 0 days 0 days		
	365 days 365 days NA NA March 6, 2023 May 29, 2024 March 6, 2023 May 29, 2024 0% 0 days 10 days 0 days		
	0 days		
Se	152 days 152 days NA NA May 26, 2021 November 24, 2021 June 3, 2021 December 2, 2021 0% 7 days 7 days	Section 8 (Subject to Excision)	
	33 days 33 days NA NA May 26, 2021 July 5, 2021 June 25, 2021 August 3, 2021 0% 0 days 25 days	art 1 - DCS Intake Box Culvert - CHB. 0-5	(5m)
	18 days 18 days NA NA May 26, 2021 June 16, 2021 June 25, 2021 July 16, 2021 0% 0 days 2 days 25 days	mporary ELS & Excavation	
		sitioning of precast intake	
		emove struts and backfilling	
	ulvert 152 days 152 days NA NA May 26, 2021 November 24, 2021 June 3, 2021 December 2, 2021 0% 7 days 7 days	Part 2A - Diversion & abandon of	exta DCS box
		ITA,Temporary ELS & Excavation	
		Diversion of existing DCS box culvert	
		Break up existing box culvert (4 walls	s) + ton slah
	b 35 days 35 days NA NA August 26, 2021 October 7, 2021 September 3, 2021 October 16, 2021 0% 0 days 2 days 7 days	break up existing box curvert (4 wars	s) · top slab
	20 days 20 days NA NA October 8, 2021 November 1, 2021 October 18, 2021 November 9, 2021 0% 0 days 1 days 7 days	Construct new walls at existing box	culvert
	20 days	Abandon existing DCS box culvert	İ
	0 days	Planned Completion for Section 8	3
Se		ection 9 (Subject to Excision)	
		oise barrier fronting to 4B5 at Rd D3A &	Bus Lav Bv ~80
	18 days NA NA November 21, 2020 December 11, 2020 November 30, 2020 December 19, 2020 0% 0 days 1 days 7 days		, ,
		rrier Foundation	
		ame & Panel installation (Night Work)	
		lanned Completion for Section 9	
Se	582 days 582 days NA NA June 5, 2021 May 18, 2023 June 17, 2021 May 30, 2023 0% 9 days 9 days	•	Section 10 (Sub
	581 days 581 days NA NA June 5, 2021 May 17, 2023 June 17, 2021 May 29, 2023 0% 9 days 9 days	-	Decking for Und
	225 days	Support along U-through	
	123 days 123 days NA NA March 8, 2022 August 4, 2022 March 18, 2022 O% 0 days 6 days 9 days	Plinth installation a	
	90 days		beam along un
	115 days 115 days NA NA December 24, 2022 May 17, 2023 January 5, 2023 May 29, 2023 0% 0 days 5 days 9 days	<u>*</u> C	over-up (Roof)
	1 day 1 day NA NA May 18, 2023 May 18, 2023 May 30, 2023 May 30, 2023 0% 0 days 0.5 days 12 days	<b>≱</b> p	

Summary External Tasks Inactive Milestone ♦
Manual Summary External Milestone ♦ Inactive Summary

Project Summary Inactive Task

Inactive Summary

Deadline

Baseline Summary

Title: Revised ProgrammeED/2018/01 with Progress
Update as of 22-Sep-19

Critical Split
Split
Split
Split
Start-only
Baseline Milestone ♦

Milestone
Milestone
Summary Progress
Finish-only
Baseline Split
Summary Progress

## **Appendix C – Weather information**

#### **General Information**

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/04/2020	18.9	21.3	0.2
02/04/2020	19.3	20.7	0.4
03/04/2020	19.4	21.3	0.6
04/04/2020	19.7	24.1	1.1
05/04/2020	16.9	19.9	4.6
06/04/2020	16.1	17.9	21.5
07/04/2020	17.2	21.1	Trace
08/04/2020	18.7	24.0	0
09/04/2020	18.8	25.6	0
10/04/2020	19.9	24.6	0
11/04/2020	20.5	24.3	20.5
12/04/2020	18.1	25.6	0.4
13/04/2020	16.4	25.4	0
14/04/2020	19.6	24.1	0
15/04/2020	19.0	25.9	0
16/04/2020	20.0	28.3	0
17/04/2020	22.0	28.3	0
18/04/2020	22.4	27.8	Trace
19/04/2020	23.7	30.0	0
20/04/2020	24.6	29.4	0
21/04/2020	24.9	30.0	0
22/04/2020	19.4	25.7	25.8
23/04/2020	19.4	21.7	1.3
24/04/2020	18.1	21.4	0.6
25/04/2020	18.4	22.7	0.1
26/04/2020	19.9	27.8	0.7
27/04/2020	21.6	28.5	0
28/04/2020	22.4	27.9	0
29/04/2020	21.7	28.5	0
30/04/2020	22.2	30.3	ned weather station of

NOTE1: The above	weather	information	was	obtained	from	manned	weather	station	of
Hong Kong Observa	torv.								

NOTE2: Trace means rainfall less than 0.05 mm

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2020&m=4

01/05/2020         23.6         30.2         0           02/05/2020         23.9         30         0           03/05/2020         24.9         31.3         0           04/05/2020         25.9         31.5         0           05/05/2020         26.6         29.9         0           06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.7         31.7         0           16/05/2020         26.7         31.7         0           16/05/2020         26.7         32.5         Trace           18/05/2020         26.6         31.7         0           20/05/2020         25	Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
02/05/2020         23.9         30         0           03/05/2020         24.9         31.3         0           04/05/2020         25.9         31.5         0           05/05/2020         26.6         29.9         0           06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.5         32.9         0           17/05/2020         26.7         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.6 </td <td>01/05/2020</td> <td>, ,</td> <td>` '</td> <td>0</td>	01/05/2020	, ,	` '	0
03/05/2020         24.9         31.3         0           04/05/2020         25.9         31.5         0           05/05/2020         26.6         29.9         0           06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.8         28         0.3           14/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020 <td< td=""><td></td><td></td><td></td><td></td></td<>				
04/05/2020         25.9         31.5         0           05/05/2020         26.6         29.9         0           06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         26.7         32.5         Trace           18/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020				
05/05/2020         26.6         29.9         0           06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           21/05/2020         25.5         29.5         84.6           22/05/2020				
06/05/2020         27.2         31.4         0           07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         25.2         29.4         17           23/05/2020				
07/05/2020         27.7         30.8         0           08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020 </td <td></td> <td></td> <td></td> <td></td>				
08/05/2020         28.2         32         0.1           09/05/2020         27.7         31.7         0.1           10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020 </td <td></td> <td></td> <td></td> <td>0</td>				0
10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         26.6         31.1         14.4           27/05/2020				0.1
10/05/2020         26.4         32.4         0.8           11/05/2020         24.2         33.5         14.8           12/05/2020         24.4         30.4         3.6           13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         26.6         31.1         14.4           27/05/2020	09/05/2020	27.7	31.7	0.1
11/05/2020       24.2       33.5       14.8         12/05/2020       24.4       30.4       3.6         13/05/2020       25.8       28       0.3         14/05/2020       25.1       29.8       0.1         15/05/2020       26.7       31.7       0         16/05/2020       26.5       32.9       0         17/05/2020       26.7       32.5       Trace         18/05/2020       24.1       28.6       46.7         19/05/2020       25.6       31.7       0         20/05/2020       25.6       31.7       0         20/05/2020       25.5       29.5       84.6         22/05/2020       25.5       29.5       84.6         22/05/2020       25.5       29.4       17         23/05/2020       24.9       27       1.5         24/05/2020       25.2       29.4       Trace         25/05/2020       24.8       28.1       32.4         26/05/2020       26.6       31.1       14.4         27/05/2020       26.5       30.5       0.1         28/05/2020       26.7       29.5       0.2         29/05/2020       26.7		26.4		0.8
13/05/2020         25.8         28         0.3           14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         25.6         31.7         0           20/05/2020         25.5         29.5         84.6           22/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020 <td></td> <td>24.2</td> <td>33.5</td> <td>14.8</td>		24.2	33.5	14.8
14/05/2020         25.1         29.8         0.1           15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           29/05/2020         24.4         28.5         131.3	12/05/2020	24.4	30.4	3.6
15/05/2020         26.7         31.7         0           16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           29/05/2020         24.4         28.5         131.3	13/05/2020	25.8	28	0.3
16/05/2020         26.5         32.9         0           17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           29/05/2020         24.4         28.5         131.3	14/05/2020	25.1	29.8	0.1
17/05/2020         26.7         32.5         Trace           18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	15/05/2020	26.7	31.7	0
18/05/2020         24.1         28.6         46.7           19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	16/05/2020	26.5	32.9	0
19/05/2020         25.6         31.7         0           20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	17/05/2020	26.7	32.5	Trace
20/05/2020         26.7         28.5         4.3           21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	18/05/2020	24.1	28.6	46.7
21/05/2020         25.5         29.5         84.6           22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	19/05/2020	25.6	31.7	0
22/05/2020         27         29.4         17           23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	20/05/2020	26.7	28.5	4.3
23/05/2020         24.9         27         1.5           24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	21/05/2020	25.5	29.5	84.6
24/05/2020         25.2         29.4         Trace           25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3				
25/05/2020         24.8         28.1         32.4           26/05/2020         26.6         31.1         14.4           27/05/2020         26.5         30.5         0.1           28/05/2020         26.7         29.5         0.2           29/05/2020         26.7         30.8         0.2           30/05/2020         24.4         28.5         131.3	23/05/2020	24.9	27	1.5
26/05/2020     26.6     31.1     14.4       27/05/2020     26.5     30.5     0.1       28/05/2020     26.7     29.5     0.2       29/05/2020     26.7     30.8     0.2       30/05/2020     24.4     28.5     131.3				
27/05/2020     26.5     30.5     0.1       28/05/2020     26.7     29.5     0.2       29/05/2020     26.7     30.8     0.2       30/05/2020     24.4     28.5     131.3				32.4
28/05/2020     26.7     29.5     0.2       29/05/2020     26.7     30.8     0.2       30/05/2020     24.4     28.5     131.3				14.4
29/05/2020     26.7     30.8     0.2       30/05/2020     24.4     28.5     131.3				
30/05/2020 24.4 28.5 131.3				
31/05/2020 27.1 31 Trace  NOTE1: The above weather information was obtained from manned weather station of				

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory.
NOTE2: Trace means rainfall less than 0.05 mm

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2020&m=5

#### General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/06/2020	28.7	32.2	Trace
02/06/2020	27.4	30.5	6.4
03/06/2020	28.7	32.1	Trace
04/06/2020	28.7	32.7	Trace
05/06/2020	27.5	32.3	2.6
06/06/2020	24.1	29.9	183.8
07/06/2020	24.6	29.4	107.4
08/06/2020	25.2	29.3	40.9
09/06/2020	28.1	31.4	1.3
10/06/2020	28.3	31.7	0.2
11/06/2020	28.1	33.9	Trace
12/06/2020	27.8	35	0
13/06/2020	27.6	33.7	11.7
14/06/2020	26	31.5	29.3
15/06/2020	26.3	32.6	0.2
16/06/2020	26.8	31.1	9.4
17/06/2020	27.5	31.7	0.9
18/06/2020	27.7	31.8	0.1
19/06/2020	28.2	32.4	Trace
20/06/2020	28.3	32.7	0
21/06/2020	28.7	32.6	Trace
22/06/2020	29.2	32.6	Trace
23/06/2020	29.1	32.6	0
24/06/2020	29	32.9	0
25/06/2020	29.1	32.4	0.1
26/06/2020	29.4	32	1.3
27/06/2020	28.5	32.5	1.2
28/06/2020	28.5	33	Trace
29/06/2020	28.2	34.2	0.4
30/06/2020	28.7	34.9	Trace

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory.

NOTE2: Trace means rainfall less than 0.05 mm

 $\underline{https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2020\&m=6}$ 

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
1/4/2020	0:00	0.4	0	2/4/2020	0:00	2.2	0	3/4/2020	0:00	1.8	45	4/4/2020	0:00	0.9	0
1/4/2020	1:00	0.4	337.5	2/4/2020	1:00	1.8	22.5	3/4/2020	1:00	1.8	135	4/4/2020	1:00	0.4	0
1/4/2020	2:00	0.4	0	2/4/2020	2:00	2.2	67.5	3/4/2020	2:00	1.3	0	4/4/2020	2:00	0.9	315
1/4/2020	3:00	0.4	0	2/4/2020	3:00	2.2	0	3/4/2020	3:00	1.3	0	4/4/2020	3:00	0.9	315
1/4/2020	4:00	0.4	315	2/4/2020	4:00	2.2	0	3/4/2020	4:00	1.3	315	4/4/2020	4:00	1.3	45
1/4/2020	5:00	0.4	112.5	2/4/2020	5:00	2.2	0	3/4/2020	5:00	0.9	337.5	4/4/2020	5:00	0.9	45
1/4/2020	6:00	0.4	0	2/4/2020	6:00	1.3	0	3/4/2020	6:00	1.8	45	4/4/2020	6:00	1.3	45
1/4/2020	7:00	0	135	2/4/2020	7:00	1.3	90	3/4/2020	7:00	1.3	45	4/4/2020	7:00	1.3	45
1/4/2020	8:00	0	67.5	2/4/2020	8:00	1.3	90	3/4/2020	8:00	1.3	45	4/4/2020	8:00	0.9	112.5
1/4/2020	9:00	0.4	0	2/4/2020	9:00	1.8	112.5	3/4/2020	9:00	0.9	90	4/4/2020	9:00	1.3	45
1/4/2020	10:00	0.4	67.5	2/4/2020	10:00	1.8	90	3/4/2020	10:00	1.8	67.5	4/4/2020	10:00	1.3	12.5
1/4/2020	11:00	0	180	2/4/2020	11:00	1.3	90	3/4/2020	11:00	0.4	45	4/4/2020	11:00	0.9	112.5
1/4/2020	12:00	0	315	2/4/2020	12:00	0.9	112.5	3/4/2020	12:00	0.9	67.5	4/4/2020	12:00	0.4	45
1/4/2020	13:00	0	270	2/4/2020	13:00	0.9	112.5	3/4/2020	13:00	0.9	67.5	4/4/2020	13:00	0.9	45
1/4/2020	14:00	0	112.5	2/4/2020	14:00	1.8	90	3/4/2020	14:00	0.4	45	4/4/2020	14:00	0.9	E45
1/4/2020	15:00	0	112.5	2/4/2020	15:00	1.3	67.5	3/4/2020	15:00	1.3	45	4/4/2020	15:00	1.3	90
1/4/2020	16:00	0.4	90	2/4/2020	16:00	1.3	90	3/4/2020	16:00	1.8	22.5	4/4/2020	16:00	1.8	22.5
1/4/2020	17:00	0.4	135	2/4/2020	17:00	1.3	112.5	3/4/2020	17:00	1.8	45	4/4/2020	17:00	1.8	90
1/4/2020	18:00	0.4	135	2/4/2020	18:00	0.9	112.5	3/4/2020	18:00	1.3	67.5	4/4/2020	18:00	1.3	90
1/4/2020	19:00	0.4	135	2/4/2020	19:00	0.9	112.5	3/4/2020	19:00	1.3	67.5	4/4/2020	19:00	0.4	22.5
1/4/2020	20:00	0.4	112.5	2/4/2020	20:00	1.8	112.5	3/4/2020	20:00	1.3	67.5	4/4/2020	20:00	0.9	67.5
1/4/2020	21:00	0.4	112.5	2/4/2020	21:00	1.3	112.5	3/4/2020	21:00	1.3	0	4/4/2020	21:00	0.9	90
1/4/2020	22:00	0	112.5	2/4/2020	22:00	1.3	112.5	3/4/2020	22:00	1.3	0	4/4/2020	22:00	0.4	22.5
1/4/2020	23:00	0.4	112.5	2/4/2020	23:00	0.9	112.5	3/4/2020	23:00	1.3	0	4/4/2020	23:00	0.4	90

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
5/4/2020	0:00	0.4	112.5	6/4/2020	0:00	1.3	112.5	7/4/2020	0:00	0.4	0	8/4/2020	0:00	0.4	112.5
5/4/2020	1:00	0.4	112.5	6/4/2020	1:00	1.8	112.5	7/4/2020	1:00	0.4	0	8/4/2020	1:00	0.9	112.5
5/4/2020	2:00	0.9	112.5	6/4/2020	2:00	0.4	112.5	7/4/2020	2:00	0.4	315	8/4/2020	2:00	0.9	337.5
5/4/2020	3:00	0.9	112.5	6/4/2020	3:00	0.4	247.5	7/4/2020	3:00	0.4	315	8/4/2020	3:00	1.3	90
5/4/2020	4:00	0.4	112.5	6/4/2020	4:00	0.4	247.5	7/4/2020	4:00	0	315	8/4/2020	4:00	1.3	67.5
5/4/2020	5:00	0.4	112.5	6/4/2020	5:00	0.4	315	7/4/2020	5:00	0.4	112.5	8/4/2020	5:00	1.3	45
5/4/2020	6:00	0.4	112.5	6/4/2020	6:00	0.9	315	7/4/2020	6:00	0.4	112.5	8/4/2020	6:00	0.9	45
5/4/2020	7:00	0.9	112.5	6/4/2020	7:00	0.9	247.5	7/4/2020	7:00	0.4	0	8/4/2020	7:00	1.3	90
5/4/2020	8:00	0.4	112.5	6/4/2020	8:00	0.4	270	7/4/2020	8:00	0.4	22.5	8/4/2020	8:00	0.9	45
5/4/2020	9:00	0.4	112.5	6/4/2020	9:00	0.4	225	7/4/2020	9:00	0.4	22.5	8/4/2020	9:00	1.3	22.5
5/4/2020	10:00	0.4	135	6/4/2020	10:00	0.9	247.5	7/4/2020	10:00	1.3	0	8/4/2020	10:00	0.9	135
5/4/2020	11:00	0.4	135	6/4/2020	11:00	0.4	67.5	7/4/2020	11:00	1.3	112.5	8/4/2020	11:00	0.9	112.5
5/4/2020	12:00	0.4	135	6/4/2020	12:00	0.9	67.5	7/4/2020	12:00	1.3	112.5	8/4/2020	12:00	1.3	157.5
5/4/2020	13:00	0.4	135	6/4/2020	13:00	2.2	247.5	7/4/2020	13:00	1.3	112.5	8/4/2020	13:00	1.3	112.5
5/4/2020	14:00	0.4	225	6/4/2020	14:00	2.2	247.5	7/4/2020	14:00	0.9	112.5	8/4/2020	14:00	1.3	112.5
5/4/2020	15:00	0.4	247.5	6/4/2020	15:00	2.2	247.5	7/4/2020	15:00	0.4	112.5	8/4/2020	15:00	1.3	112.5
5/4/2020	16:00	0.4	247.5	6/4/2020	16:00	2.2	247.5	7/4/2020	16:00	0.9	112.5	8/4/2020	16:00	0.9	112.5
5/4/2020	17:00	0.4	112.5	6/4/2020	17:00	2.2	225	7/4/2020	17:00	0.9	112.5	8/4/2020	17:00	1.3	112.5
5/4/2020	18:00	0.4	135	6/4/2020	18:00	2.2	247.5	7/4/2020	18:00	0.9	112.5	8/4/2020	18:00	0.4	315
5/4/2020	19:00	0.9	225	6/4/2020	19:00	2.2	112.5	7/4/2020	19:00	0.4	67.5	8/4/2020	19:00	0.4	135
5/4/2020	20:00	0.9	225	6/4/2020	20:00	2.2	112.5	7/4/2020	20:00	0.4	90	8/4/2020	20:00	0.4	135
5/4/2020	21:00	0.4	157.5	6/4/2020	21:00	1.8	135	7/4/2020	21:00	0.4	0	8/4/2020	21:00	0.4	112.5
5/4/2020	22:00	0.4	157.5	6/4/2020	22:00	1.8	135	7/4/2020	22:00	0.4	22.5	8/4/2020	22:00	0.4	112.5
5/4/2020	23:00	0.9	157.5	6/4/2020	23:00	1.8	135	7/4/2020	23:00	0.9	67.5	8/4/2020	23:00	0.4	45

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
9/4/2020	0:00	0.4	90	10/4/2020	0:00	0.9	112.5	11/4/2020	0:00	0.9	112.5	12/4/2020	0:00	0.9	247.5
9/4/2020	1:00	0.4	0	10/4/2020	1:00	0.9	202.5	11/4/2020	1:00	0.9	135	12/4/2020	1:00	1.3	225
9/4/2020	2:00	0.9	90	10/4/2020	2:00	0.9	202.5	11/4/2020	2:00	0.4	112.5	12/4/2020	2:00	1.3	225
9/4/2020	3:00	0.9	0	10/4/2020	3:00	1.3	157.5	11/4/2020	3:00	1.3	112.5	12/4/2020	3:00	1.3	247.5
9/4/2020	4:00	0.4	67.5	10/4/2020	4:00	0.9	157.5	11/4/2020	4:00	1.3	112.5	12/4/2020	4:00	0.4	67.5
9/4/2020	5:00	0.9	67.5	10/4/2020	5:00	0.9	112.5	11/4/2020	5:00	0.9	112.5	12/4/2020	5:00	1.3	22.5
9/4/2020	6:00	0.4	112.5	10/4/2020	6:00	0.9	225	11/4/2020	6:00	0.9	112.5	12/4/2020	6:00	1.3	45
9/4/2020	7:00	0.9	112.5	10/4/2020	7:00	0.9	112.5	11/4/2020	7:00	0.9	135	12/4/2020	7:00	0.9	22.5
9/4/2020	8:00	0.4	90	10/4/2020	8:00	0.9	112.5	11/4/2020	8:00	0.9	112.5	12/4/2020	8:00	0.9	22.5
9/4/2020	9:00	0.4	112.5	10/4/2020	9:00	0.4	135	11/4/2020	9:00	0.9	112.5	12/4/2020	9:00	0.4	45
9/4/2020	10:00	0.4	112.5	10/4/2020	10:00	1.8	112.5	11/4/2020	10:00	0.4	112.5	12/4/2020	10:00	0.9	45
9/4/2020	11:00	0.9	112.5	10/4/2020	11:00	1.3	112.5	11/4/2020	11:00	0.9	112.5	12/4/2020	11:00	2.2	45
9/4/2020	12:00	0.9	0	10/4/2020	12:00	0.9	112.5	11/4/2020	12:00	0.9	112.5	12/4/2020	12:00	1.8	225
9/4/2020	13:00	0.4	90	10/4/2020	13:00	2.7	112.5	11/4/2020	13:00	0.4	112.5	12/4/2020	13:00	1.8	247.5
9/4/2020	14:00	0.4	112.5	10/4/2020	14:00	1.8	90	11/4/2020	14:00	0.4	112.5	12/4/2020	14:00	1.8	337.5
9/4/2020	15:00	0.9	90	10/4/2020	15:00	2.7	90	11/4/2020	15:00	0.4	135	12/4/2020	15:00	1.3	315
9/4/2020	16:00	0.4	112.5	10/4/2020	16:00	2.2	112.5	11/4/2020	16:00	0.9	112.5	12/4/2020	16:00	0.9	292.5
9/4/2020	17:00	0.4	112.5	10/4/2020	17:00	1.8	90	11/4/2020	17:00	0.4	135	12/4/2020	17:00	0.9	315
9/4/2020	18:00	0.4	90	10/4/2020	18:00	2.7	90	11/4/2020	18:00	0.9	135	12/4/2020	18:00	0.9	0
9/4/2020	19:00	0.4	112.5	10/4/2020	19:00	2.7	112.5	11/4/2020	19:00	0.4	135	12/4/2020	19:00	1.3	45
9/4/2020	20:00	0.4	135	10/4/2020	20:00	0.9	112.5	11/4/2020	20:00	0.4	112.5	12/4/2020	20:00	1.8	45
9/4/2020	21:00	0.9	90	10/4/2020	21:00	0.9	112.5	11/4/2020	21:00	0.9	112.5	12/4/2020	21:00	1.8	112.5
9/4/2020	22:00	0.9	90	10/4/2020	22:00	1.3	112.5	11/4/2020	22:00	0.9	112.5	12/4/2020	22:00	0.9	45
9/4/2020	23:00	0.4	45	10/4/2020	23:00	1.3	112.5	11/4/2020	23:00	0.9	112.5	12/4/2020	23:00	1.8	22.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
13/4/2020	0:00	0.9	45	14/4/2020	0:00	0.4	135	15/4/2020	0:00	0.4	112.5	16/4/2020	0:00	0	247.5
13/4/2020	1:00	0.9	45	14/4/2020	1:00	0.4	135	15/4/2020	1:00	0	112.5	16/4/2020	1:00	0	247.5
13/4/2020	2:00	0.9	315	14/4/2020	2:00	0.4	112.5	15/4/2020	2:00	0	247.5	16/4/2020	2:00	0	247.5
13/4/2020	3:00	0.9	337.5	14/4/2020	3:00	0.4	157.5	15/4/2020	3:00	0	247.5	16/4/2020	3:00	0	135
13/4/2020	4:00	0.9	337.5	14/4/2020	4:00	0.4	337.5	15/4/2020	4:00	0	247.5	16/4/2020	4:00	0	135
13/4/2020	5:00	0.9	45	14/4/2020	5:00	0.4	315	15/4/2020	5:00	0	135	16/4/2020	5:00	0.4	135
13/4/2020	6:00	0.9	157.5	14/4/2020	6:00	0.4	0	15/4/2020	6:00	0	135	16/4/2020	6:00	0.4	112.5
13/4/2020	7:00	0.4	157.5	14/4/2020	7:00	0.9	135	15/4/2020	7:00	0	135	16/4/2020	7:00	0.4	112.5
13/4/2020	8:00	0.4	135	14/4/2020	8:00	0.4	135	15/4/2020	8:00	0.9	247.5	16/4/2020	8:00	1.3	90
13/4/2020	9:00	0.9	22.5	14/4/2020	9:00	0.9	202.5	15/4/2020	9:00	0.4	247.5	16/4/2020	9:00	1.3	112.5
13/4/2020	10:00	0.9	22.5	14/4/2020	10:00	0.4	202.5	15/4/2020	10:00	0	270	16/4/2020	10:00	1.3	112.5
13/4/2020	11:00	0.9	67.5	14/4/2020	11:00	0.9	202.5	15/4/2020	11:00	0.4	270	16/4/2020	11:00	1.8	90
13/4/2020	12:00	1.3	67.5	14/4/2020	12:00	1.3	67.5	15/4/2020	12:00	0.9	247.5	16/4/2020	12:00	1.8	90
13/4/2020	13:00	1.8	22.5	14/4/2020	13:00	1.3	67.5	15/4/2020	13:00	0.9	292.5	16/4/2020	13:00	1.8	90
13/4/2020	14:00	1.8	45	14/4/2020	14:00	1.8	135	15/4/2020	14:00	0.4	112.5	16/4/2020	14:00	1.3	90
13/4/2020	15:00	1.8	45	14/4/2020	15:00	0.9	337.5	15/4/2020	15:00	0.4	112.5	16/4/2020	15:00	1.8	90
13/4/2020	16:00	0.9	45	14/4/2020	16:00	0.9	337.5	15/4/2020	16:00	0.4	135	16/4/2020	16:00	1.3	90
13/4/2020	17:00	0.9	67.5	14/4/2020	17:00	1.3	135	15/4/2020	17:00	0.9	135	16/4/2020	17:00	1.3	90
13/4/2020	18:00	1.8	67.5	14/4/2020	18:00	1.3	135	15/4/2020	18:00	1.3	90	16/4/2020	18:00	0.9	112.5
13/4/2020	19:00	1.3	0	14/4/2020	19:00	1.3	112.5	15/4/2020	19:00	0.9	90	16/4/2020	19:00	0.9	112.5
13/4/2020	20:00	1.8	22.5	14/4/2020	20:00	0.4	112.5	15/4/2020	20:00	0.9	67.5	16/4/2020	20:00	0.9	90
13/4/2020	21:00	1.8	22.5	14/4/2020	21:00	0.4	112.5	15/4/2020	21:00	0.4	67.5	16/4/2020	21:00	1.3	90
13/4/2020	22:00	1.3	112.5	14/4/2020	22:00	0.4	292.5	15/4/2020	22:00	0	112.5	16/4/2020	22:00	1.3	90
13/4/2020	23:00	1.8	90	14/4/2020	23:00	0.4	337.5	15/4/2020	23:00	0	112.5	16/4/2020	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
17/4/2020	0:00	1.3	112.5	18/4/2020	0:00	0.4	135	19/4/2020	0:00	0.4	202.5	20/4/2020	0:00	0.4	270
17/4/2020	1:00	0.9	112.5	18/4/2020	1:00	0.4	135	19/4/2020	1:00	0.4	247.5	20/4/2020	1:00	0.4	180
17/4/2020	2:00	0.9	112.5	18/4/2020	2:00	0.4	112.5	19/4/2020	2:00	0.4	202.5	20/4/2020	2:00	0.9	157.5
17/4/2020	3:00	0.4	135	18/4/2020	3:00	0.4	112.5	19/4/2020	3:00	0.9	112.5	20/4/2020	3:00	0.9	157.5
17/4/2020	4:00	0.9	337.5	18/4/2020	4:00	0.4	112.5	19/4/2020	4:00	0.4	225	20/4/2020	4:00	0.9	157.5
17/4/2020	5:00	0.9	225	18/4/2020	5:00	0.4	112.5	19/4/2020	5:00	0.4	180	20/4/2020	5:00	1.3	247.5
17/4/2020	6:00	0.4	112.5	18/4/2020	6:00	0.4	112.5	19/4/2020	6:00	0.9	180	20/4/2020	6:00	0.9	247.5
17/4/2020	7:00	0.4	112.5	18/4/2020	7:00	0.4	112.5	19/4/2020	7:00	0.9	135	20/4/2020	7:00	1.3	247.5
17/4/2020	8:00	0.4	315	18/4/2020	8:00	0.9	135	19/4/2020	8:00	0.9	225	20/4/2020	8:00	1.3	247.5
17/4/2020	9:00	0.4	247.5	18/4/2020	9:00	0.4	135	19/4/2020	9:00	0.4	225	20/4/2020	9:00	1.3	225
17/4/2020	10:00	0.9	315	18/4/2020	10:00	0.9	135	19/4/2020	10:00	0.9	225	20/4/2020	10:00	0.9	225
17/4/2020	11:00	0.9	292.5	18/4/2020	11:00	0.4	90	19/4/2020	11:00	0.4	112.5	20/4/2020	11:00	1.3	247.5
17/4/2020	12:00	0.9	270	18/4/2020	12:00	0.4	67.5	19/4/2020	12:00	0.9	247.5	20/4/2020	12:00	1.3	247.5
17/4/2020	13:00	0.9	247.5	18/4/2020	13:00	1.8	247.5	19/4/2020	13:00	1.3	225	20/4/2020	13:00	1.8	247.5
17/4/2020	14:00	0.9	112.5	18/4/2020	14:00	2.2	247.5	19/4/2020	14:00	1.3	270	20/4/2020	14:00	0.9	270
17/4/2020	15:00	1.8	90	18/4/2020	15:00	1.8	247.5	19/4/2020	15:00	1.8	247.5	20/4/2020	15:00	0.9	270
17/4/2020	16:00	1.3	90	18/4/2020	16:00	1.8	247.5	19/4/2020	16:00	2.2	247.5	20/4/2020	16:00	0.9	247.5
17/4/2020	17:00	1.8	90	18/4/2020	17:00	0.9	112.5	19/4/2020	17:00	1.8	247.5	20/4/2020	17:00	0.4	90
17/4/2020	18:00	1.3	112.5	18/4/2020	18:00	2.2	247.5	19/4/2020	18:00	1.3	247.5	20/4/2020	18:00	0.9	112.5
17/4/2020	19:00	1.3	112.5	18/4/2020	19:00	1.8	247.5	19/4/2020	19:00	1.8	225	20/4/2020	19:00	0.9	135
17/4/2020	20:00	0.9	112.5	18/4/2020	20:00	1.3	225	19/4/2020	20:00	1.3	225	20/4/2020	20:00	0.4	90
17/4/2020	21:00	0.9	112.5	18/4/2020	21:00	1.3	247.5	19/4/2020	21:00	0.9	225	20/4/2020	21:00	0.9	112.5
17/4/2020	22:00	0.4	112.5	18/4/2020	22:00	0.4	45	19/4/2020	22:00	0.9	90	20/4/2020	22:00	0.9	112.5
17/4/2020	23:00	0.9	112.5	18/4/2020	23:00	0.4	45	19/4/2020	23:00	0.4	90	20/4/2020	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
21/4/2020	0:00	0.4	135	22/4/2020	0:00	0.4	135	23/4/2020	0:00	0.9	90	24/4/2020	0:00	0.4	112.5
21/4/2020	1:00	0.4	112.5	22/4/2020	1:00	0.4	135	23/4/2020	1:00	1.3	112.5	24/4/2020	1:00	0	157.5
21/4/2020	2:00	0.4	135	22/4/2020	2:00	0.4	135	23/4/2020	2:00	1.8	90	24/4/2020	2:00	0	157.5
21/4/2020	3:00	0.4	135	22/4/2020	3:00	0.9	112.5	23/4/2020	3:00	1.8	90	24/4/2020	3:00	0.4	157.5
21/4/2020	4:00	0.4	112.5	22/4/2020	4:00	0.4	112.5	23/4/2020	4:00	2.2	112.5	24/4/2020	4:00	0.4	337.5
21/4/2020	5:00	0.4	135	22/4/2020	5:00	0.4	22.5	23/4/2020	5:00	2.7	90	24/4/2020	5:00	0.4	0
21/4/2020	6:00	0.9	112.5	22/4/2020	6:00	0.9	22.5	23/4/2020	6:00	2.2	90	24/4/2020	6:00	0.4	22.5
21/4/2020	7:00	0.9	112.5	22/4/2020	7:00	0.4	45	23/4/2020	7:00	1.8	135	24/4/2020	7:00	0.4	22.5
21/4/2020	8:00	0.4	135	22/4/2020	8:00	0.9	45	23/4/2020	8:00	1.3	135	24/4/2020	8:00	0.9	67.5
21/4/2020	9:00	1.3	90	22/4/2020	9:00	0.4	45	23/4/2020	9:00	0.9	112.5	24/4/2020	9:00	0.4	67.5
21/4/2020	10:00	1.8	90	22/4/2020	10:00	0.4	112.5	23/4/2020	10:00	0.4	247.5	24/4/2020	10:00	0.4	67.5
21/4/2020	11:00	1.8	112.5	22/4/2020	11:00	0.9	112.5	23/4/2020	11:00	1.8	225	24/4/2020	11:00	0.9	90
21/4/2020	12:00	1.3	112.5	22/4/2020	12:00	2.2	112.5	23/4/2020	12:00	1.8	112.5	24/4/2020	12:00	1.3	112.5
21/4/2020	13:00	1.3	112.5	22/4/2020	13:00	2.2	90	23/4/2020	13:00	1.8	112.5	24/4/2020	13:00	1.8	112.5
21/4/2020	14:00	1.3	112.5	22/4/2020	14:00	1.3	90	23/4/2020	14:00	1.3	112.5	24/4/2020	14:00	0.4	112.5
21/4/2020	15:00	1.8	112.5	22/4/2020	15:00	1.8	112.5	23/4/2020	15:00	1.8	157.5	24/4/2020	15:00	0.4	90
21/4/2020	16:00	0.9	112.5	22/4/2020	16:00	2.7	112.5	23/4/2020	16:00	0.4	270	24/4/2020	16:00	0.9	157.5
21/4/2020	17:00	0.9	112.5	22/4/2020	17:00	3.1	90	23/4/2020	17:00	0.4	337.5	24/4/2020	17:00	0.4	157.5
21/4/2020	18:00	1.3	112.5	22/4/2020	18:00	2.2	90	23/4/2020	18:00	0.4	315	24/4/2020	18:00	0.4	157.5
21/4/2020	19:00	0.9	112.5	22/4/2020	19:00	1.8	90	23/4/2020	19:00	0.4	337.5	24/4/2020	19:00	0.9	202.5
21/4/2020	20:00	0.9	112.5	22/4/2020	20:00	1.3	67.5	23/4/2020	20:00	0.9	337.5	24/4/2020	20:00	0.9	135
21/4/2020	21:00	0.9	112.5	22/4/2020	21:00	1.3	90	23/4/2020	21:00	0.9	22.5	24/4/2020	21:00	0.4	337.5
21/4/2020	22:00	0.4	112.5	22/4/2020	22:00	1.8	112.5	23/4/2020	22:00	0.4	0	24/4/2020	22:00	0.4	225
21/4/2020	23:00	0.4	135	22/4/2020	23:00	1.3	112.5	23/4/2020	23:00	0.9	0	24/4/2020	23:00	0.4	225

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
25/4/2020	0:00	0.9	22.5	26/4/2020	0:00	0.4	247.5	27/4/2020	0:00	0	22.5	28/4/2020	0:00	0.4	112.5
25/4/2020	1:00	0.9	22.5	26/4/2020	1:00	0.4	247.5	27/4/2020	1:00	0	22.5	28/4/2020	1:00	0.4	112.5
25/4/2020	2:00	0.9	67.5	26/4/2020	2:00	0.4	315	27/4/2020	2:00	0	45	28/4/2020	2:00	0.4	112.5
25/4/2020	3:00	0.4	22.5	26/4/2020	3:00	0.4	90	27/4/2020	3:00	0	90	28/4/2020	3:00	0.4	135
25/4/2020	4:00	0.4	135	26/4/2020	4:00	0.4	90	27/4/2020	4:00	0	90	28/4/2020	4:00	0.4	135
25/4/2020	5:00	0.4	112.5	26/4/2020	5:00	0.4	112.5	27/4/2020	5:00	0.4	112.5	28/4/2020	5:00	1.3	90
25/4/2020	6:00	0.4	112.5	26/4/2020	6:00	0.4	270	27/4/2020	6:00	0.9	112.5	28/4/2020	6:00	1.3	112.5
25/4/2020	7:00	0.4	22.5	26/4/2020	7:00	0.4	270	27/4/2020	7:00	0.4	135	28/4/2020	7:00	1.3	112.5
25/4/2020	8:00	0.4	22.5	26/4/2020	8:00	0.9	270	27/4/2020	8:00	0.9	112.5	28/4/2020	8:00	1.8	90
25/4/2020	9:00	0.4	157.5	26/4/2020	9:00	0.4	292.5	27/4/2020	9:00	0.9	90	28/4/2020	9:00	2.2	112.5
25/4/2020	10:00	0.4	157.5	26/4/2020	10:00	1.8	112.5	27/4/2020	10:00	0.9	135	28/4/2020	10:00	1.8	22.5
25/4/2020	11:00	0.4	247.5	26/4/2020	11:00	1.3	112.5	27/4/2020	11:00	1.3	135	28/4/2020	11:00	2.2	90
25/4/2020	12:00	0.4	337.5	26/4/2020	12:00	1.3	90	27/4/2020	12:00	1.3	112.5	28/4/2020	12:00	1.3	157.5
25/4/2020	13:00	0.4	247.5	26/4/2020	13:00	1.8	112.5	27/4/2020	13:00	1.3	112.5	28/4/2020	13:00	1.3	225
25/4/2020	14:00	0.4	247.5	26/4/2020	14:00	0.9	112.5	27/4/2020	14:00	1.3	90	28/4/2020	14:00	1.3	90
25/4/2020	15:00	0.4	135	26/4/2020	15:00	1.3	112.5	27/4/2020	15:00	1.3	112.5	28/4/2020	15:00	0.9	90
25/4/2020	16:00	1.3	112.5	26/4/2020	16:00	1.3	112.5	27/4/2020	16:00	1.3	112.5	28/4/2020	16:00	1.3	90
25/4/2020	17:00	0.9	135	26/4/2020	17:00	0.9	112.5	27/4/2020	17:00	1.3	112.5	28/4/2020	17:00	1.3	112.5
25/4/2020	18:00	0.9	135	26/4/2020	18:00	0.4	112.5	27/4/2020	18:00	0.9	112.5	28/4/2020	18:00	1.3	112.5
25/4/2020	19:00	0.9	135	26/4/2020	19:00	0.4	135	27/4/2020	19:00	0.9	112.5	28/4/2020	19:00	0.9	112.5
25/4/2020	20:00	0.9	315	26/4/2020	20:00	0.4	135	27/4/2020	20:00	0.9	90	28/4/2020	20:00	0.9	112.5
25/4/2020	21:00	0.4	292.5	26/4/2020	21:00	0.4	225	27/4/2020	21:00	0.4	112.5	28/4/2020	21:00	1.3	112.5
25/4/2020	22:00	0.4	90	26/4/2020	22:00	0.4	202.5	27/4/2020	22:00	0.4	135	28/4/2020	22:00	1.8	112.5
25/4/2020	23:00	0.4	90	26/4/2020	23:00	0.4	225	27/4/2020	23:00	0.4	112.5	28/4/2020	23:00	0.4	247.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/4/2020	0:00	0.9	112.5	30/4/2020	0:00	0.9	112.5								
29/4/2020	1:00	1.3	112.5	30/4/2020	1:00	0.4	112.5								
29/4/2020	2:00	0.9	0	30/4/2020	2:00	0.9	112.5								
29/4/2020	3:00	1.3	112.5	30/4/2020	3:00	0.4	112.5								
29/4/2020	4:00	0.4	247.5	30/4/2020	4:00	0.4	112.5								
29/4/2020	5:00	0.4	270	30/4/2020	5:00	0.4	112.5								
29/4/2020	6:00	0.9	315	30/4/2020	6:00	0.4	112.5								
29/4/2020	7:00	0.4	90	30/4/2020	7:00	0.9	112.5								
29/4/2020	8:00	0.9	157.5	30/4/2020	8:00	0.9	112.5								
29/4/2020	9:00	0.9	45	30/4/2020	9:00	0.9	90								
29/4/2020	10:00	1.8	225	30/4/2020	10:00	1.3	90								
29/4/2020	11:00	1.3	112.5	30/4/2020	11:00	2.2	112.5								
29/4/2020	12:00	1.3	112.5	30/4/2020	12:00	1.8	112.5								
29/4/2020	13:00	1.3	90	30/4/2020	13:00	1.3	112.5								
29/4/2020	14:00	1.8	90	30/4/2020	14:00	1.3	90								
29/4/2020	15:00	1.3	112.5	30/4/2020	15:00	1.3	112.5								
29/4/2020	16:00	1.8	112.5	30/4/2020	16:00	0.9	135								
29/4/2020	17:00	2.2	112.5	30/4/2020	17:00	1.3	112.5								
29/4/2020	18:00	1.8	90	30/4/2020	18:00	0.9	112.5								
29/4/2020	19:00	1.3	90	30/4/2020	19:00	0.9	112.5								
29/4/2020	20:00	2.2	112.5	30/4/2020	20:00	0.4	135								
29/4/2020	21:00	0.9	112.5	30/4/2020	21:00	0.4	112.5								
29/4/2020	22:00	0.4	112.5	30/4/2020	22:00	0.9	112.5								
29/4/2020	23:00	0.4	135	30/4/2020	23:00	0.9	112.5								

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
1/5/2020	0:00	0.4	135	2/5/2020	0:00	0.4	135	3/5/2020	0:00	0.4	292.5	4/5/2020	0:00	1.3	225
1/5/2020	1:00	0.4	135	2/5/2020	1:00	0.4	112.5	3/5/2020	1:00	1.3	247.5	4/5/2020	1:00	0.9	225
1/5/2020	2:00	0.4	135	2/5/2020	2:00	0.4	135	3/5/2020	2:00	0.9	247.5	4/5/2020	2:00	0.9	270
1/5/2020	3:00	0.4	247.5	2/5/2020	3:00	0.4	112.5	3/5/2020	3:00	0.4	180	4/5/2020	3:00	1.3	247.5
1/5/2020	4:00	0.4	112.5	2/5/2020	4:00	0.4	135	3/5/2020	4:00	0.9	225	4/5/2020	4:00	1.8	270
1/5/2020	5:00	0.9	112.5	2/5/2020	5:00	0	112.5	3/5/2020	5:00	0.4	157.5	4/5/2020	5:00	2.2	270
1/5/2020	6:00	0.4	112.5	2/5/2020	6:00	0	112.5	3/5/2020	6:00	0.4	225	4/5/2020	6:00	1.3	247.5
1/5/2020	7:00	0.4	135	2/5/2020	7:00	0.4	67.5	3/5/2020	7:00	0.9	247.5	4/5/2020	7:00	1.3	270
1/5/2020	8:00	0.4	180	2/5/2020	8:00	0.9	90	3/5/2020	8:00	0.9	247.5	4/5/2020	8:00	1.8	247.5
1/5/2020	9:00	0.4	270	2/5/2020	9:00	0.4	112.5	3/5/2020	9:00	1.3	247.5	4/5/2020	9:00	2.2	247.5
1/5/2020	10:00	0.9	247.5	2/5/2020	10:00	0.4	45	3/5/2020	10:00	0.4	270	4/5/2020	10:00	1.8	247.5
1/5/2020	11:00	0.9	247.5	2/5/2020	11:00	0.9	67.5	3/5/2020	11:00	0.4	247.5	4/5/2020	11:00	1.8	270
1/5/2020	12:00	1.3	135	2/5/2020	12:00	0.9	270	3/5/2020	12:00	0.9	247.5	4/5/2020	12:00	1.8	247.5
1/5/2020	13:00	1.8	135	2/5/2020	13:00	0.4	202.5	3/5/2020	13:00	0.4	157.5	4/5/2020	13:00	1.3	135
1/5/2020	14:00	1.3	112.5	2/5/2020	14:00	0.9	225	3/5/2020	14:00	1.3	225	4/5/2020	14:00	1.3	225
1/5/2020	15:00	0.9	135	2/5/2020	15:00	0.9	67.5	3/5/2020	15:00	1.3	225	4/5/2020	15:00	1.3	247.5
1/5/2020	16:00	1.3	112.5	2/5/2020	16:00	0.4	67.5	3/5/2020	16:00	1.8	225	4/5/2020	16:00	1.3	247.5
1/5/2020	17:00	0.9	112.5	2/5/2020	17:00	0.9	67.5	3/5/2020	17:00	1.3	225	4/5/2020	17:00	0.9	247.5
1/5/2020	18:00	0.9	112.5	2/5/2020	18:00	0.4	45	3/5/2020	18:00	0.4	247.5	4/5/2020	18:00	1.3	225
1/5/2020	19:00	0.9	135	2/5/2020	19:00	0.4	67.5	3/5/2020	19:00	0.9	247.5	4/5/2020	19:00	0.9	247.5
1/5/2020	20:00	0.9	112.5	2/5/2020	20:00	0.4	45	3/5/2020	20:00	0.9	247.5	4/5/2020	20:00	1.3	157.5
1/5/2020	21:00	0.4	135	2/5/2020	21:00	0.4	45	3/5/2020	21:00	1.3	225	4/5/2020	21:00	2.2	247.5
1/5/2020	22:00	0.4	180	2/5/2020	22:00	0.4	45	3/5/2020	22:00	1.3	247.5	4/5/2020	22:00	2.7	247.5
1/5/2020	23:00	0.9	225	2/5/2020	23:00	0.4	67.5	3/5/2020	23:00	0.9	247.5	4/5/2020	23:00	1.3	247.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
5/5/2020	0:00	0.4	67.5	6/5/2020	0:00	0.4	67.5	7/5/2020	0:00	0.4	247.5	8/5/2020	0:00	0.9	45
5/5/2020	1:00	0.9	45	6/5/2020	1:00	0.4	270	7/5/2020	1:00	1.3	247.5	8/5/2020	1:00	0.9	45
5/5/2020	2:00	0.4	67.5	6/5/2020	2:00	0.9	202.5	7/5/2020	2:00	1.3	247.5	8/5/2020	2:00	1.3	45
5/5/2020	3:00	0.4	67.5	6/5/2020	3:00	0.9	225	7/5/2020	3:00	1.8	225	8/5/2020	3:00	0.9	67.5
5/5/2020	4:00	0.9	67.5	6/5/2020	4:00	0.9	67.5	7/5/2020	4:00	1.3	247.5	8/5/2020	4:00	0.9	90
5/5/2020	5:00	0.9	45	6/5/2020	5:00	0.9	180	7/5/2020	5:00	0.4	157.5	8/5/2020	5:00	0.9	67.5
5/5/2020	6:00	1.3	90	6/5/2020	6:00	0.4	247.5	7/5/2020	6:00	0.9	225	8/5/2020	6:00	1.3	45
5/5/2020	7:00	0.4	67.5	6/5/2020	7:00	0.4	157.5	7/5/2020	7:00	0.9	157.5	8/5/2020	7:00	1.3	45
5/5/2020	8:00	0.4	90	6/5/2020	8:00	0.4	247.5	7/5/2020	8:00	1.3	157.5	8/5/2020	8:00	0.9	45
5/5/2020	9:00	0.9	67.5	6/5/2020	9:00	0.9	112.5	7/5/2020	9:00	1.3	247.5	8/5/2020	9:00	0.9	45
5/5/2020	10:00	0.4	67.5	6/5/2020	10:00	1.3	247.5	7/5/2020	10:00	1.3	247.5	8/5/2020	10:00	0.9	45
5/5/2020	11:00	0.4	67.5	6/5/2020	11:00	1.3	292.5	7/5/2020	11:00	1.3	247.5	8/5/2020	11:00	0.9	45
5/5/2020	12:00	0.4	67.5	6/5/2020	12:00	0.4	247.5	7/5/2020	12:00	1.3	135	8/5/2020	12:00	0.9	45
5/5/2020	13:00	0.4	90	6/5/2020	13:00	1.3	247.5	7/5/2020	13:00	1.8	225	8/5/2020	13:00	1.3	67.5
5/5/2020	14:00	0.4	45	6/5/2020	14:00	0.9	180	7/5/2020	14:00	1.3	247.5	8/5/2020	14:00	1.3	45
5/5/2020	15:00	0.4	67.5	6/5/2020	15:00	0.4	225	7/5/2020	15:00	0.4	247.5	8/5/2020	15:00	0.9	67.5
5/5/2020	16:00	0.4	45	6/5/2020	16:00	0.9	157.5	7/5/2020	16:00	0.9	247.5	8/5/2020	16:00	0.9	67.5
5/5/2020	17:00	0.4	45	6/5/2020	17:00	0.4	225	7/5/2020	17:00	0.4	225	8/5/2020	17:00	0.9	67.5
5/5/2020	18:00	1.3	67.5	6/5/2020	18:00	0.4	247.5	7/5/2020	18:00	0.4	247.5	8/5/2020	18:00	0.9	67.5
5/5/2020	19:00	0.9	45	6/5/2020	19:00	0.9	247.5	7/5/2020	19:00	0.4	135	8/5/2020	19:00	0.9	67.5
5/5/2020	20:00	0.9	67.5	6/5/2020	20:00	0.9	247.5	7/5/2020	20:00	0.9	225	8/5/2020	20:00	0.9	67.5
5/5/2020	21:00	1.3	45	6/5/2020	21:00	1.3	270	7/5/2020	21:00	0.9	225	8/5/2020	21:00	0.9	67.5
5/5/2020	22:00	1.3	45	6/5/2020	22:00	0.4	247.5	7/5/2020	22:00	0.9	225	8/5/2020	22:00	0.9	67.5
5/5/2020	23:00	1.3	67.5	6/5/2020	23:00	1.3	157.5	7/5/2020	23:00	0.9	247.5	8/5/2020	23:00	0.9	45

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
9/5/2020	0:00	0.4	67.5	10/5/2020	0:00	0.9	45	11/5/2020	0:00	1.3	157.5	12/5/2020	0:00	0.9	67.5
9/5/2020	1:00	0.4	67.5	10/5/2020	1:00	0.9	45	11/5/2020	1:00	1.3	157.5	12/5/2020	1:00	0.4	157.5
9/5/2020	2:00	0.4	90	10/5/2020	2:00	0.4	67.5	11/5/2020	2:00	1.3	135	12/5/2020	2:00	0.4	67.5
9/5/2020	3:00	0.4	45	10/5/2020	3:00	0.4	45	11/5/2020	3:00	1.3	135	12/5/2020	3:00	1.3	22.5
9/5/2020	4:00	0.9	67.5	10/5/2020	4:00	1.3	67.5	11/5/2020	4:00	1.3	180	12/5/2020	4:00	0.9	247.5
9/5/2020	5:00	0.9	67.5	10/5/2020	5:00	1.8	45	11/5/2020	5:00	1.8	180	12/5/2020	5:00	0.4	247.5
9/5/2020	6:00	0.9	45	10/5/2020	6:00	2.2	45	11/5/2020	6:00	1.8	180	12/5/2020	6:00	0.4	67.5
9/5/2020	7:00	0.9	45	10/5/2020	7:00	1.3	67.5	11/5/2020	7:00	1.3	225	12/5/2020	7:00	0.9	112.5
9/5/2020	8:00	0.9	45	10/5/2020	8:00	2.2	67.5	11/5/2020	8:00	1.8	202.5	12/5/2020	8:00	0.4	157.5
9/5/2020	9:00	0.4	45	10/5/2020	9:00	1.8	270	11/5/2020	9:00	1.8	202.5	12/5/2020	9:00	0.4	292.5
9/5/2020	10:00	0.4	247.5	10/5/2020	10:00	1.3	247.5	11/5/2020	10:00	1.3	225	12/5/2020	10:00	0.4	225
9/5/2020	11:00	1.8	247.5	10/5/2020	11:00	1.3	247.5	11/5/2020	11:00	0.9	225	12/5/2020	11:00	0.9	270
9/5/2020	12:00	1.8	247.5	10/5/2020	12:00	1.8	247.5	11/5/2020	12:00	0.4	157.5	12/5/2020	12:00	0.9	247.5
9/5/2020	13:00	1.3	247.5	10/5/2020	13:00	2.2	225	11/5/2020	13:00	0.4	202.5	12/5/2020	13:00	0.4	270
9/5/2020	14:00	1.3	247.5	10/5/2020	14:00	2.2	90	11/5/2020	14:00	0.4	292.5	12/5/2020	14:00	0.4	247.5
9/5/2020	15:00	1.3	247.5	10/5/2020	15:00	1.8	225	11/5/2020	15:00	0	135	12/5/2020	15:00	0.4	112.5
9/5/2020	16:00	0.9	247.5	10/5/2020	16:00	2.2	247.5	11/5/2020	16:00	0.4	225	12/5/2020	16:00	0.4	135
9/5/2020	17:00	0.4	225	10/5/2020	17:00	2.2	90	11/5/2020	17:00	1.3	180	12/5/2020	17:00	0.4	135
9/5/2020	18:00	0	67.5	10/5/2020	18:00	0.9	67.5	11/5/2020	18:00	2.7	180	12/5/2020	18:00	0.9	90
9/5/2020	19:00	0.4	90	10/5/2020	19:00	1.3	67.5	11/5/2020	19:00	0.4	112.5	12/5/2020	19:00	0.4	112.5
9/5/2020	20:00	0.4	67.5	10/5/2020	20:00	1.8	67.5	11/5/2020	20:00	0.4	112.5	12/5/2020	20:00	0.4	135
9/5/2020	21:00	0.4	67.5	10/5/2020	21:00	0.4	45	11/5/2020	21:00	0.4	112.5	12/5/2020	21:00	0.9	135
9/5/2020	22:00	0.4	90	10/5/2020	22:00	0.4	67.5	11/5/2020	22:00	0.9	157.5	12/5/2020	22:00	0.4	112.5
9/5/2020	23:00	0.9	112.5	10/5/2020	23:00	0.9	337.5	11/5/2020	23:00	0.4	225	12/5/2020	23:00	0.4	225

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
13/5/2020	0:00	0.9	112.5	14/5/2020	0:00	0.9	90	15/5/2020	0:00	0.9	247.5	16/5/2020	0:00	0.9	112.5
13/5/2020	1:00	0.9	112.5	14/5/2020	1:00	0.4	45	15/5/2020	1:00	1.3	112.5	16/5/2020	1:00	0.9	112.5
13/5/2020	2:00	0	135	14/5/2020	2:00	0.4	22.5	15/5/2020	2:00	0.9	135	16/5/2020	2:00	0.9	112.5
13/5/2020	3:00	0.4	112.5	14/5/2020	3:00	0.9	90	15/5/2020	3:00	0.9	112.5	16/5/2020	3:00	0.4	135
13/5/2020	4:00	0.4	135	14/5/2020	4:00	0.4	90	15/5/2020	4:00	1.3	135	16/5/2020	4:00	0.4	112.5
13/5/2020	5:00	0	135	14/5/2020	5:00	0.9	45	15/5/2020	5:00	1.3	112.5	16/5/2020	5:00	0.4	90
13/5/2020	6:00	0.4	247.5	14/5/2020	6:00	1.3	90	15/5/2020	6:00	1.8	112.5	16/5/2020	6:00	0.4	112.5
13/5/2020	7:00	0.9	247.5	14/5/2020	7:00	0.9	90	15/5/2020	7:00	1.8	90	16/5/2020	7:00	0.9	90
13/5/2020	8:00	0.4	247.5	14/5/2020	8:00	0.9	67.5	15/5/2020	8:00	2.2	90	16/5/2020	8:00	0.4	112.5
13/5/2020	9:00	0.4	202.5	14/5/2020	9:00	0.9	90	15/5/2020	9:00	2.2	112.5	16/5/2020	9:00	0.4	112.5
13/5/2020	10:00	0.4	112.5	14/5/2020	10:00	1.8	67.5	15/5/2020	10:00	1.8	112.5	16/5/2020	10:00	0.4	112.5
13/5/2020	11:00	0.4	45	14/5/2020	11:00	1.8	45	15/5/2020	11:00	2.2	112.5	16/5/2020	11:00	0.4	90
13/5/2020	12:00	1.3	135	14/5/2020	12:00	1.3	90	15/5/2020	12:00	2.2	112.5	16/5/2020	12:00	2.2	135
13/5/2020	13:00	1.8	90	14/5/2020	13:00	1.3	0	15/5/2020	13:00	2.7	90	16/5/2020	13:00	2.2	135
13/5/2020	14:00	2.2	112.5	14/5/2020	14:00	0.9	22.5	15/5/2020	14:00	1.8	90	16/5/2020	14:00	1.3	112.5
13/5/2020	15:00	1.8	112.5	14/5/2020	15:00	1.8	112.5	15/5/2020	15:00	1.8	112.5	16/5/2020	15:00	1.8	112.5
13/5/2020	16:00	1.3	67.5	14/5/2020	16:00	1.8	112.5	15/5/2020	16:00	1.8	112.5	16/5/2020	16:00	1.3	90
13/5/2020	17:00	1.3	337.5	14/5/2020	17:00	1.8	22.5	15/5/2020	17:00	1.8	90	16/5/2020	17:00	2.7	90
13/5/2020	18:00	2.2	67.5	14/5/2020	18:00	1.8	90	15/5/2020	18:00	0.9	112.5	16/5/2020	18:00	2.7	135
13/5/2020	19:00	1.8	22.5	14/5/2020	19:00	2.2	112.5	15/5/2020	19:00	0.9	112.5	16/5/2020	19:00	2.2	112.5
13/5/2020	20:00	2.2	45	14/5/2020	20:00	2.2	112.5	15/5/2020	20:00	1.3	112.5	16/5/2020	20:00	1.8	135
13/5/2020	21:00	1.3	67.5	14/5/2020	21:00	2.2	112.5	15/5/2020	21:00	0.9	135	16/5/2020	21:00	0.9	135
13/5/2020	22:00	1.8	45	14/5/2020	22:00	1.3	90	15/5/2020	22:00	0.9	135	16/5/2020	22:00	1.3	112.5
13/5/2020	23:00	1.8	45	14/5/2020	23:00	1.3	112.5	15/5/2020	23:00	1.3	90	16/5/2020	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
17/5/2020	0:00	0.9	112.5	18/5/2020	0:00	0.4	22.5	19/5/2020	0:00	0	45	20/5/2020	0:00	0.9	112.5
17/5/2020	1:00	0.4	112.5	18/5/2020	1:00	0.4	247.5	19/5/2020	1:00	0.4	112.5	20/5/2020	1:00	0.4	112.5
17/5/2020	2:00	0.4	112.5	18/5/2020	2:00	1.8	90	19/5/2020	2:00	0	135	20/5/2020	2:00	0.4	112.5
17/5/2020	3:00	0.9	135	18/5/2020	3:00	0.9	112.5	19/5/2020	3:00	0.4	112.5	20/5/2020	3:00	0.4	135
17/5/2020	4:00	0.9	135	18/5/2020	4:00	1.3	112.5	19/5/2020	4:00	0.4	112.5	20/5/2020	4:00	0.4	112.5
17/5/2020	5:00	0	135	18/5/2020	5:00	1.3	112.5	19/5/2020	5:00	0.9	112.5	20/5/2020	5:00	0.4	112.5
17/5/2020	6:00	0	112.5	18/5/2020	6:00	0.9	112.5	19/5/2020	6:00	0.4	135	20/5/2020	6:00	0.4	135
17/5/2020	7:00	0	112.5	18/5/2020	7:00	0.4	112.5	19/5/2020	7:00	0.4	112.5	20/5/2020	7:00	0.9	112.5
17/5/2020	8:00	0	135	18/5/2020	8:00	0.4	112.5	19/5/2020	8:00	0.4	112.5	20/5/2020	8:00	1.8	135
17/5/2020	9:00	0.4	292.5	18/5/2020	9:00	0.4	247.5	19/5/2020	9:00	0.4	112.5	20/5/2020	9:00	1.3	112.5
17/5/2020	10:00	0.4	292.5	18/5/2020	10:00	0.4	67.5	19/5/2020	10:00	0.4	112.5	20/5/2020	10:00	1.3	112.5
17/5/2020	11:00	0.4	292.5	18/5/2020	11:00	1.8	247.5	19/5/2020	11:00	0.9	112.5	20/5/2020	11:00	1.8	112.5
17/5/2020	12:00	0.4	292.5	18/5/2020	12:00	3.1	67.5	19/5/2020	12:00	0.4	90	20/5/2020	12:00	1.8	67.5
17/5/2020	13:00	0.4	292.5	18/5/2020	13:00	3.1	225	19/5/2020	13:00	0.9	202.5	20/5/2020	13:00	1.3	135
17/5/2020	14:00	1.8	180	18/5/2020	14:00	2.7	112.5	19/5/2020	14:00	1.3	135	20/5/2020	14:00	0.4	135
17/5/2020	15:00	1.3	270	18/5/2020	15:00	1.8	247.5	19/5/2020	15:00	1.8	90	20/5/2020	15:00	0.9	67.5
17/5/2020	16:00	2.2	135	18/5/2020	16:00	0.9	247.5	19/5/2020	16:00	2.2	135	20/5/2020	16:00	1.3	67.5
17/5/2020	17:00	1.8	67.5	18/5/2020	17:00	0.4	247.5	19/5/2020	17:00	1.8	157.5	20/5/2020	17:00	1.3	67.5
17/5/2020	18:00	0.9	67.5	18/5/2020	18:00	0.9	22.5	19/5/2020	18:00	1.3	112.5	20/5/2020	18:00	1.3	45
17/5/2020	19:00	0.9	112.5	18/5/2020	19:00	0.9	112.5	19/5/2020	19:00	1.3	112.5	20/5/2020	19:00	0.9	22.5
17/5/2020	20:00	0.9	90	18/5/2020	20:00	0.4	22.5	19/5/2020	20:00	0.9	112.5	20/5/2020	20:00	1.3	67.5
17/5/2020	21:00	0.9	270	18/5/2020	21:00	0.4	225	19/5/2020	21:00	0.4	112.5	20/5/2020	21:00	1.3	247.5
17/5/2020	22:00	0.9	247.5	18/5/2020	22:00	0.9	247.5	19/5/2020	22:00	0.4	112.5	20/5/2020	22:00	0.9	270
17/5/2020	23:00	1.3	270	18/5/2020	23:00	0.4	225	19/5/2020	23:00	0.4	112.5	20/5/2020	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
21/5/2020	0:00	2.2	112.5	22/5/2020	0:00	0.9	45	23/5/2020	0:00	0.9	90	24/5/2020	0:00	1.3	112.5
21/5/2020	1:00	1.3	112.5	22/5/2020	1:00	1.3	45	23/5/2020	1:00	0.9	112.5	24/5/2020	1:00	0.9	157.5
21/5/2020	2:00	0.4	112.5	22/5/2020	2:00	1.3	67.5	23/5/2020	2:00	1.3	90	24/5/2020	2:00	0.9	157.5
21/5/2020	3:00	0.4	135	22/5/2020	3:00	0.9	247.5	23/5/2020	3:00	0.9	90	24/5/2020	3:00	0.9	135
21/5/2020	4:00	1.8	112.5	22/5/2020	4:00	0.9	45	23/5/2020	4:00	0.9	135	24/5/2020	4:00	0.9	270
21/5/2020	5:00	1.8	180	22/5/2020	5:00	0.4	90	23/5/2020	5:00	0.9	90	24/5/2020	5:00	0.9	135
21/5/2020	6:00	0.9	270	22/5/2020	6:00	2.7	247.5	23/5/2020	6:00	0.9	135	24/5/2020	6:00	0.9	112.5
21/5/2020	7:00	0.4	225	22/5/2020	7:00	3.1	247.5	23/5/2020	7:00	1.3	112.5	24/5/2020	7:00	0.9	112.5
21/5/2020	8:00	0.4	247.5	22/5/2020	8:00	2.7	247.5	23/5/2020	8:00	0.9	112.5	24/5/2020	8:00	0.4	112.5
21/5/2020	9:00	0.9	225	22/5/2020	9:00	4	270	23/5/2020	9:00	0.9	90	24/5/2020	9:00	0.9	135
21/5/2020	10:00	0.9	22.5	22/5/2020	10:00	3.6	270	23/5/2020	10:00	1.3	292.5	24/5/2020	10:00	1.3	112.5
21/5/2020	11:00	0.4	22.5	22/5/2020	11:00	4.9	247.5	23/5/2020	11:00	0.9	112.5	24/5/2020	11:00	0.9	112.5
21/5/2020	12:00	0.4	225	22/5/2020	12:00	5.8	225	23/5/2020	12:00	0.9	112.5	24/5/2020	12:00	0.9	112.5
21/5/2020	13:00	0.4	135	22/5/2020	13:00	4.9	270	23/5/2020	13:00	0.4	112.5	24/5/2020	13:00	0.9	112.5
21/5/2020	14:00	1.3	112.5	22/5/2020	14:00	3.1	247.5	23/5/2020	14:00	0.4	112.5	24/5/2020	14:00	0.4	90
21/5/2020	15:00	0.9	112.5	22/5/2020	15:00	1.3	247.5	23/5/2020	15:00	0.9	112.5	24/5/2020	15:00	0.9	90
21/5/2020	16:00	0.9	112.5	22/5/2020	16:00	0.9	112.5	23/5/2020	16:00	1.3	112.5	24/5/2020	16:00	0.9	112.5
21/5/2020	17:00	0.9	112.5	22/5/2020	17:00	1.3	247.5	23/5/2020	17:00	1.3	112.5	24/5/2020	17:00	0.4	112.5
21/5/2020	18:00	0.9	270	22/5/2020	18:00	1.3	247.5	23/5/2020	18:00	1.3	112.5	24/5/2020	18:00	0.9	112.5
21/5/2020	19:00	1.3	247.5	22/5/2020	19:00	0.4	157.5	23/5/2020	19:00	1.3	135	24/5/2020	19:00	0.9	135
21/5/2020	20:00	1.3	112.5	22/5/2020	20:00	0.4	112.5	23/5/2020	20:00	0.9	112.5	24/5/2020	20:00	0.4	112.5
21/5/2020	21:00	1.3	67.5	22/5/2020	21:00	0.4	135	23/5/2020	21:00	0.9	112.5	24/5/2020	21:00	0.9	112.5
21/5/2020	22:00	1.8	45	22/5/2020	22:00	0.4	135	23/5/2020	22:00	0.9	112.5	24/5/2020	22:00	1.3	112.5
21/5/2020	23:00	1.3	67.5	22/5/2020	23:00	0.4	135	23/5/2020	23:00	0.9	112.5	24/5/2020	23:00	1.3	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
25/5/2020	0:00	1.8	112.5	26/5/2020	0:00	0.9	112.5	27/5/2020	0:00	0	202.5	28/5/2020	0:00	0.4	135
25/5/2020	1:00	0.9	112.5	26/5/2020	1:00	0	112.5	27/5/2020	1:00	0	202.5	28/5/2020	1:00	0.4	135
25/5/2020	2:00	0.9	112.5	26/5/2020	2:00	0	112.5	27/5/2020	2:00	0	202.5	28/5/2020	2:00	0.4	67.5
25/5/2020	3:00	0.9	112.5	26/5/2020	3:00	0.4	270	27/5/2020	3:00	0.4	180	28/5/2020	3:00	0.4	90
25/5/2020	4:00	0.9	112.5	26/5/2020	4:00	0.4	225	27/5/2020	4:00	0.9	180	28/5/2020	4:00	0.4	67.5
25/5/2020	5:00	0.4	112.5	26/5/2020	5:00	0.4	247.5	27/5/2020	5:00	0.9	202.5	28/5/2020	5:00	0.4	135
25/5/2020	6:00	0.4	135	26/5/2020	6:00	0.4	45	27/5/2020	6:00	1.3	180	28/5/2020	6:00	0.4	90
25/5/2020	7:00	0.4	135	26/5/2020	7:00	0.4	67.5	27/5/2020	7:00	0.4	180	28/5/2020	7:00	0.4	135
25/5/2020	8:00	0.9	112.5	26/5/2020	8:00	0.4	270	27/5/2020	8:00	1.3	180	28/5/2020	8:00	0.4	135
25/5/2020	9:00	0.9	112.5	26/5/2020	9:00	0.4	90	27/5/2020	9:00	1.8	135	28/5/2020	9:00	0.4	67.5
25/5/2020	10:00	0.9	135	26/5/2020	10:00	0.9	225	27/5/2020	10:00	0.9	135	28/5/2020	10:00	0.4	157.5
25/5/2020	11:00	1.3	135	26/5/2020	11:00	1.3	247.5	27/5/2020	11:00	0.9	135	28/5/2020	11:00	0.9	112.5
25/5/2020	12:00	0.9	112.5	26/5/2020	12:00	1.8	67.5	27/5/2020	12:00	0.4	112.5	28/5/2020	12:00	0.4	135
25/5/2020	13:00	0.9	112.5	26/5/2020	13:00	0.9	247.5	27/5/2020	13:00	0.4	112.5	28/5/2020	13:00	0.4	90
25/5/2020	14:00	0.4	112.5	26/5/2020	14:00	0.9	135	27/5/2020	14:00	0.4	112.5	28/5/2020	14:00	1.3	135
25/5/2020	15:00	1.3	135	26/5/2020	15:00	0.4	112.5	27/5/2020	15:00	0.4	247.5	28/5/2020	15:00	0.9	112.5
25/5/2020	16:00	0.9	112.5	26/5/2020	16:00	0.9	247.5	27/5/2020	16:00	1.3	225	28/5/2020	16:00	0.9	22.5
25/5/2020	17:00	0.4	112.5	26/5/2020	17:00	0.9	112.5	27/5/2020	17:00	0.4	247.5	28/5/2020	17:00	0.9	67.5
25/5/2020	18:00	0.9	112.5	26/5/2020	18:00	0.9	247.5	27/5/2020	18:00	0.9	270	28/5/2020	18:00	0.9	67.5
25/5/2020	19:00	1.3	112.5	26/5/2020	19:00	0.9	157.5	27/5/2020	19:00	0.4	67.5	28/5/2020	19:00	0.4	90
25/5/2020	20:00	1.3	112.5	26/5/2020	20:00	0.4	270	27/5/2020	20:00	0.4	67.5	28/5/2020	20:00	0.9	112.5
25/5/2020	21:00	0.4	112.5	26/5/2020	21:00	0	270	27/5/2020	21:00	0.4	45	28/5/2020	21:00	0.9	112.5
25/5/2020	22:00	0.9	112.5	26/5/2020	22:00	0	315	27/5/2020	22:00	0.4	112.5	28/5/2020	22:00	1.3	22.5
25/5/2020	23:00	0.9	112.5	26/5/2020	23:00	0	22.5	27/5/2020	23:00	0.4	112.5	28/5/2020	23:00	1.3	90

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/5/2020	0:00	0.4	90	30/5/2020	0:00	0.4	112.5	31/5/2020	0:00	0.4	90				
29/5/2020	1:00	0.4	112.5	30/5/2020	1:00	0.4	112.5	31/5/2020	1:00	0.4	112.5				
29/5/2020	2:00	0.4	135	30/5/2020	2:00	2.2	112.5	31/5/2020	2:00	0.4	67.5				
29/5/2020	3:00	0.9	112.5	30/5/2020	3:00	1.8	112.5	31/5/2020	3:00	0.4	90				
29/5/2020	4:00	0.4	270	30/5/2020	4:00	0.4	112.5	31/5/2020	4:00	0.9	90				
29/5/2020	5:00	0.4	135	30/5/2020	5:00	0.9	112.5	31/5/2020	5:00	0.9	67.5				
29/5/2020	6:00	0.4	112.5	30/5/2020	6:00	0.4	157.5	31/5/2020	6:00	0.4	45				
29/5/2020	7:00	0.4	22.5	30/5/2020	7:00	0.9	247.5	31/5/2020	7:00	0.4	67.5				
29/5/2020	8:00	0.4	45	30/5/2020	8:00	0.4	112.5	31/5/2020	8:00	0.9	90				
29/5/2020	9:00	0.4	67.5	30/5/2020	9:00	0.9	247.5	31/5/2020	9:00	0.9	90				
29/5/2020	10:00	0.4	157.5	30/5/2020	10:00	0.4	247.5	31/5/2020	10:00	0.4	90				
29/5/2020	11:00	0.4	45	30/5/2020	11:00	0.4	157.5	31/5/2020	11:00	0.9	67.5				
29/5/2020	12:00	0.4	112.5	30/5/2020	12:00	0.4	112.5	31/5/2020	12:00	0.9	112.5				
29/5/2020	13:00	0.4	112.5	30/5/2020	13:00	0.9	337.5	31/5/2020	13:00	0.9	67.5				
29/5/2020	14:00	1.3	112.5	30/5/2020	14:00	0.4	247.5	31/5/2020	14:00	0.9	67.5				
29/5/2020	15:00	0.4	112.5	30/5/2020	15:00	0.4	112.5	31/5/2020	15:00	0.4	67.5				
29/5/2020	16:00	0.9	112.5	30/5/2020	16:00	0.4	247.5	31/5/2020	16:00	0.9	67.5				
29/5/2020	17:00	0.4	112.5	30/5/2020	17:00	0.9	180	31/5/2020	17:00	0.9	67.5				
29/5/2020	18:00	0.9	112.5	30/5/2020	18:00	0.4	112.5	31/5/2020	18:00	0.9	67.5				
29/5/2020	19:00	0.4	112.5	30/5/2020	19:00	1.3	112.5	31/5/2020	19:00	0.4	67.5				
29/5/2020	20:00	0.4	112.5	30/5/2020	20:00	0.9	112.5	31/5/2020	20:00	0.4	45				
29/5/2020	21:00	1.3	112.5	30/5/2020	21:00	0.4	90	31/5/2020	21:00	0.9	67.5				
29/5/2020	22:00	0.9	112.5	30/5/2020	22:00	0.4	90	31/5/2020	22:00	0.9	45				
29/5/2020	23:00	0.4	112.5	30/5/2020	23:00	1.3	112.5	31/5/2020	23:00	0.9	67.5				

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
01/06/2020	0:00	0.4	67.5	02/06/2020	0:00	0.9	67.5	03/06/2020	0:00	0.9	90	04/06/2020	0:00	0.4	90
01/06/2020	1:00	0.4	90	02/06/2020	1:00	0.4	90	03/06/2020	1:00	0.4	67.5	04/06/2020	1:00	0.9	90
01/06/2020	2:00	0.4	67.5	02/06/2020	2:00	0.4	67.5	03/06/2020	2:00	0.4	67.5	04/06/2020	2:00	0.9	90
01/06/2020	3:00	0.4	45	02/06/2020	3:00	0.9	67.5	03/06/2020	3:00	0.9	67.5	04/06/2020	3:00	0.9	90
01/06/2020	4:00	0.9	45	02/06/2020	4:00	0.9	67.5	03/06/2020	4:00	0.9	67.5	04/06/2020	4:00	0.4	90
01/06/2020	5:00	0.9	67.5	02/06/2020	5:00	0.4	67.5	03/06/2020	5:00	0.4	67.5	04/06/2020	5:00	0.4	90
01/06/2020	6:00	0.9	45	02/06/2020	6:00	0.4	67.5	03/06/2020	6:00	0.4	45	04/06/2020	6:00	0.4	112.5
01/06/2020	7:00	0.4	67.5	02/06/2020	7:00	0.4	90	03/06/2020	7:00	0.4	45	04/06/2020	7:00	0.4	112.5
01/06/2020	8:00	0.4	202.5	02/06/2020	8:00	0.4	67.5	03/06/2020	8:00	0.4	67.5	04/06/2020	8:00	0.9	90
01/06/2020	9:00	0.4	135	02/06/2020	9:00	0.4	67.5	03/06/2020	9:00	0.4	67.5	04/06/2020	9:00	0.9	112.5
01/06/2020	10:00	0.4	67.5	02/06/2020	10:00	1.3	90	03/06/2020	10:00	0.4	45	04/06/2020	10:00	0.9	112.5
01/06/2020	11:00	0.4	67.5	02/06/2020	11:00	1.3	135	03/06/2020	11:00	0	67.5	04/06/2020	11:00	0.9	90
01/06/2020	12:00	0.4	67.5	02/06/2020	12:00	1.3	135	03/06/2020	12:00	0	67.5	04/06/2020	12:00	0.9	112.5
01/06/2020	13:00	0.4	45	02/06/2020	13:00	0.4	90	03/06/2020	13:00	0.4	67.5	04/06/2020	13:00	0.9	90
01/06/2020	14:00	0.4	112.5	02/06/2020	14:00	0.4	67.5	03/06/2020	14:00	0.4	45	04/06/2020	14:00	1.3	22.5
01/06/2020	15:00	0.4	112.5	02/06/2020	15:00	0.4	112.5	03/06/2020	15:00	0.4	45	04/06/2020	15:00	1.3	90
01/06/2020	16:00	0.4	112.5	02/06/2020	16:00	0.9	90	03/06/2020	16:00	0.9	67.5	04/06/2020	16:00	1.3	90
01/06/2020	17:00	0.4	112.5	02/06/2020	17:00	0.9	90	03/06/2020	17:00	0.9	67.5	04/06/2020	17:00	0.9	157.5
01/06/2020	18:00	0.4	112.5	02/06/2020	18:00	0.4	90	03/06/2020	18:00	0.4	45	04/06/2020	18:00	1.3	135
01/06/2020	19:00	0.4	112.5	02/06/2020	19:00	0.9	67.5	03/06/2020	19:00	0.9	67.5	04/06/2020	19:00	1.3	90
01/06/2020	20:00	0.4	112.5	02/06/2020	20:00	0.9	45	03/06/2020	20:00	0.9	67.5	04/06/2020	20:00	0.9	112.5
01/06/2020	21:00	0.4	112.5	02/06/2020	21:00	0.4	112.5	03/06/2020	21:00	0.4	67.5	04/06/2020	21:00	1.3	112.5
01/06/2020	22:00	0.9	112.5	02/06/2020	22:00	0.9	45	03/06/2020	22:00	0.9	90	04/06/2020	22:00	0.4	112.5
01/06/2020	23:00	0.9	67.5	02/06/2020	23:00	0.4	90	03/06/2020	23:00	0.4	225	04/06/2020	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
05/06/2020	0:00	0.9	90	06/06/2020	0:00	0.4	90	07/06/2020	0:00	0.4	90	08/06/2020	0:00	0.9	45
05/06/2020	1:00	1.3	315	06/06/2020	1:00	0.4	67.5	07/06/2020	1:00	0.4	90	08/06/2020	1:00	0.9	67.5
05/06/2020	2:00	0.4	135	06/06/2020	2:00	0.4	67.5	07/06/2020	2:00	0.4	112.5	08/06/2020	2:00	0.9	67.5
05/06/2020	3:00	0.4	112.5	06/06/2020	3:00	0.4	112.5	07/06/2020	3:00	0.9	90	08/06/2020	3:00	0.4	67.5
05/06/2020	4:00	0.9	135	06/06/2020	4:00	0.4	112.5	07/06/2020	4:00	0.9	112.5	08/06/2020	4:00	0.4	112.5
05/06/2020	5:00	0.4	135	06/06/2020	5:00	0.9	67.5	07/06/2020	5:00	0.9	112.5	08/06/2020	5:00	0.4	90
05/06/2020	6:00	0.9	0	06/06/2020	6:00	0.9	67.5	07/06/2020	6:00	1.3	112.5	08/06/2020	6:00	1.3	67.5
05/06/2020	7:00	0.9	22.5	06/06/2020	7:00	0.9	67.5	07/06/2020	7:00	1.3	90	08/06/2020	7:00	1.8	67.5
05/06/2020	8:00	0.9	112.5	06/06/2020	8:00	1.3	45	07/06/2020	8:00	1.8	90	08/06/2020	8:00	0.9	90
05/06/2020	9:00	0.4	135	06/06/2020	9:00	1.8	0	07/06/2020	9:00	1.8	112.5	08/06/2020	9:00	0.4	67.5
05/06/2020	10:00	0.9	112.5	06/06/2020	10:00	1.8	22.5	07/06/2020	10:00	1.3	90	08/06/2020	10:00	0.9	67.5
05/06/2020	11:00	0.4	112.5	06/06/2020	11:00	1.3	22.5	07/06/2020	11:00	0.9	112.5	08/06/2020	11:00	0.9	67.5
05/06/2020	12:00	0.9	90	06/06/2020	12:00	1.3	45	07/06/2020	12:00	1.8	45	08/06/2020	12:00	0.9	67.5
05/06/2020	13:00	0.4	45	06/06/2020	13:00	2.2	22.5	07/06/2020	13:00	2.2	45	08/06/2020	13:00	1.3	22.5
05/06/2020	14:00	0.4	112.5	06/06/2020	14:00	0.9	112.5	07/06/2020	14:00	1.3	45	08/06/2020	14:00	1.3	45
05/06/2020	15:00	0.9	112.5	06/06/2020	15:00	0.9	112.5	07/06/2020	15:00	0.9	112.5	08/06/2020	15:00	0.9	45
05/06/2020	16:00	0.9	135	06/06/2020	16:00	1.3	22.5	07/06/2020	16:00	1.3	135	08/06/2020	16:00	0.9	45
05/06/2020	17:00	0.9	112.5	06/06/2020	17:00	1.3	0	07/06/2020	17:00	1.3	112.5	08/06/2020	17:00	0.9	90
05/06/2020	18:00	1.3	337.5	06/06/2020	18:00	2.2	0	07/06/2020	18:00	1.3	112.5	08/06/2020	18:00	1.3	45
05/06/2020	19:00	1.3	45	06/06/2020	19:00	0.4	22.5	07/06/2020	19:00	1.3	135	08/06/2020	19:00	1.3	90
05/06/2020	20:00	0.9	67.5	06/06/2020	20:00	0.4	90	07/06/2020	20:00	1.3	22.5	08/06/2020	20:00	1.3	45
05/06/2020	21:00	0.4	0	06/06/2020	21:00	0.4	45	07/06/2020	21:00	1.3	135	08/06/2020	21:00	1.3	45
05/06/2020	22:00	0.4	112.5	06/06/2020	22:00	0.4	112.5	07/06/2020	22:00	1.3	135	08/06/2020	22:00	1.3	45
05/06/2020	23:00	0.4	337.5	06/06/2020	23:00	0.9	90	07/06/2020	23:00	1.8	112.5	08/06/2020	23:00	1.3	45

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
09/06/2020	0:00	0.9	67.5	10/06/2020	0:00	0.9	112.5	11/06/2020	0:00	0.4	67.5	12/06/2020	0:00	3.6	22.5
09/06/2020	1:00	0.9	67.5	10/06/2020	1:00	0.9	112.5	11/06/2020	1:00	0.4	67.5	12/06/2020	1:00	2.2	22.5
09/06/2020	2:00	0.9	67.5	10/06/2020	2:00	0.4	90	11/06/2020	2:00	0.4	90	12/06/2020	2:00	1.8	67.5
09/06/2020	3:00	0.4	67.5	10/06/2020	3:00	0.4	112.5	11/06/2020	3:00	0.9	112.5	12/06/2020	3:00	2.2	67.5
09/06/2020	4:00	0.9	90	10/06/2020	4:00	0.4	112.5	11/06/2020	4:00	0.4	112.5	12/06/2020	4:00	2.2	45
09/06/2020	5:00	0.9	67.5	10/06/2020	5:00	0.4	90	11/06/2020	5:00	0.4	90	12/06/2020	5:00	3.1	90
09/06/2020	6:00	0.4	90	10/06/2020	6:00	0.4	90	11/06/2020	6:00	0.4	67.5	12/06/2020	6:00	2.7	90
09/06/2020	7:00	0.9	90	10/06/2020	7:00	0.4	112.5	11/06/2020	7:00	0.4	67.5	12/06/2020	7:00	4	90
09/06/2020	8:00	0.9	90	10/06/2020	8:00	0.9	90	11/06/2020	8:00	0.4	67.5	12/06/2020	8:00	3.1	90
09/06/2020	9:00	0.9	67.5	10/06/2020	9:00	1.3	90	11/06/2020	9:00	0.4	90	12/06/2020	9:00	3.1	90
09/06/2020	10:00	0.4	45	10/06/2020	10:00	1.3	67.5	11/06/2020	10:00	0.9	67.5	12/06/2020	10:00	4.5	90
09/06/2020	11:00	0.9	90	10/06/2020	11:00	1.3	90	11/06/2020	11:00	0.4	67.5	12/06/2020	11:00	3.6	90
09/06/2020	12:00	0.9	45	10/06/2020	12:00	0.9	112.5	11/06/2020	12:00	0.4	90	12/06/2020	12:00	3.6	90
09/06/2020	13:00	0.4	45	10/06/2020	13:00	0.9	90	11/06/2020	13:00	2.7	90	12/06/2020	13:00	3.1	112.5
09/06/2020	14:00	0.9	67.5	10/06/2020	14:00	0.9	90	11/06/2020	14:00	2.7	67.5	12/06/2020	14:00	3.1	112.5
09/06/2020	15:00	0.4	67.5	10/06/2020	15:00	0.9	67.5	11/06/2020	15:00	2.2	67.5	12/06/2020	15:00	2.7	90
09/06/2020	16:00	0.9	67.5	10/06/2020	16:00	1.3	90	11/06/2020	16:00	2.2	67.5	12/06/2020	16:00	2.7	112.5
09/06/2020	17:00	0.4	45	10/06/2020	17:00	1.3	67.5	11/06/2020	17:00	2.2	90	12/06/2020	17:00	1.8	112.5
09/06/2020	18:00	0.4	67.5	10/06/2020	18:00	1.3	90	11/06/2020	18:00	1.8	67.5	12/06/2020	18:00	1.8	90
09/06/2020	19:00	0.9	67.5	10/06/2020	19:00	0.9	90	11/06/2020	19:00	1.8	67.5	12/06/2020	19:00	2.2	90
09/06/2020	20:00	0.9	90	10/06/2020	20:00	0.4	112.5	11/06/2020	20:00	2.7	45	12/06/2020	20:00	1.8	90
09/06/2020	21:00	0.4	45	10/06/2020	21:00	0.4	90	11/06/2020	21:00	1.8	45	12/06/2020	21:00	1.3	112.5
09/06/2020	22:00	0.9	67.5	10/06/2020	22:00	0.4	67.5	11/06/2020	22:00	1.8	67.5	12/06/2020	22:00	1.8	112.5
09/06/2020	23:00	0.9	67.5	10/06/2020	23:00	0.4	90	11/06/2020	23:00	2.2	45	12/06/2020	23:00	0.9	90

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
13/06/2020	0:00	0.4	135	14/06/2020	0:00	0.4	90	15/06/2020	0:00	0.4	90	16/06/2020	0:00	0.9	90
13/06/2020	1:00	0.4	135	14/06/2020	1:00	0.4	90	15/06/2020	1:00	0.4	135	16/06/2020	1:00	0.9	135
13/06/2020	2:00	0.4	135	14/06/2020	2:00	0.4	67.5	15/06/2020	2:00	0.4	180	16/06/2020	2:00	0.4	112.5
13/06/2020	3:00	1.3	135	14/06/2020	3:00	0.4	157.5	15/06/2020	3:00	0.4	180	16/06/2020	3:00	0.9	90
13/06/2020	4:00	0.4	135	14/06/2020	4:00	0.4	112.5	15/06/2020	4:00	0.4	180	16/06/2020	4:00	0.4	90
13/06/2020	5:00	0.4	135	14/06/2020	5:00	0.4	112.5	15/06/2020	5:00	0.4	90	16/06/2020	5:00	0.4	45
13/06/2020	6:00	0.9	135	14/06/2020	6:00	0.4	90	15/06/2020	6:00	0.4	90	16/06/2020	6:00	0.4	135
13/06/2020	7:00	1.3	112.5	14/06/2020	7:00	0.9	112.5	15/06/2020	7:00	0.9	202.5	16/06/2020	7:00	0.4	157.5
13/06/2020	8:00	0.4	67.5	14/06/2020	8:00	0.4	112.5	15/06/2020	8:00	0.9	112.5	16/06/2020	8:00	0.4	90
13/06/2020	9:00	0.4	112.5	14/06/2020	9:00	0.4	112.5	15/06/2020	9:00	0.9	112.5	16/06/2020	9:00	0.4	112.5
13/06/2020	10:00	0.9	112.5	14/06/2020	10:00	0.4	90	15/06/2020	10:00	0.9	112.5	16/06/2020	10:00	0.4	135
13/06/2020	11:00	0.9	112.5	14/06/2020	11:00	0.4	90	15/06/2020	11:00	0.9	112.5	16/06/2020	11:00	0.4	112.5
13/06/2020	12:00	0.9	112.5	14/06/2020	12:00	0.4	112.5	15/06/2020	12:00	1.3	112.5	16/06/2020	12:00	0.4	112.5
13/06/2020	13:00	0.9	112.5	14/06/2020	13:00	1.8	112.5	15/06/2020	13:00	0.9	135	16/06/2020	13:00	0.4	247.5
13/06/2020	14:00	1.3	135	14/06/2020	14:00	1.8	90	15/06/2020	14:00	0.9	112.5	16/06/2020	14:00	0.4	67.5
13/06/2020	15:00	1.3	135	14/06/2020	15:00	1.3	112.5	15/06/2020	15:00	0.9	45	16/06/2020	15:00	0.4	67.5
13/06/2020	16:00	1.3	135	14/06/2020	16:00	0.9	67.5	15/06/2020	16:00	1.3	67.5	16/06/2020	16:00	0.4	67.5
13/06/2020	17:00	1.3	135	14/06/2020	17:00	0.9	90	15/06/2020	17:00	1.3	90	16/06/2020	17:00	0.4	67.5
13/06/2020	18:00	1.3	90	14/06/2020	18:00	1.8	67.5	15/06/2020	18:00	1.3	67.5	16/06/2020	18:00	0.9	45
13/06/2020	19:00	1.3	112.5	14/06/2020	19:00	1.8	135	15/06/2020	19:00	0.9	90	16/06/2020	19:00	1.3	67.5
13/06/2020	20:00	1.3	67.5	14/06/2020	20:00	1.3	90	15/06/2020	20:00	1.3	67.5	16/06/2020	20:00	0.9	45
13/06/2020	21:00	0.9	90	14/06/2020	21:00	0.9	90	15/06/2020	21:00	1.3	67.5	16/06/2020	21:00	0.9	67.5
13/06/2020	22:00	1.3	90	14/06/2020	22:00	1.3	90	15/06/2020	22:00	1.3	112.5	16/06/2020	22:00	0.9	45
13/06/2020	23:00	0.9	90	14/06/2020	23:00	0.9	135	15/06/2020	23:00	1.3	67.5	16/06/2020	23:00	0.9	45

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
17/06/2020	0:00	0.4	67.5	18/06/2020	0:00	0.4	90	19/06/2020	0:00	0.4	45	20/06/2020	0:00	0.4	67.5
17/06/2020	1:00	0.4	67.5	18/06/2020	1:00	0.4	90	19/06/2020	1:00	0.4	90	20/06/2020	1:00	0.4	45
17/06/2020	2:00	0.9	90	18/06/2020	2:00	0.4	67.5	19/06/2020	2:00	0.4	90	20/06/2020	2:00	0.4	90
17/06/2020	3:00	0.9	67.5	18/06/2020	3:00	0.4	67.5	19/06/2020	3:00	0.4	90	20/06/2020	3:00	0.9	67.5
17/06/2020	4:00	0.9	112.5	18/06/2020	4:00	0.4	45	19/06/2020	4:00	0.4	90	20/06/2020	4:00	0.9	90
17/06/2020	5:00	0.9	67.5	18/06/2020	5:00	0.4	112.5	19/06/2020	5:00	0.9	90	20/06/2020	5:00	0.4	67.5
17/06/2020	6:00	0.9	90	18/06/2020	6:00	0.4	135	19/06/2020	6:00	0.9	67.5	20/06/2020	6:00	0.4	90
17/06/2020	7:00	0.9	90	18/06/2020	7:00	0.9	90	19/06/2020	7:00	0.9	90	20/06/2020	7:00	0.9	67.5
17/06/2020	8:00	0.4	67.5	18/06/2020	8:00	0.9	112.5	19/06/2020	8:00	0.4	112.5	20/06/2020	8:00	0.9	45
17/06/2020	9:00	0.4	67.5	18/06/2020	9:00	0.4	90	19/06/2020	9:00	0.4	67.5	20/06/2020	9:00	0.9	67.5
17/06/2020	10:00	0.9	67.5	18/06/2020	10:00	0.9	90	19/06/2020	10:00	0.9	90	20/06/2020	10:00	0.9	67.5
17/06/2020	11:00	0.9	112.5	18/06/2020	11:00	0.9	90	19/06/2020	11:00	0.9	270	20/06/2020	11:00	0.4	67.5
17/06/2020	12:00	0.9	90	18/06/2020	12:00	0.4	90	19/06/2020	12:00	0.4	247.5	20/06/2020	12:00	0.4	247.5
17/06/2020	13:00	0.9	67.5	18/06/2020	13:00	0.4	112.5	19/06/2020	13:00	0.9	225	20/06/2020	13:00	0.9	270
17/06/2020	14:00	0.9	90	18/06/2020	14:00	0.4	112.5	19/06/2020	14:00	1.3	247.5	20/06/2020	14:00	0.9	45
17/06/2020	15:00	0.9	112.5	18/06/2020	15:00	0.9	90	19/06/2020	15:00	2.2	247.5	20/06/2020	15:00	0.9	67.5
17/06/2020	16:00	1.3	112.5	18/06/2020	16:00	1.8	90	19/06/2020	16:00	2.2	247.5	20/06/2020	16:00	1.3	225
17/06/2020	17:00	1.3	112.5	18/06/2020	17:00	1.3	90	19/06/2020	17:00	1.8	45	20/06/2020	17:00	0.9	67.5
17/06/2020	18:00	0.9	67.5	18/06/2020	18:00	1.3	112.5	19/06/2020	18:00	1.3	45	20/06/2020	18:00	1.8	45
17/06/2020	19:00	1.3	67.5	18/06/2020	19:00	0.9	112.5	19/06/2020	19:00	1.8	45	20/06/2020	19:00	0.9	45
17/06/2020	20:00	1.3	67.5	18/06/2020	20:00	0.9	90	19/06/2020	20:00	3.1	45	20/06/2020	20:00	0.9	45
17/06/2020	21:00	1.3	90	18/06/2020	21:00	1.3	90	19/06/2020	21:00	1.8	45	20/06/2020	21:00	0.9	45
17/06/2020	22:00	0.9	90	18/06/2020	22:00	1.3	90	19/06/2020	22:00	1.3	67.5	20/06/2020	22:00	1.3	45
17/06/2020	23:00	2.2	247.5	18/06/2020	23:00	1.8	112.5	19/06/2020	23:00	1.3	45	20/06/2020	23:00	1.3	45

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
21/06/2020	0:00	0.4	45	22/06/2020	0:00	0.9	45	23/06/2020	0:00	0.4	67.5	24/06/2020	0:00	0.9	67.5
21/06/2020	1:00	0.4	67.5	22/06/2020	1:00	0.4	45	23/06/2020	1:00	0.9	67.5	24/06/2020	1:00	0.4	90
21/06/2020	2:00	0.4	67.5	22/06/2020	2:00	0.4	67.5	23/06/2020	2:00	0.9	45	24/06/2020	2:00	0.4	90
21/06/2020	3:00	0.4	67.5	22/06/2020	3:00	0.9	90	23/06/2020	3:00	0.4	45	24/06/2020	3:00	0.9	67.5
21/06/2020	4:00	0.4	45	22/06/2020	4:00	0.9	67.5	23/06/2020	4:00	0.4	45	24/06/2020	4:00	0.9	90
21/06/2020	5:00	0.4	67.5	22/06/2020	5:00	0.4	67.5	23/06/2020	5:00	0.4	67.5	24/06/2020	5:00	0.4	112.5
21/06/2020	6:00	0.4	45	22/06/2020	6:00	0.9	67.5	23/06/2020	6:00	0.9	67.5	24/06/2020	6:00	0.9	67.5
21/06/2020	7:00	0.4	45	22/06/2020	7:00	0.9	90	23/06/2020	7:00	0.9	45	24/06/2020	7:00	0.9	67.5
21/06/2020	8:00	0.9	45	22/06/2020	8:00	0.9	45	23/06/2020	8:00	0.4	45	24/06/2020	8:00	0.9	67.5
21/06/2020	9:00	0.9	45	22/06/2020	9:00	0.9	67.5	23/06/2020	9:00	0.9	67.5	24/06/2020	9:00	0.9	67.5
21/06/2020	10:00	0.9	45	22/06/2020	10:00	0.9	45	23/06/2020	10:00	0.9	67.5	24/06/2020	10:00	0.4	90
21/06/2020	11:00	1.3	67.5	22/06/2020	11:00	0.9	45	23/06/2020	11:00	0.9	67.5	24/06/2020	11:00	1.3	90
21/06/2020	12:00	0.9	45	22/06/2020	12:00	0.9	45	23/06/2020	12:00	0.9	67.5	24/06/2020	12:00	1.3	112.5
21/06/2020	13:00	0.4	45	22/06/2020	13:00	0.9	45	23/06/2020	13:00	0.9	67.5	24/06/2020	13:00	1.3	90
21/06/2020	14:00	0.9	22.5	22/06/2020	14:00	0.9	45	23/06/2020	14:00	1.3	112.5	24/06/2020	14:00	1.3	90
21/06/2020	15:00	0.9	45	22/06/2020	15:00	0.9	67.5	23/06/2020	15:00	0.9	67.5	24/06/2020	15:00	1.3	45
21/06/2020	16:00	0.9	45	22/06/2020	16:00	0.9	90	23/06/2020	16:00	1.3	112.5	24/06/2020	16:00	1.3	67.5
21/06/2020	17:00	0.9	45	22/06/2020	17:00	0.9	90	23/06/2020	17:00	0.9	45	24/06/2020	17:00	0.9	67.5
21/06/2020	18:00	0.4	45	22/06/2020	18:00	1.3	67.5	23/06/2020	18:00	0.9	67.5	24/06/2020	18:00	0.9	45
21/06/2020	19:00	0.4	45	22/06/2020	19:00	1.8	45	23/06/2020	19:00	1.3	67.5	24/06/2020	19:00	1.8	67.5
21/06/2020	20:00	0.9	45	22/06/2020	20:00	1.8	45	23/06/2020	20:00	1.3	67.5	24/06/2020	20:00	2.2	67.5
21/06/2020	21:00	0.4	45	22/06/2020	21:00	1.3	45	23/06/2020	21:00	0.9	67.5	24/06/2020	21:00	0.9	45
21/06/2020	22:00	0.9	45	22/06/2020	22:00	1.3	67.5	23/06/2020	22:00	0.9	67.5	24/06/2020	22:00	0.4	90
21/06/2020	23:00	0.9	45	22/06/2020	23:00	1.3	67.5	23/06/2020	23:00	1.8	90	24/06/2020	23:00	0.9	90

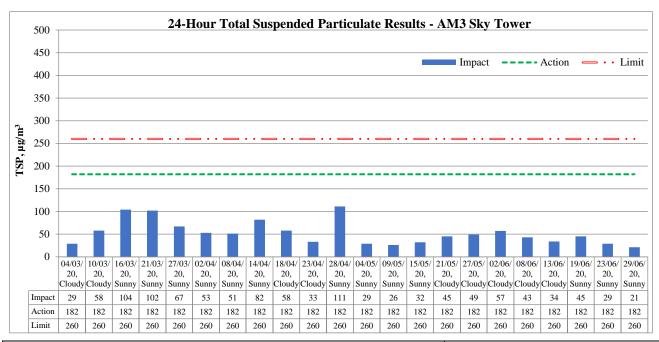
Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
25/06/2020	0:00	0.4	90	26/06/2020	0:00	0.4	67.5	27/06/2020	0:00	0.4	135	28/06/2020	0:00	1.3	112.5
25/06/2020	1:00	0.4	67.5	26/06/2020	1:00	0.4	90	27/06/2020	1:00	0.4	67.5	28/06/2020	1:00	1.3	112.5
25/06/2020	2:00	0.9	67.5	26/06/2020	2:00	0.4	90	27/06/2020	2:00	0.4	67.5	28/06/2020	2:00	0.9	90
25/06/2020	3:00	1.3	90	26/06/2020	3:00	0.9	112.5	27/06/2020	3:00	0.4	90	28/06/2020	3:00	1.3	112.5
25/06/2020	4:00	0.4	90	26/06/2020	4:00	0.4	135	27/06/2020	4:00	0.4	112.5	28/06/2020	4:00	1.3	112.5
25/06/2020	5:00	0.4	112.5	26/06/2020	5:00	0.4	112.5	27/06/2020	5:00	0.4	90	28/06/2020	5:00	0.9	112.5
25/06/2020	6:00	0.4	90	26/06/2020	6:00	0.4	90	27/06/2020	6:00	0.9	112.5	28/06/2020	6:00	1.3	112.5
25/06/2020	7:00	0.4	67.5	26/06/2020	7:00	0.4	90	27/06/2020	7:00	0.9	112.5	28/06/2020	7:00	1.3	112.5
25/06/2020	8:00	0.4	67.5	26/06/2020	8:00	0.4	67.5	27/06/2020	8:00	0.9	112.5	28/06/2020	8:00	1.3	90
25/06/2020	9:00	0.4	90	26/06/2020	9:00	0.4	90	27/06/2020	9:00	0.4	112.5	28/06/2020	9:00	1.3	112.5
25/06/2020	10:00	0.4	90	26/06/2020	10:00	0.4	90	27/06/2020	10:00	0.9	112.5	28/06/2020	10:00	0.9	112.5
25/06/2020	11:00	0.9	67.5	26/06/2020	11:00	0.4	90	27/06/2020	11:00	0.9	135	28/06/2020	11:00	0.9	270
25/06/2020	12:00	0.9	112.5	26/06/2020	12:00	0.4	112.5	27/06/2020	12:00	1.3	112.5	28/06/2020	12:00	0.9	135
25/06/2020	13:00	0.9	112.5	26/06/2020	13:00	0.4	67.5	27/06/2020	13:00	0.9	112.5	28/06/2020	13:00	0.9	135
25/06/2020	14:00	0.4	90	26/06/2020	14:00	0.4	157.5	27/06/2020	14:00	1.3	90	28/06/2020	14:00	0.4	135
25/06/2020	15:00	0.4	90	26/06/2020	15:00	0.9	112.5	27/06/2020	15:00	0.9	112.5	28/06/2020	15:00	0.9	135
25/06/2020	16:00	0.4	67.5	26/06/2020	16:00	0.4	180	27/06/2020	16:00	1.3	112.5	28/06/2020	16:00	0.4	135
25/06/2020	17:00	0.9	45	26/06/2020	17:00	0.4	67.5	27/06/2020	17:00	0.9	112.5	28/06/2020	17:00	0.9	67.5
25/06/2020	18:00	0.9	67.5	26/06/2020	18:00	0.4	67.5	27/06/2020	18:00	0.4	67.5	28/06/2020	18:00	0.4	112.5
25/06/2020	19:00	0.9	112.5	26/06/2020	19:00	0.9	67.5	27/06/2020	19:00	0.4	67.5	28/06/2020	19:00	0.4	45
25/06/2020	20:00	0.9	90	26/06/2020	20:00	0.9	67.5	27/06/2020	20:00	0.9	90	28/06/2020	20:00	0.4	45
25/06/2020	21:00	0.9	90	26/06/2020	21:00	0.4	45	27/06/2020	21:00	0.9	67.5	28/06/2020	21:00	0.4	45
25/06/2020	22:00	0.4	67.5	26/06/2020	22:00	0.9	67.5	27/06/2020	22:00	1.3	112.5	28/06/2020	22:00	0.9	67.5
25/06/2020	23:00	0.4	90	26/06/2020	23:00	0.9	67.5	27/06/2020	23:00	1.3	90	28/06/2020	23:00	0.4	90

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/06/2020	0:00	0.9	112.5	30/06/2020	0:00	0.9	112.5								
29/06/2020	1:00	1.3	112.5	30/06/2020	1:00	0.9	112.5								
29/06/2020	2:00	1.3	90	30/06/2020	2:00	1.8	112.5								
29/06/2020	3:00	0.9	90	30/06/2020	3:00	1.3	90								
29/06/2020	4:00	1.3	112.5	30/06/2020	4:00	1.8	112.5								
29/06/2020	5:00	1.3	90	30/06/2020	5:00	1.3	112.5								
29/06/2020	6:00	0.9	112.5	30/06/2020	6:00	1.8	112.5								
29/06/2020	7:00	0.4	112.5	30/06/2020	7:00	1.8	112.5								
29/06/2020	8:00	0.9	112.5	30/06/2020	8:00	1.8	112.5								
29/06/2020	9:00	1.3	112.5	30/06/2020	9:00	2.2	112.5								
29/06/2020	10:00	0.9	112.5	30/06/2020	10:00	2.2	112.5								
29/06/2020	11:00	0.9	112.5	30/06/2020	11:00	2.2	112.5								
29/06/2020	12:00	1.3	90	30/06/2020	12:00	1.8	112.5								
29/06/2020	13:00	0.9	90	30/06/2020	13:00	1.8	112.5								
29/06/2020	14:00	1.3	112.5	30/06/2020	14:00	1.8	67.5								
29/06/2020	15:00	1.8	112.5	30/06/2020	15:00	1.3	135								
29/06/2020	16:00	0.9	112.5	30/06/2020	16:00	1.3	112.5								
29/06/2020	17:00	0.9	112.5	30/06/2020	17:00	1.3	112.5								
29/06/2020	18:00	1.3	112.5	30/06/2020	18:00	0.4	90								
29/06/2020	19:00	1.3	112.5	30/06/2020	19:00	0.9	90								
29/06/2020	20:00	1.8	135	30/06/2020	20:00	1.3	90								
29/06/2020	21:00	1.3	135	30/06/2020	21:00	1.3	90								
29/06/2020	22:00	1.3	112.5	30/06/2020	22:00	0.9	67.5								
29/06/2020	23:00	1.3	112.5	30/06/2020	23:00	0.9	90								

# Appendix D – Monitoring data and graphical plots

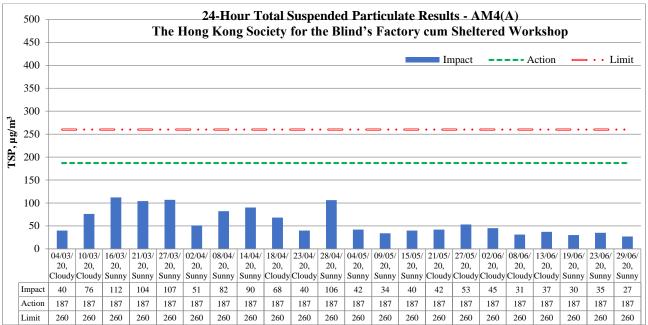
#### 24-hour average TSP

Air Monito	ring Station	AM3 – Sky Tower	AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	AM7 – Hong Kong Children's Hospital
Start Date	Weather	24-hr Average TSP Concentration, μg/m <sup>3</sup>	24-hr Average TSP Concentration, µg/m <sup>3</sup>	24-hr Average TSP Concentration, µg/m <sup>3</sup>
4/3/2020	Cloudy	29	40	21
10/3/2020	Cloudy	58	76	52
16/3/2020	Sunny	104	112	104
21/3/2020	Sunny	102	104	87
27/3/2020	Sunny	67	107	47
2/4/2020	Sunny	53	51	49
8/4/2020	Sunny	51	82	57
14/4/2020	Sunny	82	90	84
18/4/2020	Cloudy	58	68	66
23/4/2020	Cloudy	33	40	34
28/4/2020	Sunny	111	106	106
4/5/2020	Sunny	29	42	30
9/5/2020	Sunny	26	34	31
15/5/2020	Sunny	32	40	29
21/5/2020	Cloudy	45	42	27
27/5/2020	Cloudy	49	53	40
2/6/2020	Cloudy	57	45	44
8/6/2020	Cloudy	43	31	37
13/6/2020	Cloudy	34	37	45
19/6/2020	Sunny	45	30	38
23/6/2020	Sunny	29	35	36
29/6/2020	Sunny	21	27	29



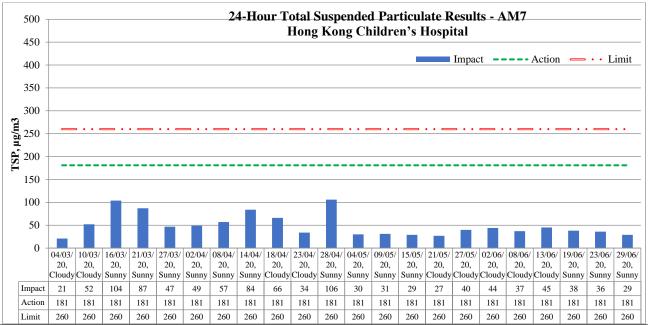
	Reporting Period					
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020		
Ground Investigation	✓	✓				
Underground Utilities Detection	✓					
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	✓					
Underpass						
Pumping Test at North Depressed Road Cofferdam	✓	✓				
Construction of Bored Pile of Bridge D3	✓			✓		
ELS Installation & Excavation for North Depressed Road	✓					
Sheet pile Installation at South Depressed Road		✓				
Bored Pile Construction for Bridge D3		✓				
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓				
North Approach Ramp – Erection and dismantle of timber formwork and concreting of			<b>√</b>			
base slab, columns and walls			•			
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install			<b>√</b>			
steel cages, concreting, ground investigation)			,			
North Depressed Road – Excavation, fabrication and installation of steel members for			✓			
ELS, pumping test			,			
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓			
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓			
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating						
underground utilities			<b>✓</b>			
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓		
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓		
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓		
Construction of base slab, walls and columns for North Approach Ramp				✓		
Permanent Structure Construction for North Depressed Road	-			✓		

	Reporting Period					
Factors might affect the monitoring results	Mar 2020	Apr 2020	May 2020	Jun 2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		
In the afternoon of 28 April 2020, 3 yachts caught fire in Kwun Tong Typhoon Shelter off Hoi Bun Road was occurred. Emergency personnel were called in soon after 1430 when a boat burst into flames and the flames had been extinguished by 1700. The fire may affect 24-hour average TSP monitoring results at AM3, AM4(A) and AM7 on 28 April 2020.		<b>~</b>				



		Reportin	g Period	
Major Construction Activities	Mar	Apr	May	Jun
	2020	2020	2020	2020
Ground Investigation	<b>✓</b>	✓		
Underground Utilities Detection	<b>✓</b>			
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	<b>✓</b>			
Underpass				
Pumping Test at North Depressed Road Cofferdam	✓	✓		
Construction of Bored Pile of Bridge D3	<b>√</b>			✓
ELS Installation & Excavation for North Depressed Road	✓			
Sheet pile Installation at South Depressed Road		✓		
Bored Pile Construction for Bridge D3		✓		
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓		
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓	
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓	
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓	
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓	
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓	
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓	
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓
Construction of base slab, walls and columns for North Approach Ramp				✓
Permanent Structure Construction for North Depressed Road	_			✓

	Reporting Period					
Factors might affect the monitoring results	Mar 2020	Apr 2020	May 2020	Jun 2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		
In the afternoon of 28 April 2020, 3 yachts caught fire in Kwun Tong Typhoon Shelter off Hoi Bun Road was occurred. Emergency personnel were called in soon after 1430 when a boat burst into flames and the flames had been extinguished by 1700. The fire may affect 24-hour average TSP monitoring results at AM3, AM4(A) and AM7 on 28 April 2020.		~				



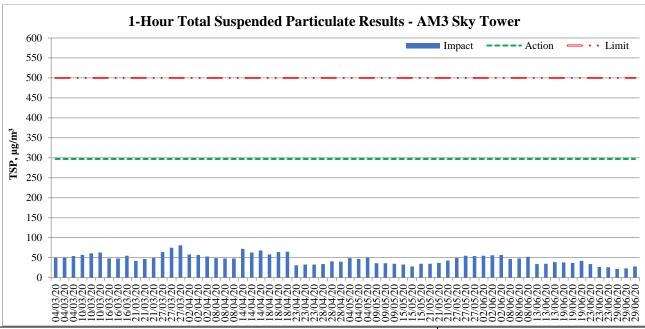
	Reporting Period					
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020		
Ground Investigation	✓	✓				
Underground Utilities Detection	✓					
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	✓					
Underpass						
Pumping Test at North Depressed Road Cofferdam	✓	✓				
Construction of Bored Pile of Bridge D3	✓			✓		
ELS Installation & Excavation for North Depressed Road	✓					
Sheet pile Installation at South Depressed Road		✓				
Bored Pile Construction for Bridge D3		✓				
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓				
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓			
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓			
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓			
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓			
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓			
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓			
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓		
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓		
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓		
Construction of base slab, walls and columns for North Approach Ramp				✓		
Permanent Structure Construction for North Depressed Road				✓		

	Reporting Period					
Factors might affect the monitoring results	Mar 2020	Apr 2020	May 2020	Jun 2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		
In the afternoon of 28 April 2020, 3 yachts caught fire in Kwun Tong Typhoon Shelter off Hoi Bun Road was occurred. Emergency personnel were called in soon after 1430 when a boat burst into flames and the flames had been extinguished by 1700. The fire may affect 24-hour average TSP monitoring results at AM3, AM4(A) and AM7 on 28 April 2020.		<b>✓</b>				

## 1-hour average TSP

Air M	onitoring St	atio	n	AM3 – Sky Tower				
Date	Measure	mei	nt Period	Weather	1-hr Average TSP			
					Concentration, µg/m <sup>3</sup>			
4/3/2020	13:00	-	14:00		50			
4/3/2020	14:00	-	15:00	Cloudy	51			
4/3/2020	15:00	-	16:00		54			
10/3/2020	9:00	-	10:00		57			
10/3/2020	10:00	-	11:00	Cloudy	61			
10/3/2020	11:00	-	12:00		63			
16/3/2020	13:00	-	14:00		48			
16/3/2020	14:00	-	15:00	Sunny	48			
16/3/2020	15:00	-	16:00		55			
21/3/2020	13:00	-	14:00		42			
21/3/2020	14:00	-	15:00	Sunny	47			
21/3/2020	15:00	-	16:00		50			
27/3/2020	9:00	-	10:00		64			
27/3/2020	10:00	-	11:00	Sunny	75			
27/3/2020	11:00	-	12:00		81			
2/4/2020	10:00	-	11:00		58			
2/4/2020	11:00	-	12:00	Sunny	57			
2/4/2020	17:00	-	18:00		53			
8/4/2020	13:00	-	14:00		49			
8/4/2020	14:00	-	15:00	Sunny	48			
8/4/2020	15:00	-	16:00		48			
14/4/2020	13:30	-	14:30		72			
14/4/2020	14:30	-	15:30	Sunny	63			
14/4/2020	15:30	-	16:30		68			
18/4/2020	11:00	-	12:00		58			
18/4/2020	13:00	-	14:00	Cloudy	64			
18/4/2020	14:00	-	15:00		65			
23/4/2020	8:30	-	9:30		31			
23/4/2020	9:30	-	10:30	Cloudy	33			
23/4/2020	10:30	-	11:30		33			
28/4/2020	9:00	-	10:00		34			
28/4/2020	10:00	-	11:00	Sunny	41			
28/4/2020	11:00	-	12:00		40			
4/5/2020	10:00	-	11:00		49			
4/5/2020	11:00	L-	12:00	Sunny	47			
4/5/2020	16:30	-	17:30		51			
9/5/2020	13:00	-	14:00		36			
9/5/2020	14:00	-	15:00	Sunny	36			
9/5/2020	15:00	_	16:00		35			
15/5/2020	9:00	_	10:00		33			
15/5/2020	10:00	-	11:00	Sunny	28			
15/5/2020	11:00	-	12:00		35			
21/5/2020	13:00	-	14:00		35			
21/5/2020	14:00	-	15:00	Cloudy	37			
21/5/2020	15:00	_	16:00		43			
27/5/2020	9:00	-	10:00		50			
27/5/2020	10:00	_	11:00	Cloudy	55			
27/5/2020	11:00	-	12:00		54			

Air M	onitoring S	tatio	n	AM3 – Sky Tower				
Date	Measur	emer	nt Period	Weather	1-hr Average TSP Concentration, μg/m <sup>3</sup>			
2/6/2020	13:00	-	14:00		55			
2/6/2020	14:00	-	15:00	Cloudy	56			
2/6/2020	15:00	-	16:00		57			
8/6/2020	13:00	-	14:00		47			
8/6/2020	14:00	-	15:00	Cloudy	48			
8/6/2020	15:00	-	16:00	1	52			
13/6/2020	9:00	-	10:00		34			
13/6/2020	10:00	-	11:00	Cloudy	35			
13/6/2020	11:00	-	12:00		39			
19/6/2020	13:00	-	14:00		38			
19/6/2020	14:00	-	15:00	Sunny	37			
19/6/2020	15:00	-	16:00		42			
23/6/2020	9:00	-	10:00		34			
23/6/2020	10:00	-	11:00	Sunny	27			
23/6/2020	11:00	-	12:00		26			
29/6/2020	9:00	-	10:00		22			
29/6/2020	10:00	-	11:00	Sunny	23			
29/6/2020	11:00	-	12:00		28			

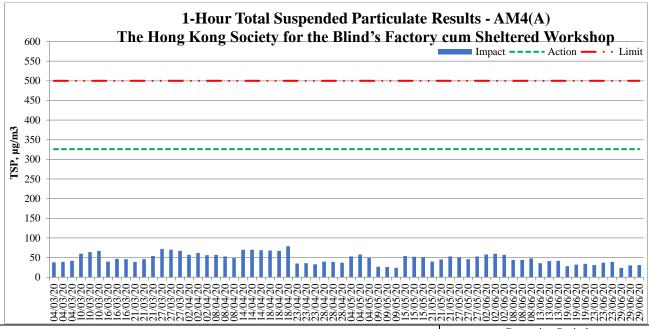


		Reporting Period					
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020			
Ground Investigation	✓	✓					
Underground Utilities Detection	✓						
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	✓						
Underpass							
Pumping Test at North Depressed Road Cofferdam	✓	✓					
Construction of Bored Pile of Bridge D3	✓			<b>✓</b>			
ELS Installation & Excavation for North Depressed Road	✓						
Sheet pile Installation at South Depressed Road		✓					
Bored Pile Construction for Bridge D3		✓					
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓					
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓				
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓				
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓				
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓				
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓				
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓				
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓			
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓			
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓			
Construction of base slab, walls and columns for North Approach Ramp				✓			
Permanent Structure Construction for North Depressed Road				✓			

	Reporting Period					
Factors might affect the monitoring results	Mar	Apr	May	Jun		
	2020	2020	2020	2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

Air Mo	onitoring Stat	ion	AM4(A) – The Hong Kong Society for the Blind's Factor cum Sheltered Workshop				
Date	Measurem	ent Period	Weather	1-hr Average TSP Concentration, μg/m <sup>3</sup>			
4/3/2020	9:00	10:00		38			
4/3/2020	9:00 -	11.00	Cloudy	39			
4/3/2020	11:00	1.00	Cloudy	42			
10/3/2020 10/3/2020	13:00	1	Clauder	60			
	14:00	10.00	Cloudy	64			
10/3/2020	15:00						
16/3/2020	9:00	10.00	G	40 47			
16/3/2020	10:00	11.00	Sunny				
16/3/2020	11:00			46			
21/3/2020	9:00 -	10.00	g	39			
21/3/2020	10:00	11:00	Sunny	46			
21/3/2020	11:00	12.00		54			
27/3/2020	13:00	11.00		72			
27/3/2020	14:00		Sunny	70			
27/3/2020	15:00 -	10.00		67			
2/4/2020	10:00	11.00		57			
2/4/2020	11:00	12.00	Sunny	62			
2/4/2020	17:00	10.00		56			
8/4/2020	9:00			57			
8/4/2020	10:00	11.00	Sunny	53			
8/4/2020	11:00	12:00		49			
14/4/2020	13:00	14:00		70			
14/4/2020	14:00	15:00	Sunny	70			
14/4/2020	15:00	16:00		69			
18/4/2020	9:00 -	10:00		68			
18/4/2020	10:00	11:00	Cloudy	67			
18/4/2020	11:00	12:00		79			
23/4/2020	9:00 -	10:00		35			
23/4/2020	10:00	11:00	Cloudy	36			
23/4/2020	11:00 -	12:00		33			
28/4/2020	9:00 -	10:00		40			
28/4/2020	10:00 -	11:00	Sunny	39			
28/4/2020	11:00 -	12:00	,	37			
4/5/2020	13:00 -	14:00		53			
4/5/2020	14:00	15:00	Sunny	58			
4/5/2020	15:00	1		50			
9/5/2020	9:00 -	10:00		27			
9/5/2020	10:00 -	44.00	Sunny	26			
9/5/2020	11:00	10.00	<u> </u>	24			
15/5/2020	9:00	10.00		54			
15/5/2020	10:00	11.00	Sunny	52			
15/5/2020	11:00		,	51			
21/5/2020	9:00	10.00		40			
21/5/2020	10:00	11.00	Cloudy	45			
21/5/2020	11:00	12.00		53			
27/5/2020	9:00	10.00		51			
27/5/2020	10:00		Cloudy	46			
27/5/2020	11:00	12:00	. Croudy	53			
2/6/2020	9:00	10.00		58			
2,0,2020	2.00	10.00	Cloudy	20			

Air M	onitoring S	tatio	n	AM4(A) – The Hong Kong Society for the Blind's Fact cum Sheltered Workshop				
Date	Measurement Period		nt Period	Weather	1-hr Average TSP Concentration, µg/m <sup>3</sup>			
2/6/2020	11:00	-	12:00		57			
8/6/2020	13:00	-	14:00		44			
8/6/2020	14:00	-	15:00	Cloudy	44			
8/6/2020	15:00	-	16:00		48			
13/6/2020	8:35	-	9:35		36			
13/6/2020	9:35	-	10:35	Cloudy	41			
13/6/2020	10:35	-	11:35		42			
19/6/2020	13:00	-	14:00		28			
19/6/2020	14:00	-	15:00	Sunny	32			
19/6/2020	15:00	-	16:00		34			
23/6/2020	9:00	-	10:00		31			
23/6/2020	10:00	-	11:00	Sunny	37			
23/6/2020	11:00	-	12:00		39			
29/6/2020	9:00	-	10:00		24			
29/6/2020	10:00	-	11:00	Sunny	30			
29/6/2020	11:00	-	12:00		31			

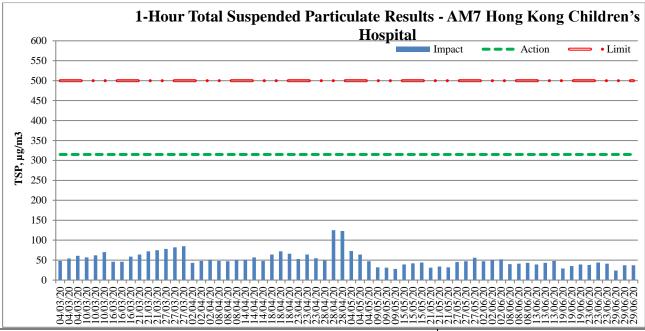


		Reporting Period				
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020		
Ground Investigation	✓	✓				
Underground Utilities Detection	✓					
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	✓					
Underpass						
Pumping Test at North Depressed Road Cofferdam	✓	✓				
Construction of Bored Pile of Bridge D3	<b>✓</b>			<b>\</b>		
ELS Installation & Excavation for North Depressed Road	<b>~</b>					
Sheet pile Installation at South Depressed Road		✓				
Bored Pile Construction for Bridge D3		✓				
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓				
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓			
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓			
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓			
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓			
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓			
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓			
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓		
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓		
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓		
Construction of base slab, walls and columns for North Approach Ramp				✓		
Permanent Structure Construction for North Depressed Road				✓		

	Reporting Period					
Factors might affect the monitoring results	Mar	Apr	May	Jun		
	2020	2020	2020	2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

Air M	onitoring S	tatio	n	AM7 – Hong Kong Children's Hospital		
Date	Measure	emer	nt Period	Weather	1-hr Average TSP	
					Concentration, μg/m <sup>3</sup>	
4/3/2020	13:00	-	14:00		48	
4/3/2020	14:00	-	15:00	Cloudy	54	
4/3/2020	15:00	-	16:00		61	
10/3/2020	13:00	-	14:00		57	
10/3/2020	14:00	-	15:00	Cloudy	62	
10/3/2020	15:00	-	16:00		70	
16/3/2020	9:00	-	10:00		46	
16/3/2020	10:00	-	11:00	Sunny	46	
16/3/2020	11:00	-	12:00		59	
21/3/2020	9:00	-	10:00		64	
21/3/2020	10:00	-	11:00	Sunny	72	
21/3/2020	11:00	-	12:00		75	
27/3/2020	9:00	-	10:00		78	
27/3/2020	10:00	-	11:00	Sunny	82	
27/3/2020	11:00	-	12:00	_	85	
2/4/2020	13:00	-	14:00		43	
2/4/2020	14:00	-	15:00	Sunny	48	
2/4/2020	15:00	_	16:00		51	
8/4/2020	9:00	_	10:00		48	
8/4/2020	10:00	_	11:00	Sunny	47	
8/4/2020	11:00	_	12:00	2 42223	50	
14/4/2020	9:00	1_	10:00		51	
14/4/2020	10:00	-	11:00	Sunny	57	
14/4/2020	11:00	<b>-</b>	12:00		48	
18/4/2020	13:00	_	14:00		64	
18/4/2020	14:00	<b>+</b> -	15:00	Cloudy	72	
18/4/2020	15:00	-	16:00		66	
23/4/2020	13:00	<b>+</b> -	14:00		53	
23/4/2020	14:00	<b>-</b>	15:00	Cloudy	64	
23/4/2020	15:00	+	16:00	Cloudy	55	
28/4/2020	13:00	-	14:00		49	
28/4/2020	14:00	+-	15:00	Sunny	125	
28/4/2020	15:00	-	16:00	Sumy	123	
4/5/2020	9:00	-	10:00		73	
4/5/2020	10:00	+ - 1	11:00	Sunny	64	
4/5/2020	11:00	-	12:00	Sumy	47	
9/5/2020	9:00	-	10:00		32	
9/5/2020	10:00	+-	11:00	Cumny	31	
		-	12:00	Sunny	28	
9/5/2020	11:00	-				
15/5/2020	13:00	-	14:00	C	39	
15/5/2020	14:00	-	15:00	Sunny	42	
15/5/2020	15:00	-	16:00		44	
21/5/2020	9:00	-	10:00	G1 1	31	
21/5/2020	10:00	-	11:00	Cloudy	34	
21/5/2020	11:00	-	12:00		32	
27/5/2020	13:30	-	14:30		45	
27/5/2020	14:30	-	15:30	Cloudy	47	
27/5/2020	15:30	-	16:30		56	
2/6/2020	9:00	-	10:00		47	
2/6/2020	10:00	-	11:00	Cloudy	51	
2/6/2020	11:00	-	12:00		52	

Air M	onitoring St	tatio	n	AM7 – Hong Kong Children's Hospital			
Date	Measure	emer	nt Period	Weather	1-hr Average TSP Concentration, μg/m <sup>3</sup>		
8/6/2020	10:00	-	11:00		40		
8/6/2020	11:00	-	12:00	Cloudy	41		
8/6/2020	17:00	-	18:00		43		
13/6/2020	13:00	-	14:00		39		
13/6/2020	14:00	-	15:00	Cloudy	43		
13/6/2020	15:00	-	16:00	_	48		
19/6/2020	9:30	-	10:30		29		
19/6/2020	10:30	-	11:30	Sunny	35		
19/6/2020	17:00	-	18:00	-	39		
23/6/2020	13:00	-	14:00		38		
23/6/2020	14:00	-	15:00	Sunny	44		
23/6/2020	15:00	-	16:00	_	41		
29/6/2020	13:00	-	14:00		24		
29/6/2020	14:00	-	15:00	Sunny	37		
29/6/2020	15:00	-	16:00		37		

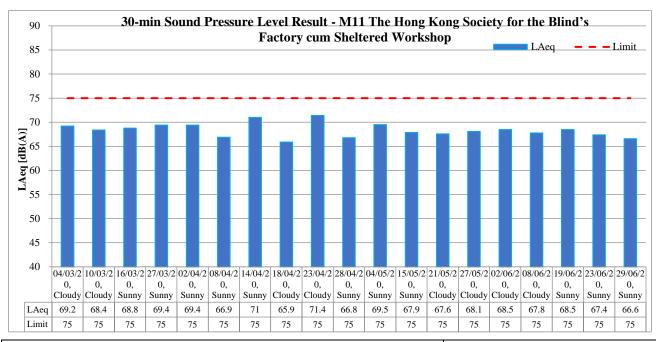


		Reportin	g Period	
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020
Ground Investigation	✓	✓		
Underground Utilities Detection	✓			
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	✓			
Underpass				
Pumping Test at North Depressed Road Cofferdam	✓	✓		
Construction of Bored Pile of Bridge D3	✓			✓
ELS Installation & Excavation for North Depressed Road	✓			
Sheet pile Installation at South Depressed Road		✓		
Bored Pile Construction for Bridge D3		✓		
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓		
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓	
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓	
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓	
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓	
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓	
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓	
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓
Construction of base slab, walls and columns for North Approach Ramp				✓
Permanent Structure Construction for North Depressed Road				✓

	Reporting Period						
Factors might affect the monitoring results	Mar	Apr	May	Jun			
	2020	2020	2020	2020			
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓			
In the afternoon of 28 April 2020, 3 yachts caught fire in Kwun Tong Typhoon Shelter off Hoi Bun Road was occurred. Emergency personnel were called in soon after 1430 when a boat burst into flames and the flames had been extinguished by 1700. The fire may affect the 1-hour average TSP monitoring results at AM7 on 28 April 2020.		<b>√</b>					

#### **30-minute Noise**

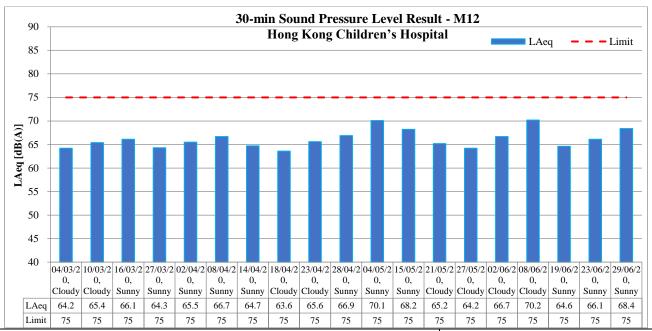
Noise Mo	onitoring	Sta	ition	M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop					
Date	Measurement Period		I lata			Weather	L <sub>Aeq</sub> , dB(A)	$L_{A10}$ , $dB(A)$	L <sub>A90</sub> , dB(A)
04/03/2020	10:38	-	11:08	Cloudy	69.2	71.5	64.1		
10/03/2020	13:05	1	13:35	Cloudy	68.4	72.3	64.8		
16/03/2020	10:10	1	10:40	Sunny	68.8	71.2	64.7		
27/03/2020	13:15	-	13:45	Sunny	69.4	73.0	65.2		
02/04/2020	11:30	1	12:00	Sunny	69.4	71.1	66.2		
08/04/2020	11:11	-	11:41	Sunny	66.9	70.0	62.0		
14/04/2020	13:40	1	14:10	Sunny	71.0	74.0	64.1		
18/04/2020	11:15	1	11:45	Cloudy	65.9	68.5	60.9		
23/04/2020	10:05	1	10:35	Cloudy	71.4	73.4	63.6		
28/04/2020	10:25	1	10:55	Sunny	66.8	70.5	63.4		
04/05/2020	14:17	1	14:47	Sunny	69.5	72.4	64.2		
15/05/2020	9:20	-	9:50	Sunny	67.9	70.8	62.8		
21/05/2020	11:29	-	11:59	Cloudy	67.6	71.0	60.7		
27/05/2020	9:10	-	9:40	Cloudy	68.1	70.4	63.1		
02/06/2020	9:54	-	10:24	Cloudy	68.5	71.2	63.0		
08/06/2020	15:00	-	15:30	Cloudy	67.8	70.9	64.1		
19/06/2020	14:34	1	15:04	Sunny	68.5	71.5	61.3		
23/06/2020	11:03	-	11:33	Sunny	67.4	70.1	60.9		
29/06/2020	11:08	1	11:38	Sunny	66.6	67.0	66.1		



		Reportin	g Period	
Major Construction Activities	Mar	Apr	May	Jun
	2020	2020	2020	2020
Ground Investigation	✓	✓		
Underground Utilities Detection	✓			
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3	$\checkmark$			
Underpass				
Pumping Test at North Depressed Road Cofferdam	✓	✓		
Construction of Bored Pile of Bridge D3	✓			✓
ELS Installation & Excavation for North Depressed Road	✓			
Sheet pile Installation at South Depressed Road		✓		
Bored Pile Construction for Bridge D3		✓		
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓		
North Approach Ramp – Erection and dismantle of timber formwork and concreting of			<b>√</b>	
base slab, columns and walls			•	
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install				
steel cages, concreting, ground investigation)			·	
North Depressed Road – Excavation, fabrication and installation of steel members for			✓	
ELS, pumping test			·	
South Depressed Road - Fabrication and installation of steel members for ELS, pumping			✓	
test				
Noise Barriers – Breaking protection layer of the existing footings to expose the buried			✓	
couplers, ground investigation (ADH6)				
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating			✓	
underground utilities				
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				<b>√</b>
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				<b>√</b>
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓
Construction of base slab, walls and columns for North Approach Ramp				<b>√</b>
Permanent Structure Construction for North Depressed Road				✓

	Reporting Period						
Factors might affect the monitoring results	Mar	Apr	May	Jun			
	2020	2020	2020	2020			
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓			

Noise Monitoring Station			tion	M12 - Hong Kong Children's Hospital				
Date	Measurement Period			Weather	L <sub>Aeq</sub> , dB(A)	$L_{A10}$ , $dB(A)$	L <sub>A90</sub> , dB(A)	
04/03/2020	14:27	-	14:57	Cloudy	64.2	66.6	61.7	
10/03/2020	15:00	-	15:30	Cloudy	65.4	68.3	61.9	
16/03/2020	11:10	-	11:40	Sunny	66.1	67.7	62.7	
27/03/2020	10:10	-	10:40	Sunny	64.3	67.5	61.8	
02/04/2020	15:15	-	15:45	Sunny	65.5	67.3	63.1	
08/04/2020	9:17	-	9:47	Sunny	66.7	67.4	65.5	
14/04/2020	9:37	-	10:07	Sunny	64.7	66.4	62.4	
18/04/2020	14:00	-	14:30	Cloudy	63.6	64.9	62.0	
23/04/2020	15:44	-	16:14	Cloudy	65.6	67.3	63.1	
28/04/2020	13:23	-	13:53	Sunny	66.9	69.2	62.9	
04/05/2020	9:34	-	10:04	Sunny	70.1	74.6	62.9	
15/05/2020	13:38	-	14:08	Sunny	68.2	71.2	61.6	
21/05/2020	13:00	-	13:30	Cloudy	65.2	65.4	61.1	
27/05/2020	13:57	-	14:27	Cloudy	64.2	65.6	62.7	
02/06/2020	11:14	-	11:44	Cloudy	66.7	68.1	63.5	
08/06/2020	11:24	-	11:54	Cloudy	70.2	70.7	68.0	
19/06/2020	10:37	-	11:07	Sunny	64.6	66.5	62.1	
23/06/2020	14:03	-	14:33	Sunny	66.1	68.6	63.1	
29/06/2020	13:43	-	14:13	Sunny	68.4	68.7	68.1	



	Reporting Period					
Major Construction Activities	Mar 2020	Apr 2020	May 2020	Jun 2020		
Ground Investigation	✓	✓				
Underground Utilities Detection	✓					
Installation of Sheet Pile for Construction of North Depressed Road Cofferdam & D3 Underpass	✓					
Pumping Test at North Depressed Road Cofferdam	✓	✓				
Construction of Bored Pile of Bridge D3	✓			✓		
ELS Installation & Excavation for North Depressed Road	✓					
Sheet pile Installation at South Depressed Road		✓				
Bored Pile Construction for Bridge D3		✓				
ELS Installation & Excavation for North Depressed Road & North Approach Ramp		✓				
North Approach Ramp – Erection and dismantle of timber formwork and concreting of base slab, columns and walls			✓			
Bridge D3 – Construction of bored piles (install casings, removal soil, fix and install steel cages, concreting, ground investigation)			✓			
North Depressed Road – Excavation, fabrication and installation of steel members for ELS, pumping test			✓			
South Depressed Road - Fabrication and installation of steel members for ELS, pumping test			✓			
Noise Barriers – Breaking protection layer of the existing footings to expose the buried couplers, ground investigation (ADH6)			✓			
Lift LT1 & LT2 – ground investigation (DH17 & DH18), trial pit for locating underground utilities			✓			
Installation of Sheet Pile for Construction of Underpass and Noise Barrier				✓		
Pumping Test at North Depressed Road Cofferdam and South Depressed Road				✓		
ELS Installation & Excavation for North Depressed Road and South Depressed Road				✓		
Construction of base slab, walls and columns for North Approach Ramp				✓		
Permanent Structure Construction for North Depressed Road				✓		

	Reporting Period					
Factors might affect the monitoring results	Mar	Apr	May	Jun		
	2020	2020	2020	2020		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

Appendix E – Event and Action Plans for Construction Dust Monitoring, Construction Noise and Landscape and Visual Impact

E4	Action								
Event	ET			IEC		Supervisor / ER		Contractor	
Action Level being exceeded by one sampling	1. 2. 3.	Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; Repeat measurement to confirm finding.	1.	Check monitoring data submitted by ET; Check Contractor's working method.	1.	Notify Contractor.	1. 2.	Rectify any unacceptable practice; Amend working methods if appropriate.	
Action Level being exceeded by two or more consecutive sampling	1.	Identify source and investigate the causes of exceedance; Inform Contractor, IEC	1. 2.	Check monitoring data submitted by ET; Check Contractor's working method;	1. 2.	Confirm receipt of notification of exceedance in writing; Notify Contractor;	1. 2.	Discuss with ET and IEC on proper remedial actions; Submit proposals for	
	3.	and Supervisor /ER; Increase monitoring frequency to daily; Discuss with IEC and	3.	Discuss with ET and Contractor on possible remedial measures;	3.	In consolidation with the IEC, agree with the Contractor on the remedial measures to be		remedial actions to Supervisor /ER and IEC within three working day of notification;	
	5.	Contractor on remedial actions required; Assess the effectiveness of Contractor's remedial	4.	Advise the Supervisor /ER on the effectiveness of the proposed remedial measures.	<ul><li>4.</li><li>5.</li></ul>	implemented; Supervise implementation of remedial measures; Conduct meeting with ET	3. 4.	Implement the agreed proposals; Amend proposal in appropriate.	
	6. 7.	actions; If exceedance continues, arrange meeting with IEC and Supervisor /ER; If exceedance stops, cease				and IEC if exceedance continues.			
		additional monitoring.							
Limit Level being exceeded by one sampling		Identify source and investigate the causes of exceedance;	1. 2.	Check monitoring data submitted by ET; Check Contractor's	1.	Confirm receipt of notification of exceedance in writing;	1.	Take immediate action to avoid further exceedance; Discuss with ET and IEC	
r0	2.	Inform Contractor, IEC, Supervisor /ER, and EPD;	3.	working method; Discuss possible remedial	2. 3.	Notify Contractor; In consolidation with the		on proper remedial actions;	
	3.	Repeat measurement to confirm finding;		measures with ET and Contractor;		IEC, agree with the Contractor on the remedial	3.	Submit proposal for remedial actions to	
	4.	Assess effectiveness of	4.	Advise the Supervisor /ER		measures to be		Supervisor /ER and IEG	

E4		Action	on		
Event	ET	IEC	Supervisor / ER	Contractor	
	Contractor's remedial actions and keep EPD, IEC and Supervisor /ER informed of the results.	measures.	<ul> <li>implemented;</li> <li>4. Supervise implementation of remedial measures;</li> <li>5. Conduct meeting with ET and IEC if exceedance continues.</li> </ul>	within three working days of notification; 4. Implement the agreed proposals.	
Limit Level being exceeded by two or more consecutive sampling	<ol> <li>Notify IEC, Supervisor /ER, Contractor and EPD;</li> <li>Repeat measurement to confirm findings;</li> <li>Carry out analysis of Contractor's working procedures to identify source and investigate the causes of exceedance;</li> <li>Increase monitoring frequency to daily;</li> <li>Arrange meeting with IEC, Supervisor /ER and Contractor to discuss the remedial action to be taken;</li> <li>Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and Supervisor /ER informed of the results;</li> <li>If exceedance stop, cease</li> </ol>	submitted by ET; Check Contractor's working method; Discuss with Supervisor /ER, ET, and Contractor on the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their	<ol> <li>Confirm receipt of notification of exceedance in writing;</li> <li>Notify Contractor;</li> <li>In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>Supervise implementation of remedial measures;</li> <li>If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Discuss with ET and IEC on proper remedial actions;</li> <li>Submit proposal for remedial actions to Supervisor /ER and IEC within three working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Submit further remedial actions if problem still not under control;</li> <li>Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated.</li> </ol>	

E4	Action								
Event	ET	IEC	Supervisor / ER	Contractor					
Action Level being exceeded	1. Notify Supervisor / ER, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, Supervisor / ER and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness.  (The above actions should be taken within 2 working days after the exceedance is identified.)	Review the investigation results submitted by the ET;      Review the proposed remedial measures submitted by the Contractor and advise the ER accordingly;	•	1. Submit noise mitigation proposal to IEC and Supervisor / ER;  2. Implement noise mitigation proposals.  (The above actions should be taken within 2 working days after the exceedance is identified.)					
Limit Level being exceeded	1. Inform IEC, Supervisor /ER, Contractor and EPD; 2. Repeat measurement to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contract's working procedure; 6. Discuss remedial measures required with the IEC, Contractor and Supervisor /ER;	Discuss the potential remedial actions with Supervisor /ER, ET and Contractor;      Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the Supervisor /ER accordingly.  (The above actions should be taken within 2 working days after the exceedance is identified.)	Confirm receipt of notification of failure in writing;     Notify Contractor;     In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;     Supervise the implementation of remedial measures;     If exceedance continues, consider stopping the Contractor to continue working on that portion of	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC and Supervisor /ER within 3 working days of notification;</li> <li>Implement the agreed proposal;</li> <li>Submit further proposal in problem still not under control;</li> <li>Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated.</li> </ol>					

<b>Event and Action Plans f</b>	for Construction Noise							
Event	Action							
	ET	IEC	Supervisor / ER	Contractor				
	7. Assess effectiveness of		work which causes the	(The above actions should be				
	Contractor's remedial		exceedance until the	taken within 2 working days				
	actions and keep IEC,		exceedance is abated.	after the exceedance is				
	EPD, and Supervisor /ER		(The above actions should be	identified.)				
	informed of the results;		taken within 2 working days after					
	8. If exceedance stops, cease		the exceedance is identified.)					
	additional monitoring.		·					
	(The above actions should be							
	taken within 2 working days							
	after the exceedance is							
	identified.)							

<b>Event and Action Plans fo</b>	or Landscape and Visual Impact			
Event		Act	ion	
Event	ET	IEC	Supervisor / ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	Check report.     Recommend remedial design if necessary.	Undertake remedial design if necessary.	
Non-conformity on one occasion	<ol> <li>Identify Source.</li> <li>Inform IEC and Supervisor /ER.</li> <li>Discuss remedial actions with IEC, Supervisor /ER and Contractor.</li> <li>Monitor remedial actions until rectification has been completed.</li> </ol>	<ol> <li>Check report.</li> <li>Check Contractor's working method.</li> <li>Discuss with ET and Contractor on possible remedial measures.</li> <li>Advise Supervisor /ER on effectiveness of proposed remedial measures.</li> <li>Check implementation of remedial measures.</li> </ol>	<ol> <li>Notify Contractor.</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	Amend working methods.     Rectify damage and undertake any necessary replacement.
Repeated Non-conformity	<ol> <li>Identify Source.</li> <li>Inform IEC and Supervisor /ER.</li> <li>Increase monitoring frequency.</li> <li>Discuss remedial actions with IEC, Supervisor /ER and Contractor.</li> <li>Monitor remedial actions until rectification has been completed.</li> <li>If non-conformity stops, cease additional monitoring.</li> </ol>	<ol> <li>Check monitoring report.</li> <li>Check Contractor's working method.</li> <li>Discuss with ET and Contractor on possible remedial measures.</li> <li>Advise Supervisor /ER on effectiveness of proposed remedial measures.</li> <li>Supervise implementation of remedial measures.</li> </ol>	<ol> <li>Notify Contractor.</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	Amend working methods.     Rectify damage and undertake any necessary replacement.

## **Appendix F – Waste Flow Table**



## **Appendix F - Monthly Summary Waste Flow Table**

Name of Department : CEDD Contract No.: ED/2018/01

## **Monthly Summary Waste Flow Table for June 2020**

	Ac	tual Quantitie	s of Inert C&D	Materials Gener	ated Monthl	y	Ac	tual Quantities of	C&D Wastes (	Generated Mon	thly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m³)	(in '000m³)	(in '000m³)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)
Jan	1.030				1.030						0.0070
Feb	3.535				3.535						0.0008
Mar	13.992			13.075	0.917	0.933					0.0014
Apr	7.335			5.557	1.778	18.77					0.0127
May	8.024			5.642	2.382	0.620					0.0264
Jun	8.866			7.983	0.887						0.0113
Sub-total	42.782	0	0	32.257	10.529	20.323	0	0	0	0	0.0596
July											
Aug											
Sep											
Oct											
Nov											
Dec					-			-			
Total	42.782	0	0	32.257	10.529	20.323	0	0	0	0	0.0596

	Forecast of Total Quantities of C&D Materials to be Generated from the Contract*									
Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m³)	(in '000m³)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)
195.01	2.103	10.2	140	19.81	25	200	0.8		-	3.4

Notes: (1) The performance targets are given in ER Appendix 8I Clause 14 and the EM&A Manual

2) The waste flow table shall also include C&D materials to be imported for use at the Site

(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material

(4) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m<sup>3</sup> (ER Part 8 Clause 8.7.5(d)(ii) refers)

Appendix G – Environmental Mitigation Implementation Schedule (EMIS)

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.2		8 times daily watering of the work site with active dust emitting	^
		activities.	
S3.2	S4.8	Implementation of dust suppression measures stipulated in Air	
		Pollution Control (Construction Dust) Regulation. The following	
		mitigation measures, good site practices and a comprehensive dust	
		monitoring and audit programme are recommended to minimize	
		cumulative dust impacts.	
		- Stockpiling site(s) should be lined with impermeable sheeting	^ <b>*</b>
		and bunded. Stockpiles should be fully covered by	
		impermeable sheeting to reduce dust emission.	
		- Misting for the dusty material should be carried out before	٨
		being loaded into the vehicle.	
		- Any vehicle with an open load carrying area should have	^
		properly fitted side and tail boards.	
		- Material having the potential to create dust should not be loaded	^
		from a level higher than the side and tail boards and should be	
		dampened and covered by a clean tarpaulin.	
		- The tarpaulin should be properly secured and should extent at	^
		least 300 mm over the edges of the sides and tailboards. The	
		material should also be dampened if necessary, before	
		transportation.	
		- The vehicles should be restricted to maximum speed of 10 km	^
		per hour and confined haulage and delivery vehicle to	
		designated roadways insider the site. On- site unpaved roads	
		should be compacted and kept free of lose materials.	
		- Vehicle washing facilities should be provided at every vehicle	٨
		exit point.	
		- The area where vehicle washing takes place and the section of	٨
		the road between the washing facilities and the exit point should	
		be paved with concrete, bituminous materials or hardcores.	
		- Every main haul road should be scaled with concrete and kept	^*
		clear of dusty materials or sprayed with water so as to	
		maintain the entire road surface wet.	
		- Every stock of more than 20 bags of cement should be covered	NA
		entirely by impervious sheeting placed in an area sheltered on	
		the top and the three sides.	
		- Every vehicle should be washed to remove any dusty materials	٨
		from its body and wheels before leaving the construction sites.	

Implementatio	on Schedule for 1	Noise Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.3		Use of quiet PME, movable barriers barrier for Asphalt Paver,	^*
		Breaker, Excavator and Hand-held breaker and full enclosure for Air	
		Compressor, Bar Bender, Concrete Pump, Generator and Water	
		Pump.	
S3.3		Good Site Practice:	
S3.3		- Only well-maintained plant should be operated on-site and	٨
		plant should be serviced regularly during the construction	
		program.	
		- Silencers or mufflers on construction equipment should be	٨
		utilized and should be properly maintained during the	
		construction program.	
		- Mobile plant, if any, should be sited as far away from NSRs as	^
		possible.	
		- Machines and plant (such as trucks) that may be in intermittent	٨
		use should be shut down between works periods or should be	
		throttled down to a minimum.	
		- Plant known to emit noise strongly in one direction should,	^
		wherever possible, be orientated so that the noise is directed	
		away from the nearby NSRs.	
		- Material stockpiles and other structures should be effectively	٨
		utilized, wherever practicable, in screening noise from on-site	
		construction activities.	
		- Scheduling of Construction Works during School	٨
		Examination Period	

Implementatio	n Schedule for \	Water Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	<b>Environmental Protection Measures / Mitigation Measures</b>	Status
S3.4		Construction Runoff  Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion.  Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include:	
S3.4		- use of sediment traps.	۸
S3.4		- adequate maintenance of drainage systems to prevent flooding	^*

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	<b>Environmental Protection Measures / Mitigation Measures</b>		
		and overflow.		
	S5.8	- Surface run-off from construction sites should be discharged	^	
		into storm drains via adequately designed sand/silt removal		
		facilities such as sand traps, silt traps and sedimentation basins.		
	S5.8	- Channels or earth bunds or sand bag barriers should be provided	^	
		on site to properly direct stormwater to such silt removal		
		facilities. Perimeter channels should be provided on site		
		boundaries where necessary to intercept storm run-off from		
		outside the site so that it will not wash across the site. Catchpits		
		and perimeter channels should be constructed in advance of site		
		formation works and earthworks.		
	S5.8	- Silt removal facilities, channels and manholes should be	٨	
		maintained and the deposited silt and grit should be removed		
		regularly, at the onset of and after each rainstorm to prevent		
		local flooding. Any practical options for the diversion and		
		re-alignment of drainage should comply with both engineering		
		and environmental requirements in order to provide adequate		
		hydraulic capacity of all drains. Minimum distance of 100 m		
		should be maintained between the discharge points of		
		construction site run-off and the existing saltwater intakes.		
	S5.8	- Earthworks final surfaces should be well compacted and the	٨	
		subsequent permanent work or surface protection should be		
		carried out immediately after the final surfaces are formed to		
		prevent erosion caused by rainstorms. Appropriate drainage like		
		intercepting channels should be provided where necessary.		
	S5.8	- Measures should be taken to minimize the ingress of rainwater	٨	
		into trenches. If excavation of trenches in wet seasons is		
		necessary, they should be dug and backfilled in short sections.		
		Rainwater pumped out from trenches or foundation excavations		
		should be discharged into storm drains via silt removal facilities.		
	S5.8	- Open stockpiles of construction materials (e.g. aggregates,	^	
		sand and fill material) on sites should be covered with tarpaulin		
		or similar fabric during rainstorms.		
	S5.8	- Manholes (including newly constructed ones) should always be	NA	
		adequately covered and temporarily sealed so as to prevent silt,		
		construction materials or debris from getting into the drainage		
		system, and to prevent storm run-off from getting into foul		
		sewers. Discharge of surface run-off into foul sewers must		

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		always be prevented in order not to unduly overload the foul	
		sewerage system.	
	S5.8	- Good site practices should be adopted to remove rubbish and	^
		litter from construction sites so as to prevent the rubbish and	
		litter from spreading from the site area. It is recommended to	
		clean the construction sites on a regular basis.	
S3.4		Construction site should be provided with adequately designed	^
		perimeter channel and pre-treatment facilities and proper	
		maintenance. The boundaries of critical areas of earthworks should	
		be marked and surrounded by dykes or embankments for flood	
		protection. Temporary ditches should be provided to facilitate runoff	
		discharge into the appropriate watercourses, via a silt retention pond.	
		Permanent drainage channels should incorporate sediment basins or	
		traps and baffles to enhance deposition rates. The design of efficient	
		silt removal facilities should be based on the guidelines in Appendix	
		A1 of ProPECC PN 1/94.	
S3.4	S5.8	Ideally, construction works should be programmed to minimise	^
		surface excavation works during the rainy season (April to	
		September). All exposed earth areas should be completed as soon as	
		possible after earthworks have been completed, or alternatively,	
		within 14 days of the cessation of earthworks where practicable.	
		If excavation of soil cannot be avoided during the rainy season, or at	
		any time of year when rainstorms are likely, exposed slope surfaces	
		should be covered by tarpaulin or other means.	
		If excavation in soil cannot be avoided in these months or at any	
		time of year when rainstorms are likely, for the purpose of	
		preventing soil erosion, temporary exposed slope surfaces should be	
		covered e.g. by tarpaulin, and temporary access roads should be	
		protected by crushed stone or gravel, as excavation proceeds.	
		Intercepting channels should be provided (e.g. along the crest / edge	
		of excavation) to prevent storm runoff from washing across exposed	
		soil surfaces. Arrangements should always be in place in such a way	
		that adequate surface protection measures can be safely carried out	
		well before the arrival of a rainstorm.	
S3.4		Sediment tanks of sufficient capacity, constructed from pre-formed	^
		individual cells of approximately 6 to 8 m <sup>3</sup> capacity, are	
		recommended as a general mitigation measure which can be used	
		for settling surface runoff prior to disposal. The system capacity is	

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		flexible and able to handle multiple inputs from a variety of sources	
		and particularly suited to applications where the influent is pumped.	
S3.4		Open stockpiles of construction materials (for examples, aggregates,	^
		sand and fill material) of more than 50 m <sup>3</sup> 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.	
S3.4		Manholes (including newly constructed ones) should always be	NA
		adequately covered and temporarily sealed so as to prevent silt,	
		construction materials or debris being washed into the drainage	
		system and storm runoff being directed into foul sewers.	
S3.4		Precautions to be taken at any time of year when rainstorms are	^
		likely, actions to be taken when a rainstorm is imminent or forecast,	
		and actions to be taken during or after rainstorms are summarised in	
		Appendix A2 of ProPECC PN 1/94. Particular attention should be	
		paid to the control of silty surface runoff during storm events.	
S3.4		Oil interceptors should be provided in the drainage system and	NA
		regularly cleaned to prevent the release of oils and grease into the	
		storm water drainage system after accidental spillages. The	
		interceptor should have a bypass to prevent flushing during periods	
		of heavy rain.	
S3.4	S5.8	Wheel Washing Water	^
		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 located	
		wheel washing bay should be provided at every site exit, and	
		wash-water should have sand and silt settled out and removed at	
		least on a weekly basis 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.	
S3.4		Drainage	٨
		It is recommended that on-site drainage system should be installed	
		prior to the commencement of other construction activities.	
		Sediment traps should be installed in order to minimise the sediment	
		loading of the effluent prior to discharge into foul sewers. There	
		should be no direct discharge of effluent from the site into the sea.	

EIA for KTD	EIA for KTD	<b>Environmental Protection Measures / Mitigation Measures</b>	Status
Development Ref.	<ul><li>Roads D3A</li><li>&amp; D4A Ref.</li></ul>		Status
S3.4		All temporary and permanent drainage pipes and culverts provided	٨
		to facilitate runoff discharge should be adequately designed for the	
		controlled release of storm flows. All sediment control measures	
		should be regularly inspected and maintained to ensure proper and	
		efficient operation at all times and particularly following rain	
		storms. The temporarily diverted drainage should be reinstated to its	
		original condition when the construction work has finished or the	
		temporary diversion is no longer required.	
S3.4		All fuel tanks and storage areas should be provided with locks and	٨
		be located on sealed areas, within bunds of a capacity equal to 110%	
		of the storage capacity of the largest tank, to prevent spilled fuel oils	
		from reaching the coastal waters of the Victoria Harbour WCZ.	
S3.4	S5.8	Sewage Effluent	٨
		Construction work force sewage discharges on site are expected to	
		be connected to the existing trunk sewer or sewage treatment	
		facilities. The construction sewage may need to be handled by	
		portable chemical toilets prior to the commission of the on-site	
		sewer system. Appropriate numbers of portable toilets should be	
		provided by a licensed contractor to serve the large number of	
		construction workers over the construction site. The Contractor	
		should also be responsible for waste disposal and maintenance	
		practices.	
		Notices should be posted at conspicuous locations to remind the	
		workers not to discharge any sewage or wastewater into the	
		surrounding environment. Regular environmental audit of the	
		construction site will provide an effective control of any	
		malpractices and can encourage continual improvement of	
		environmental performance on site. It is anticipated that sewage	
		generation during the construction phase of the project would not	
		cause water pollution problem after undertaking all required	
		measures.	
S3.4		Stormwater Discharges	٨
		Minimum distances of 100 m should be maintained between the	
		existing or planned stormwater discharges and the existing or	
		planned seawater intakes	
S3.4		Debris and Litter	٨
		In order to maintain water quality in acceptable conditions with	
		regard to aesthetic quality, contractors should be required, under	

EIA for KTD	EIA for KTD	<b>Environmental Protection Measures / Mitigation Measures</b>	Status
Development Ref.	<ul><li>Roads D3A</li><li>D4A Ref.</li></ul>		Status
		conditions of contract, to ensure that site management is optimised	
		and that disposal of any solid materials, litter or wastes to marine	
		waters does not occur.	
	S5.8	Boring and Drilling Water	^
		Water used in ground boring and drilling for site investigation or	
		rock / soil anchoring should as far as practicable be re-circulated	
		after sedimentation. When there is a need for final disposal, the	
		wastewater should be discharged into storm drains via silt removal	
		facilities.	
	S5.8	Acid Cleaning, Etching and Pickling Wastewater	NA
		Acidic wastewater generated from acid cleaning, etching, pickling	
		and similar activities should be neutralized to within the pH range	
		of 6 to 10 before discharging into	
		foul sewers.	
	S5.8	Effluent Discharge	^
		There is a need to apply to EPD for a discharge licence for discharge	
		of effluent from the construction site under the WPCO. The	
		discharge quality must meet the requirements specified in the	
		discharge licence. All the runoff and wastewater generated from the	
		works areas should be treated so that it satisfies all the standards	
		listed in the TM-DSS. Minimum distance of 100 m should be	
		maintained between the discharge points of construction site effluent	
		and the existing seawater intakes and the planned WSR mentioned in	
		S5.3.1 as appropriate. The beneficial uses of the treated effluent for	
		other on-site activities such as dust suppression, wheel washing and	
		general cleaning etc., can minimise water consumption and reduce	
		the effluent discharge volume. If monitoring of the treated	
		effluent quality from the works areas is required during the	
		construction phase of the Project, the monitoring should be carried	
		out in accordance with the relevant WPCO licence which is under	
		the ambit of regional office (RO) of EPD.	
	S5.8	Accidental Spillage	^
		Contractor must register as a chemical waste producer if chemical	
		wastes would be produced from the construction activities. The	
		Waste Disposal Ordinance (Cap 354) and its subsidiary regulations	
		in particular the Waste Disposal (Chemical Waste) (General)	
		Regulation, should be observed and complied with for control of	
		chemical wastes.	

Implementation Schedule for Water Quality Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	<b>Environmental Protection Measures / Mitigation Measures</b>	Status	
		Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors		
		should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should		
		only be undertaken within the areas appropriately equipped to control these discharges.		
	S5.8	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:  - Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport.	^*	
	S5.8	- Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents.	^	
	S5.8	- Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	^	

Implementatio	Implementation Schedule for Waste Management Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status		
S3.5		Good Site Practices			
		It is not anticipated that adverse waste management related impacts			
		would arise, provided that good site practices are adhered to.			
		Recommendations for good site practices during construction			
		activities include:			
S3.5		- Nomination of an approved person, such as a site manager, to	۸		
		be responsible for good site practices, arrangements for			
		collection and effective disposal to an appropriate facility, of all			
		wastes generated at the site.			
	S6.7	- Prepare a Waste Management Plan, which becomes a part of the	٨		
		Environmental Management Plan, in accordance with the			
		requirements stipulated in ETWB TC(W) No. 19/2005,			
		approved by the Engineer/Supervising Officer of the Project			
		based on current practices on construction sites.			

EIA for KTD Development Ref.  EIA for KTD - Roads D3A & D4A Ref.		opment - Roads D3A	
S3.5	S6.7	- Training of site personnel in proper waste management and	^
		chemical waste handling procedures.	
S3.5	S6.7	- Provision of sufficient waste disposal points and regular	^*
		collection for disposal.	
S3.5	S6.7	- Appropriate measures to minimise windblown litter and dust	^
		during transportation of waste by either covering trucks or by	
		transporting wastes in enclosed containers.	
S3.5		- A recording system for the amount of wastes generated,	^
		recycled and disposed of (including the disposal sites).	
	S6.7	- Regular cleaning and maintenance programme for drainage	^
		systems, sumps and oil interceptors.	
	S6.7	- Training should be provided to workers about the concepts of	٨
		site cleanliness and appropriate waste management procedures,	
		including waste reduction, reuse and recycle.	
S3.5		Waste Reduction Measures	^
		Good management and control can prevent the generation of a	
		significant amount of waste. Waste reduction is best achieved at the	
		planning and design stage, as well as by ensuring the	
		implementation of good site practices. Recommendations to achieve	
		waste reduction include:	
S3.5	S6.7	- Sort C&D waste from demolition of the remaining structures to	NA
		recover recyclable portions such as metals.	
S3.5	S6.7	- Segregation and storage of different types of waste in different	^
		containers, skips or stockpiles to enhance reuse or recycling of	
		materials and their proper disposal.	
S3.5	S6.7	- Encourage collection of aluminium cans, PET bottles and paper	^
		by providing separate labelled bins to enable these wastes to be	
		segregated from other general refuse generated by the work	
		force.	
S3.5		- Any unused chemicals or those with remaining functional	٨
		capacity should be recycled.	
S3.5	S6.7	- Proper storage and site practices to minimise the potential for	٨
		damage or contamination of construction materials.	
S3.5		Construction and Demolition Materials	
		Mitigation measures and good site practices should be incorporated	
		in the contract document to control potential environmental impact	
		from handling and transportation of C&D material. The mitigation	
		measures include:	

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	<b>Environmental Protection Measures / Mitigation Measures</b>	Status
S3.5		- Where it is unavoidable to have transient stockpiles of C&D	^
		material within the Project work site pending collection for	
		disposal, the transient stockpiles shall be located away from	
		waterfront or storm drains as far as possible.	
S3.5		- Open stockpiles of construction materials or construction	^*
		wastes on-site should be covered with tarpaulin or similar fabric.	
S3.5		- Skip hoist for material transport should be totally enclosed by	^
		impervious sheeting.	
S3.5		- Every vehicle should be washed to remove any dusty materials	^
		from its body and wheels before leaving a construction site.	
S3.5		- The area where vehicle washing takes place and the section of	٨
		the road between the washing facilities and the exit point should	
		be paved with concrete, bituminous materials or hardcores.	
S3.5		- The load of dusty materials carried by vehicle leaving a	^
~~.		construction site should be covered entirely by clean	
		impervious sheeting to ensure dust materials do not leak from	
		the vehicle.	
S3.5		- All dusty materials should be sprayed with water prior to any	^
		loading, unloading or transfer operation so as to maintain the	
		dusty materials wet.	
S3.5		- The height from which excavated materials are dropped should	٨
		be controlled to a minimum practical height to limit fugitive	
		dust generation from unloading.	
S3.5		- When delivering inert C&D material to public fill reception	٨
		facilities, the material should consist entirely of inert	
		construction waste and of size less than 250mm or other sizes	
		as agreed with the Secretary of the Public Fill Committee. In	
		order to monitor the disposal of the surplus C&D material at	
		the designed public fill reception facility and to control fly	
		tipping, a trip-ticket system as stipulated in the ETWB TCW	
		No. 31/2004 "Trip Ticket System for Disposal of Construction	
		and Demolition Materials" should be included as one of the	
		contractual requirements and implemented by an	
		Environmental Team undertaking the Environmental	
		Monitoring and Audit work. An Independent Environmental	
		Checker should be responsible for auditing the results of the	
		system.	

Implementation	Implementation Schedule for Waste Management Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status		
	S6.7	- Plan and stock construction materials carefully to minimize	٨		
		amount of waste generated and avoid unnecessary generation			
		of waste.			
S3.5		<u>Chemical Waste</u>	٨		
		After use, chemical wastes (for example, cleaning fluids, solvents,			
		lubrication oil and fuel) should be handled according to the Code of			
		Practice on the Packaging, Labelling and Storage of Chemical			
		Wastes. Spent chemicals should be collected by a licensed collector			
		for disposal at the CWTF or other licensed facility, in accordance			
		with the Waste Disposal (Chemical Waste) (General) Regulation.			
	S6.7	Separation of chemical wastes for special handling and appropriate	^*		
		treatment.			
S3.5		General Refuse	٨		
		General refuse should be stored in enclosed bins or compaction units			
		separate from C&D material. A licensed waste collector should be			
		employed by the contractor to remove general refuse from the site,			
		separately from C&D material. Effective collection and storage			
		methods (including enclosed and covered area) of site wastes would			
		be required to prevent waste materials from being blown around by			
		wind, wastewater discharge by flushing or leaching into the marine			
		environment, or creating odour nuisance or pest and vermin			
		problem.			

Implementatio	Implementation Schedule for Landscape and Visual Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status		
S3.8.12		All existing trees should be carefully protected during construction	۸		
S3.8.12		Trees unavoidably affected by the works should be transplanted where practical. Detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with ETWBC 2/2004 and 3/2006. Final locations of transplanted trees should be agreed prior to commencement of the work.	NA		
S3.8.12		Control of night-time lighting.	٨		
S3.8.12		Erection of decorative screen hoarding.	٨		
	S7.9	Construction Site Control  - CM1 - Minimized construction area and contractor's temporary works areas.	^		
		- CM2- Control of night-time lighting and glare by hooding all	٨		

Implementation	Implementation Schedule for Landscape and Visual Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	<b>Environmental Protection Measures / Mitigation Measures</b>	Status		
		lights.			
		- CM3 - Erection of decorative mesh screens or construction	٨		
		hoardings around works areas in visually unobtrusive colours.			
		- CM4 - Reduction of construction period to practical minimum.	٨		
		- CM5 - Limitation of / Ensuring no run-off into surrounding	٨		
		landscape and adjacent seawater areas.			
		- CM6 - Temporary or advance landscape should be provided	NA		
		along the temporary access roads to the Cruise Terminal until			
		such time as road D3 is open.			

Remarks:			
٨	Compliance of mitigation measure.	X	Non-compliance of mitigation measure.
N/A	Not Applicable at this stage.	•	Non-compliance but rectified by the contractor.
N/A(1)	Not observed.		
*	Recommendation was made during site audit	#	Recommendation was made during audit and to be
	but improved/rectified by the contractor.		improved/ rectified by the contractor.

**Appendix H – Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution** 

**Reporting Period: April 2020 to June 2020** 

Contract No.	Record of Complaint (Yes/No)	Record of Warning (Yes/No)	Notification of Summons and Successful Prosecutions (Yes/No)
ED/2018/01	No	No	No

Cumulative Statistics on Complaints, Notification of Summons and Successful Prosecutions

upto reporting period

Contract No.	Record of Complaint	Record of Warning	Notification of Summons and Successful Prosecutions
ED/2018/01	0	0	0

Complaint Log for	· ED/2018/01			
Complaint Log for EPD Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Recommendations / Actions	Close-Out Date / Status
		No compliant was receipted in between Jan to		
		June 2020.		