Quarterly Environmental Monitoring and Audit Summary Report (January 2021 – March 2021) 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 1.2)

Certified By: (Environmental Team Leader)



Ref.: CEDKTDS4EM00 0 0172L.21

2 August 2021

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

By Post and Email

Attention: Mr. Clive Cheng

Dear Mr. Cheng,

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 January 2021 to March 2021

Reference is made to the Environmental Team's submission of the Quarterly EM&A Summary Report for January 2021 to March 2021 (Version 1.2) certified by the ET Leader and provided to us via email on 30 July 2021.

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

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

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

Y H Hui

Independent Environmental Checker

C.C.

CEDD

Attn.: Mr. Ronald Siu

Fax: 2739 0076

Ka Shing

Attn.: Mr. Chan Pang

By email

Penta-Ocean

Attn.: Mr. Daniel Ho

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EXECUTIVE SUMMARY

1. This is the 5th Quarterly Environmental Monitoring & Audit (EM&A) Summary Report which summaries the findings of the EM&A Programme during the reporting period from 1 January 2021 to 31 March 2021 (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. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 3. 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 4. Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.

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

<u>1at</u>	Table I Major construction activities in the reporting period					
January 2021		February 2021			March 2021	
-	Noise barrier -	-	North Approach Ramp -	-	North Approach Ramp –	
	Construction of footings		Construction of wall,		Construction of wall,	
-	District Cooling System		intermediate slab and		intermediate slab and	
	seawater intake box culvert		column		column	
	- Construction of	-	Bridge D3 – Construction	-	Bridge D3 – Construction	
	cofferdam		of pile cap & pier		of pile cap and pier	
-	Landscaped Deck -	-	North Depressed Road -	-	North Depressed Road -	
	Construction of bored piles		Construction of wall & top		Construction of wall & top	
-	Construction of base slab		slab / dismantling of		slab / dismantling of	
	and walls of Underpass		wailing & strut of		wailing & strut of	
	and South Depressed Road		cofferdam		cofferdam	
-	North Approach Ramp -	-	Underpass – Excavation	-	Underpass – Excavation	
	Construction of wall,		and construction of base		and construction of base	
	intermediate slab and		slab		slab	
	column	-	South Approach Ramp –	-	South Approach Ramp –	
-	Bridge D3 – Construction		Installation of sheet pile		Installation of sheet pile	
	of pile cap		and excavation		and excavation	
-	North Depressed Road -	-	Landscaped Deck -	-	Landscaped Deck -	
	Construction of wall /		Construction of bored piles		Construction of bored piles	
	dismantling of wailing &	-	District Cooling System	-	District Cooling System	
	strut of cofferdam		seawater intake box culvert		seawater intake box culvert	
-	Underpass – Excavation		Construction of		Construction of	
-	South Approach Ramp -		cofferdam		cofferdam and box	
	Installation of sheet pile	-	Noise barrier – Installation		structure	
	and excavation		of steel structure and	-	Noise barrier – Installation	
-	Lift 3 – Construction of		PMMA panel		of steel structure and	
	cofferdam for footing	-	Lift 3 – Construction of		PMMA panel	
			cofferdam for footing	-	Lift 3 – Construction of	
					cofferdam for footing	
				_	Lift 4 – Excavation for	
					footing	
				-	South Depressed Road -	

January 2021	February 2021	March 2021	
		Excavation and Installation	
		of Lateral Support works	

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		Mr. Ronald Siu	Senior Engineer	3579 2452	2739 0076
Engineering and Development Department	Project Proponent	Mr. Edwin Chan	Engineer (Before 1 Mar 2021)	3579 2458	2739 0076
(CEDD)		Ms. Chan Ka Yan	Engineer (Since 1 Mar 2021)	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 (Ramboll)	Independent Environmental Checker (IEC)	Mr. Manson Yeung	IEC	9700 6767	3465 2899
Ka Shing Management Consultant Limited (Ka Shing)	Environmental Team (ET)	Mr. Chan Pang	ET Leader	6082 2973	2120 7752
		Ms. Juliet Ting	Environmental Officer (Before 16 Jan 2021)	9555 8820	3465 8898
Penta-Ocean Construction Co., Ltd. (Penta-Ocean)	Contractor	Mr. Tony Tang	Environmental Officer (16 Jan 2021 to 28 Feb 2021)	9433 2628	3465 8898
		Mr. Lulu Mar	Environmental Officer (Since 1 Mar 2021)	6845 0626	3465 8898

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

<u>Table 1.2 Major construction activities in the reporting period</u>						
February 2021	March 2021					
North Approach Ramp -	- North Approach Ramp –					
Construction of wall,	Construction of wall,					
intermediate slab and	intermediate slab and					
column	column					
Bridge D3 – Construction	- Bridge D3 – Construction					
of pile cap & pier	of pile cap and pier					
North Depressed Road -	- North Depressed Road -					
Construction of wall & top	Construction of wall & top					
slab / dismantling of	slab / dismantling of					
wailing & strut of	wailing & strut of					
cofferdam	cofferdam					
Underpass – Excavation	- Underpass – Excavation					
and construction of base	and construction of base					
slab	slab					
South Approach Ramp -	- South Approach Ramp –					
Installation of sheet pile	Installation of sheet pile					
and excavation	and excavation					
Landscaped Deck –	- Landscaped Deck –					
Construction of bored piles	Construction of bored piles					
District Cooling System	- District Cooling System					
seawater intake box culvert	seawater intake box culvert					
Construction of	Construction of					
cofferdam	cofferdam and box					
Noise barrier – Installation	structure					
of steel structure and	- Noise barrier – Installation					
PMMA panel	of steel structure and					
Lift 3 – Construction of	PMMA panel					
cofferdam for footing	- Lift 3 – Construction of					
-	cofferdam for footing					
	- Lift 4 – Excavation for					
	footing					
	- South Depressed Road -					
	February 2021 North Approach Ramp — Construction of wall, intermediate slab and column Bridge D3 — Construction of pile cap & pier North Depressed Road — Construction of wall & top slab / dismantling of wailing & strut of cofferdam Underpass — Excavation and construction of base slab South Approach Ramp — Installation of sheet pile and excavation Landscaped Deck — Construction of bored piles District Cooling System seawater intake box culvert — Construction of cofferdam Noise barrier — Installation of steel structure and PMMA panel Lift 3 — Construction of					

January 2021	February 2021	March 2021
		Excavation and Installation
		of Lateral Support works

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 Blind's Factory cum	Rooftop	- 24-hour average TSP	- 24 hours	- Once every 6 days
Sheltered Workshop		- 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	3
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.
- 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 m³/min. and 1.7 m³/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 and then placed 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, spot checking 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 ³	Limit Level, µg/m³
	AM3	182	260
24-hour average TSP	AM4(A)	187	260
C	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 ³	Limit Level, µg/m³
	AM3	297	500
1-hour average TSP	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.

Table 2.6 Summary of 24-hour average TSP monitoring data during the reporting period

	Januar	y 2021	Februar	ry 2021	March	n 2021		
	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	87	61 – 116	81	35 - 127	72	41 – 156	182	260
AM4(A)	90	85 - 95	97	21 - 137	94	59 – 174	187	260
AM7	85	67 - 122	85	23 - 138	72	40 - 161	181	260

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

	Januar	y 2021	Februai	ry 2021	March	n 2021		
	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	$\mu g/m^3$	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	82	58 – 104	52	28 - 91	60	27 - 134	297	500
AM4(A)	84	70 - 98	64	18 - 96	70	39 – 140	326	500
AM7	82	57 – 95	53	14 - 77	61	31 - 115	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	Rooftop (Façade)	$L_{ ext{Aeq}}, L_{ ext{A10}}$ and $L_{ ext{A90}}$	30 - minutes measurement at each monitoring station between 0700 – 1900 hrs on normal weekdays (Monday to Saturday) at
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	3

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 GB(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

	January	2021	Februa	ry 2021	March	2021		
Noise Monitoring Station	Measured L _{Aeq, 30-min} , Average, dB(A)	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq,}} \\ \text{30-min,} \\ \text{Range,} \\ \text{dB(A)} \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq,}} \\ \text{30-min,} \\ \text{Average,} \\ \text{dB(A)} \end{array}$	Measured L _{Aeq, 30-min} , Range, dB(A)	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq,}} \\ \text{30-min,} \\ \text{Average,} \\ \text{dB(A)} \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq,}} \\ \text{30-min,} \\ \text{Range,} \\ \text{dB(A)} \end{array}$	Action Level	Limit Level ^
M11	69.3	67.1 – 70.7	69.7	62.8 – 72.1	70.8	67.8 – 71.6	When one documented	75
M12	68.5	67.2 – 70.3	65.2	64.2 – 67.0	67.3	65.8 – 68.7	complaint is received	dB(A)

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

Air Monitoring Station	ASR No. in EIA report	Maximu averag	Cumulative om 24-hr ge TSP otration Scenario 2 (Mid 2013 to Late	Measured 24-hr average TSP in Reporting Month (January	Measured 24-hr average TSP in Reporting Month (February	Measured 24-hr average TSP in Reporting Month (March
		2013), μg/m ³	2016), μg/m ³	$\frac{2021)}{\mu g/m^3}$	$\frac{2021)}{\mu g/m^3}$	$2021)$ $\mu g/m^3$
AM3 - Sky Tower	A40^	106	138	61 – 116	35 – 127	41 – 156
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	A43^	123	195	85 – 95	21 – 137	59 – 174
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	67 – 122	23 – 138	40 – 161

Note:

[^] 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	Measured 1-hr average TSP in Reporting Month (January	Measured 1-hr average TSP in Reporting Month (February	Measured 1-hr average TSP in Reporting Month (March
		2013), μg/m ³	2016), $\mu g/m^3$	$2021)$ $\mu g/m^3$	2021) μg/m ³	$\frac{2021)}{\mu g/m^3}$
AM3 - Sky Tower	A40	217^	247^	58 – 104	28 - 91	27 – 134
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	A43	283^	409^	70 – 98	18 – 96	39 – 140
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	57 – 95	14 – 77	31 – 115

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	report	Daytime	(January 2021)	(February2021)	(March 2021)
	report	Working Hour	L _{Aeq, 30min} ,	L _{Aeq, 30min} ,	L _{Aeq, 30min} ,
		L _{Aeq, 30min} ,	dB(A)	dB(A)	dB(A)
		dB(A)			
M11 - The Hong					
Kong Society for					
the Blind's Factory	N18	50 – 76*	67.1 - 70.7	62.8 - 72.1	67.8 - 71.6
cum Sheltered					
Workshop					
M12 - Hong Kong	PN83,				
Children's	PN84,	NA	67.2 - 70.3	64.2 - 67.0	65.8 - 68.7
Hospital	PN84A				

Note:

2.46 24-hour TSP monitoring results recorded in January and February 2021 at AM3 were higher than the Scenario 1 (Mid 2009 to Mid 2013) prediction but lower than the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. 24-hour TSP monitoring results recorded in March 2021 at AM3 were higher than the Scenario 1 (Mid 2009 to Mid 2013) prediction and also the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. Non-project related

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

^{*} Prediction results are given in the Table 3.20 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

- construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 2.47 24-hour TSP monitoring results recorded in January 2021 at AM4(A) were lower than the Scenario 1 (Mid 2009 to Mid 2013) prediction and the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. 24-hour TSP monitoring results recorded in February and March 2021 at AM4(A) were higher than the Scenario 1 (Mid 2009 to Mid 2013) prediction but lower than the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 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 The summaries of site audits are attached in Table 3.1.

Table 3.1 Summary of observations of Landscape and Visual impact during the reporting period

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
7 January 2021	NA	NA	NA
13 January 2021	NA	NA	NA
21 January 2021	NA	NA	NA
28 January 2021	NA	NA	NA
5 February 2021	NA	NA	NA
9 February 2021	NA	NA	NA
18 February 2021	NA	NA	NA
25 February 2021	NA	NA	NA
4 March 2021	NA	NA	NA
11 March	NA	NA	NA

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
2021			
18			
March	NA	NA	NA
2021			
25			
March	NA	NA	NA
2021			

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
7 January 2021	NA	NA	NA
13 January 2021	NA	NA	NA
21 January 2021	NA	NA	NA
28 January 2021	Observation: The open stockpiles of construction materials on sites were not covered.	Action Taken: The open stockpiles of construction materials on sites were covered except the working area.	Closed-out 5 February 2021
5 February 2021	Observation: No drip tray was provided under the diesel container	Action Taken: Drip tray was provided to dispatch the diesel container.	Closed-out 9 February 2021
9 February 2021	NA	NA	NA
18 February 2021	Observation: The open stockpiles of construction materials on sites were not covered.	Action Taken: The open stockpiles of construction materials on sites were covered.	Closed-out 25 February 2021
25 February 2021	Observation: The open stockpiles of construction materials on sites	Follow-up: The open stockpiles of construction materials on sites	Closed-out 11 March 2021

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
	were not covered.	were still not covered.	
4 March 2021	Observation: The open stockpiles of construction materials on sites were not covered.		Closed-out 11 March 2021
11 March 2021	Observation: The contractor was reminded to remove the domestic waste regularly as lots of flies flying around.	Action Taken: The waste was removed.	Closed-out 18 March 2021
18	Observation:	Action Taken:	Closed-out
March	The construction effluent was not	\mathcal{E}	25 March
2021	collected properly.	was fixed.	2021
25 March 2021	NA	NA	NA

Implementation Status of Environmental Mitigation Measures

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. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 6.2 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 6.3 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 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	Danarting Daried	No. of Exceedance		Action Taken	
Parameter	Reporting Period	Action Level	Limit Level	Action Taken	
	January 2021	0	0	N/A	
1-hr TSP	February 2021	0	0	N/A	
	March 2021	0	0	N/A	
24-hr TSP	January 2021	0	0	N/A	
	February 2021	0	0	N/A	
	March 2021	0	0	N/A	
Construction noise	January 2021	0	0	N/A	
	February 2021	0	0	N/A	
noise	March 2021	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	Date of	Description of	Investigation /	Close-out date
complaint	complaint	complaint	Recommendations /	/ Status
received			Action take	
No	NA	NA	NA	NA
complaint				
was				
received in				
the				
reporting				
month.				

6.5 Complaint log is shown in Appendix H.

Notifications of summons and successful prosecutions

6.6 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 of summons and successful prosecutions were received in	NA	NA	NA	NA
the reporting period.				

6.7	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 / Reminder
7 January 2021	No
13 January 2021	No
21 January 2021	No
28 January 2021	The open stockpiles of construction materials on sites should be covered except the working area.
5 February 2021	Drip tray should be dispatched for the diesel container.
9 February 2021	No
18 February 2021	The open stockpiles of construction materials on sites should be covered.
25 February 2021	The open stockpiles of construction materials on sites should be covered.
4 March 2021	The open stockpiles should be covered.
11 March 2021	The contractor was reminded to remove the domestic waste regularly as lots of flies flying around.
18 March 2021	The construction effluent leakage should be fixed.

Inspection Date	Recommendations / Reminder
25 March 2021	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. Due to the COVID-19 diagnosed case confirmed on 4 January 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 January 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 7.7 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 January 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A)], the workshop was closed for cleaning and disinfection work from 5 to 25 January 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 7.8 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded. Due to the COVID-19 diagnosed case confirmed on 4 January 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [M11], the workshop was closed for cleaning and disinfection work from 5 to 25 January 2021. No impact monitoring was conducted between 5 and 25 January 2021.
- 7.9 No complaint was received in the reporting month.
- 7.10 No notification of summons and successful prosecutions was received in the reporting period.

Figure

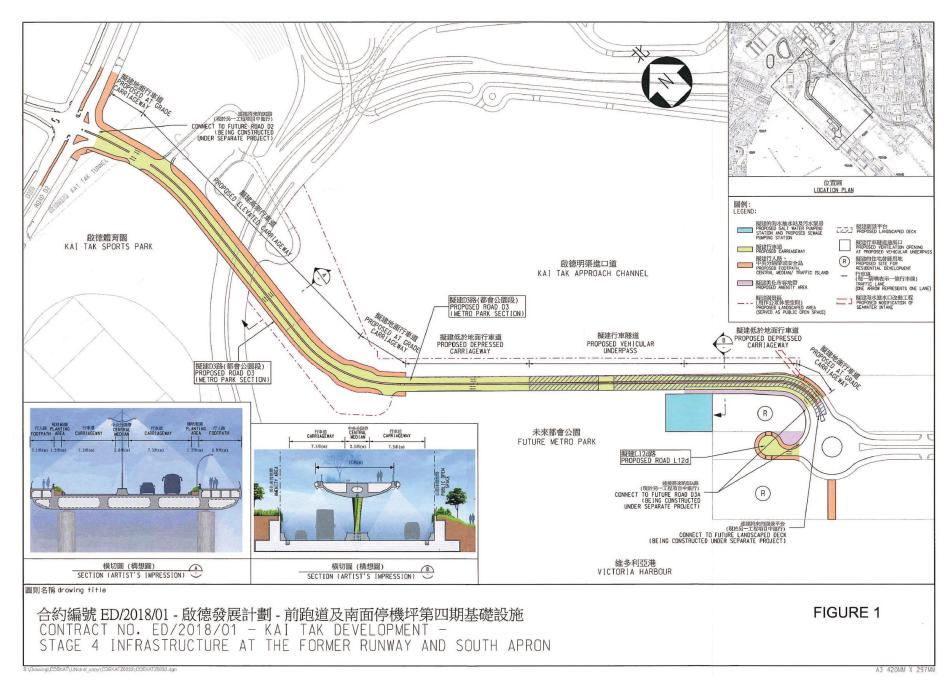


Figure 1 – Proposed works of Contract No. ED/2018/01

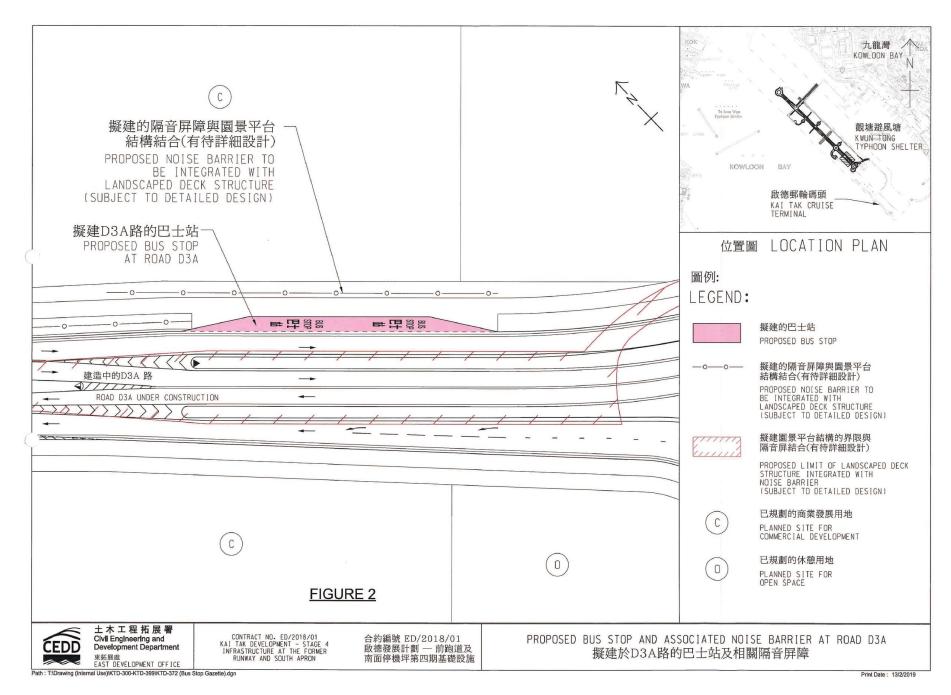


Figure 2 – Proposed Bus Stop And Associated Noise Barrier At Road D3A

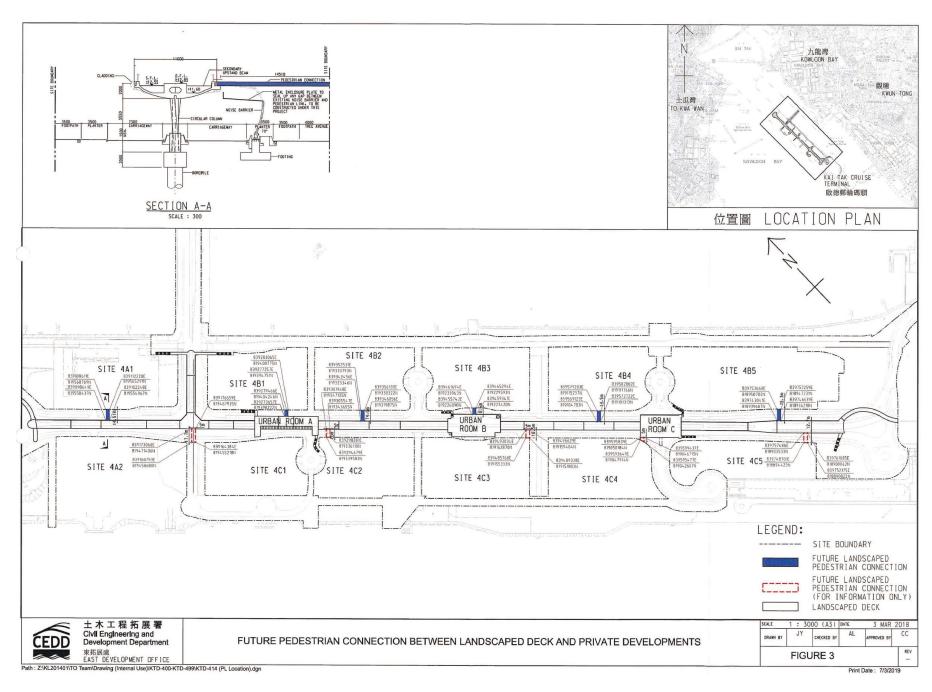


Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

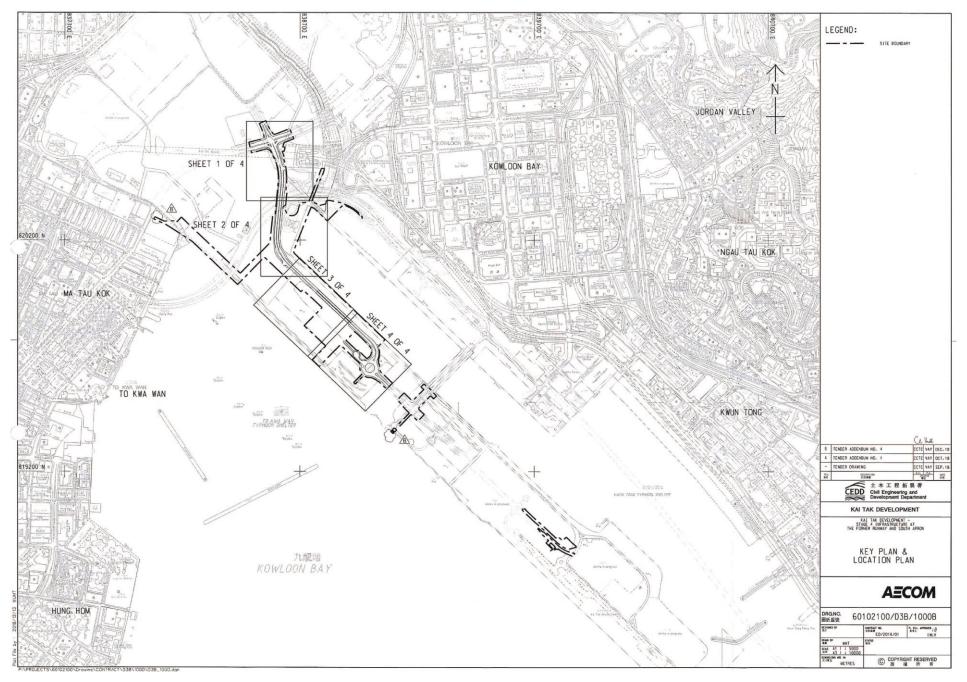


Figure 4 – Site Layout Plan

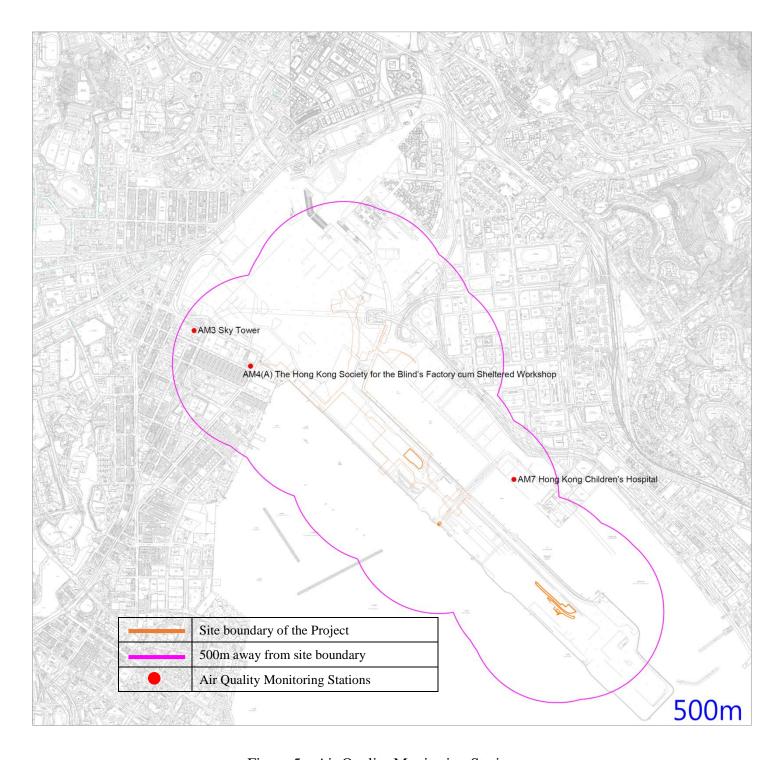


Figure 5 – Air Quality Monitoring Stations

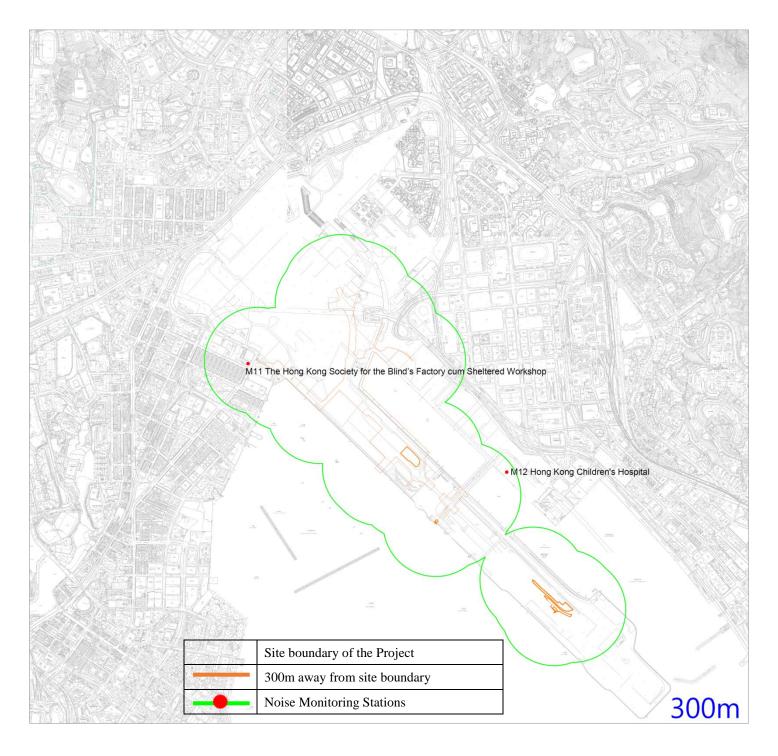
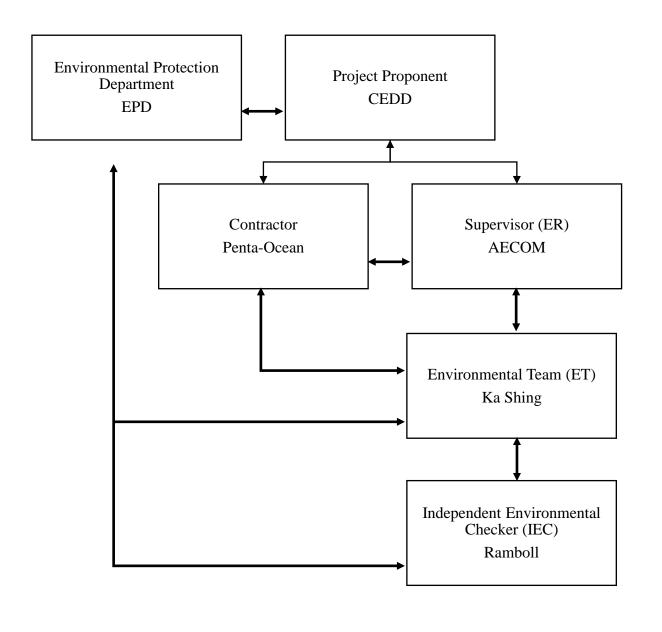


Figure 6 – Noise Monitoring Stations

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



Link of communication

Penta-Ocean Construction Co., Ltd

PCCW Limited 電話公司

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





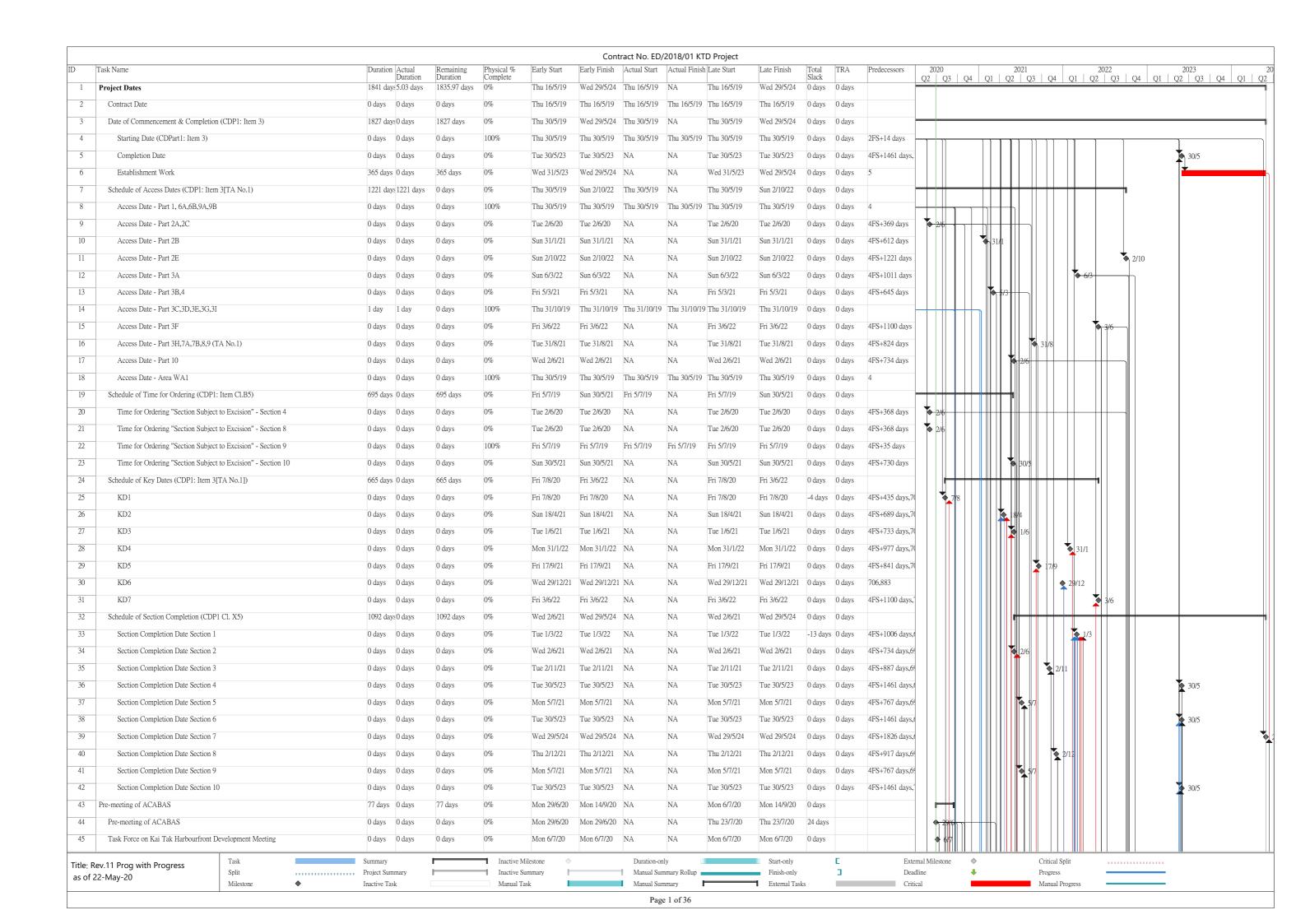


緊急應變小組成員及聯絡電話 Emergency Team Contact List

NAME 姓名	-	ΓΕΑΜ MEMBER 成員	POSITION 職位	TEL. 電話
		Emergency Ho	otline : 9317-082	1
何先生 Daniel HO	總隊 Emerg	€ jency Coordinator	地盤代表 Site Agent	9271-6455
林先生 C. K. LAM	副隊+ Asst. E	Emergency Coordinator	地盤總管 Gerenal Foreman	9869-9978
鄧先生 Nelson TANG		曼 (急救員) Emergency Coordinator Aider)	安全經理 Safety Manager	9630 1923 💮
蔣先生 Kay CHEUNG		曼 (急救員) Emergency Coordinator Aider)	安全主任 Safety Officer	9094-1110
梁先生 Kevin LEUNG		(急救員) er (First Aider)	安全督導員 Safety Supervisor	6015-7981
鄧先生 Tony TANG	隊員 Memb	er	助理地盤代表 Sub Agent	9433-2628
林先生 YS LAM	隊員 Memb	er	電工 Electrician	9603-2722
			Authorities / Utility Compani	ies es
	/ Utilit 門/公營樹	ry Companies **# 久稱		/ Service Hotline B務召援電話
		雙車總機 (Serious Injury)		35-3355
Fire Station (Ma Tau Ch	ung) 消肠	方處 (馬頭涌消防局)	27	711-0292
Police Station (Ngau Tau	Kok) 警	署(牛頭角分區)	36	61-1626
LabourDept (Enquiry Ho				717-1771
Environmental Protection Marine Dept 海事處	n Dept 珪	保處	28	302-3111
Maritime Rescue Co-ordi	nation C	entre (24 hours)	22	33 <i>-</i> 7999
Marine Dept Harbour Div				85-9385
E&MD Dept 機電工程			2882-801	1 / 2333-3762
Highways Dept (24hrs)	路政處熱	線	29	23-7766
Utility Undertakers C	ompanie	S		
China Light Power Ltd 中	華電力	2728-8333	HK Observatory 香港天文台	2835-1473
Hong Kong Electric 港燈	電力	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	務署	2824-5000	Drainage Services Dept 渠務署	2300-1110

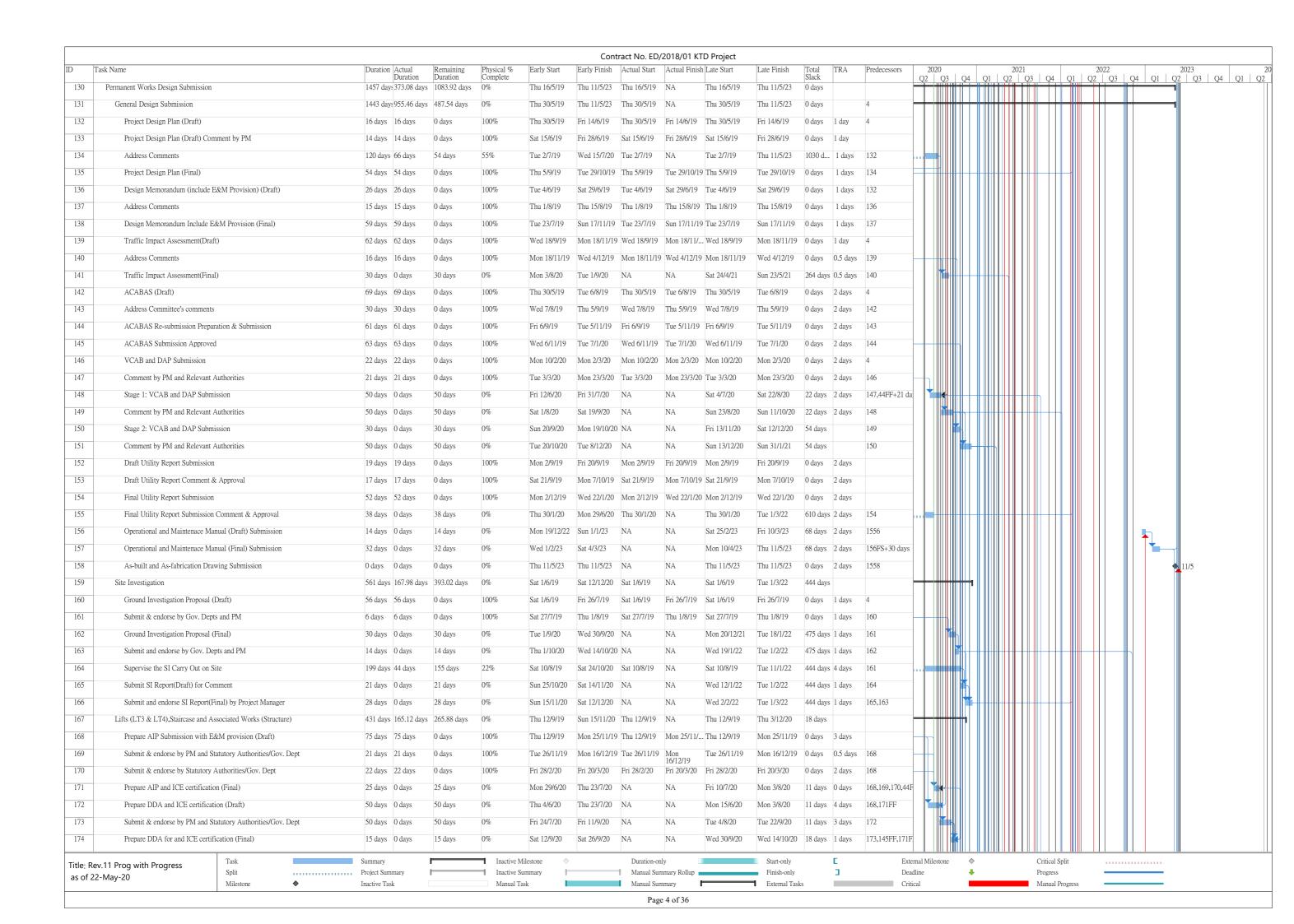
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Appendix B – Construction Programme



							Cont	tract No. ED/	2018/01 KT	D Project										
	Task Name	Duration	n Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total TI Slack	RA Predecesso		Q3 Q4 Q2	2021	O4 O1	2022	04 01	2023 Q2 Q3
46	District Council Consultation	0 days		0 days	0%	Mon 14/9/20	Mon 14/9/20	NA	NA	Mon 14/9/20	Mon 14/9/20	0 days			14/9		<u> Q4 Q1</u>	Q2 Q3	Q4 Q1	Q2 Q3 Y
47	Project Manager's Instruction	8 days	8 days	0 days	0%	Thu 20/2/20	Fri 28/2/20	Thu 20/2/20	Fri 28/2/20	Thu 20/2/20	Fri 28/2/20	0 days								
48	PMI No. 001 - BIM Promenade Walk-through Video for Infrastructure in Kai Tak Stage 4	0 days	0 days	0 days	100%	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20	0 days		0/2						
49	PMI No. 002 - Arranagement of Restricting Site Activities due to Spread of the Noval Coronavirus Between 29 January 2020 to 02 February 2020	0 days	0 days	0 days	100%	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20	0 days		28/2						
50	Compensation Event	16 days	16 days	0 days	0%	Mon 10/2/20	Wed 26/2/20	Mon 10/2/20	Wed 26/2/20	Mon 10/2/20	Wed 26/2/20	0 days								
51	CE/001: BIM Promenade Walk-through Video for Infrastructure in Kai Tak Stage 4	0 days	0 days	0 days	100%	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	0 days		/2						
52	CE/002 - Arranagement of Restricting Site Activities due to Spread of the Noval Coronavirus Between 29 January 2020 to 02 February 2020	0 days	0 days	0 days	100%	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	0 days		16/2						
53	Early Warning	257 day	s 257 days	0 days	0%	Wed 10/7/19	Mon 23/3/20	Wed 10/7/19	Mon 23/3/20	Wed 10/7/19	Mon 23/3/20	0 days								
54	EW No. 001: CLP's 11kV and 132kV Cable Routing across Utility Trough of Bridge D3 and Alongside Road D3 (Metro Park Section)	0 days	0 days	0 days	100%	Wed 10/7/19	Wed 10/7/19	Wed 10/7/19	Wed 10/7/19	Wed 10/7/19	Wed 10/7/19	0 days								
55	EW No. 002: Deep Excavation Basement Construction Works from CKR-BEM Contract	0 days	0 days	0 days	100%	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	0 days								
56	EW No. 003: Overhang Cables of CLP Delay the Northern Depressed Road	0 days	0 days	0 days	100%	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	0 days		$-\parallel\parallel\parallel$						
57	EW No. 004: Late Commencement on Noise and Air Baseline Monitoring Delay the Northern Depressed Road CH1560 to 1720	0 days	0 days	0 days	100%	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	0 days								
8	EW No. 005: Maintain the SCL RoW which should have been diverted to the RoW Constructed by KTSP caused Disruption to the Construction of North Approach Ramp especially affect the KTD1	0 days	0 days	0 days	100%	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	0 days								
59	EW No. 006: Deferral of Design Deliverables	0 days	0 days	0 days	100%	Mon 16/12/19	Mon 16/12/19	Mon 16/12/19	Mon 16/12/	Mon 16/12/19	Mon 16/12/19	0 days		$-\parallel\parallel\parallel$						
50	EW No. 007: Delay on Driven H-piles by KTSP may affect the KD1	0 days	0 days	0 days	100%	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	0 days		$-\parallel\parallel\parallel$						
61	EW No. 008: Not Allow to Extract Sheetpiles of North Approach Ramp beside Kai Tak Sport Park as Discussed at the Interface Meeting	0 days	0 days	0 days	100%	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	0 days								
2	EW No. 010: Existing 150mm Fresh Water Pipe clashing with Bridge D3 and South	0 days	0 days	0 days	100%	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	0 days								
3	Approach Ramp EW No. 011: Additional Requirement for Special Arrangement for Design and Construction of Noise Barrier fir Future Connection of Footbridge FB10 from Development Site 4B5	0 days	0 days	0 days	100%	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	0 days								
4	EW No. 014: Planning of the Works in Revised Programme (Rev. 6)	0 days	0 days	0 days	100%	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	0 days		1/2						
55	EW No. 015: Outbreak of Novel Coronavirus (Constraints on Working Time)	0 days	0 days	0 days	100%	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	0 days		/2						
66	EW No. 016: Outbreak of Novel Coronavirus (Late Supply of Agggregate)	0 days	0 days	0 days	100%	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	0 days		9/2						
57	EW No. 020: GEO Audit for Underpass D3	0 days	0 days	0 days	100%	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	0 days		13/3						
68	EW No. 021: Unforessen Underground Water at North Approach Ramp Bay 6	0 days	0 days	0 days	100%	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	0 days		12/3						
59	EW No. 022:Deferral of Interface Management Plan Submission for Noise Barrier Works	0 days	0 days	0 days	100%	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	0 days		13/3						
70	EW No. 023:Disruption of the Works due to Stockpile was not allowed to dispose to the	0 days	0 days	0 days	100%	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	0 days		16/3						
71	Proposed Disposal Ground EW No. 025: Broken Steel Casing for Bored Pile P02-BP2	0 days	0 days	0 days	100%	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	0 days		23/3						
72	Contractor's Notification of Compensation Event	14 days	0 days	14 days	0%	Thu 28/5/20	Thu 11/6/20	NA	NA	Tue 9/6/20	Tue 7/7/20	12 days		n						
73	Compensation Event (CNCE) No. 009 - Inclement Weather in April 2020	0 days	0 days	0 days	0%	Thu 28/5/20	Thu 28/5/20	NA	NA	Tue 7/7/20	Tue 7/7/20	40 days		<u>♦ 28</u> /.						
74	Compensation Event - Inclement Weather in May 2020	0 days	0 days	0 days	0%	Thu 11/6/20	Thu 11/6/20	NA	NA	Tue 9/6/20	Tue 9/6/20	-2 days			/6					
75	Project Submission			1055.97 days	0%	Thu 16/5/19	Thu 11/5/23	Thu 16/5/19	NA	Thu 16/5/19	Thu 11/5/23	0 days 0	days							-
76	Submit Third Parties Insurance		71 days	0 days	100%	Tue 18/6/19		Tue 18/6/19			Tue 27/8/19	0 days 0		_						
7	Works Programme		s 160 days	0 days	0%	Thu 16/5/19		Thu 16/5/19			Tue 22/10/19									
78	Submit First Programme		20 days	0 days	100%	Thu 16/5/19		Thu 16/5/19			Tue 4/6/19	0 days 0	days 2							
79	Review and Comment by Project Manager		9 days	0 days	100%	Wed 5/6/19	Thu 13/6/19	Wed 5/6/19			Thu 13/6/19	1	days 78	_						
80	Revise and Resubmission of Works Programme		42 days	0 days	100%	Fri 14/6/19			Thu 25/7/19		Thu 25/7/19	1	days 79							
81	Final Review and Acceptance of the First Programme by Project Manager		20 days	0 days	100%	Sat 27/7/19		Sat 27/7/19			Thu 15/8/19	1	days 80							
31	Submit Health and Safety Management Plan (ACC Cl. D6(2))		6 days	0 days	100%	Thu 30/5/19	Tue 4/6/19	Thu 30/5/19			Tue 4/6/19	0 days 0.								
83	Submit Detailed Programme for Safety Risk (ER Part 7, Cl. 7.3.4)		34 days	0 days	100%	Mon 9/12/19		Mon 9/12/19			Sat 11/1/20	0 days 0.		[
												-								
84	Submit Environmental Management Plan (ACC Cl. D20(2))		6 days	0 days	100%	Thu 30/5/19	Tue 4/6/19	Thu 30/5/19			Tue 4/6/19		5 day 4	[_						
85	Submit BIM Models Deliverables	262 day	s 262 days	0 days	0%	Tue 13/8/19	1 nu <i>30/4/2</i> 0	Tue 13/8/19	1 nu <i>30/4/2</i> 0	1 ue 13/8/19	Thu 30/4/20	0 days								
itle: E	Rev.11 Prog with Progress	Summary			Inactive M	filestone \diamondsuit		Duration-on	ly		Start-only	С		External Milesto	ne 🔷		Critical Split			
	22-May-20	Project Sur			Inactive S				nmary Rollup		Finish-only	3		Deadline	•		Progress	_		
	Milestone ♦	Inactive Ta	ask		Manual Ta	ask		Manual Sur	nmarv		External Task	CS Z		Critical			Manual Progress			

							Con	tract No. ED	/2018/01 KTD Pi	roject													
	Task Name	Duration A		Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish Late	e Start	Late Finish	Total Slack	TRA	Predecessors	2020	2 04 6		2021	4 01 0	2022	2	023	
86	Existing Site Model (Topography)	46 days 4	Duration 46 days	0 days	100%	Tue 13/8/19	Fri 27/9/19	Tue 13/8/19	Fri 27/9/19 Tue	13/8/19	Fri 27/9/19	0 days	1 day		Q2 Q	3 Q4 C	Q1 Q2	Q3 Q4	4 Q1 Q2	2 Q3 Q4	Q1 Q2	Q3 Q4	Q1_
87	Existing Underground Utilities (UU) Model	33 days	33 days	0 days	100%	Mon 26/8/19	Fri 27/9/19	Mon 26/8/19	Fri 27/9/19 Mor	n 26/8/19	Fri 27/9/19	0 days	1 day										
88	3D Digital Survey For Existing Conditions	44 days	44 days	0 days	100%	Mon 2/9/19	Tue 15/10/19	Mon 2/9/19	Tue 15/10/19 Mor	n 2/9/19	Tue 15/10/19	0 days	1 day										
89	3D Photogrametry Model	46 days	46 days	0 days	100%	Mon 16/9/19	Thu 31/10/19	Mon 16/9/19	Thu 31/10/19 Mor	n 16/9/19	Thu 31/10/19	0 days	1 day										
90	AIP Model	16.92 day	16.92 days	0 days	100%	Fri 6/9/19	Sun 22/9/19	Fri 6/9/19	Sun 22/9/19 Fri (6/9/19	Sun 22/9/19	0 days	1 day										
91	Interfacing Contract Model	53 days	53 days	0 days	100%	Mon 9/9/19	Thu 31/10/19	Mon 9/9/19	Thu 31/10/19 Mor	n 9/9/19	Thu 31/10/19	0 days	1 day										
92	Monthly Updated BIM Model	1 day	1 day	0 days	100%	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19 Thu	ı 31/10/19	Thu 31/10/19	0 days	1 day										
93	4D Model Linked Up with Programme	0 days (0 days	100%	Thu 30/4/20			Thu 30/4/20 Thu			0 days			♦ 30/4								
94	Construction Method Simulation (CMS) in 3D Model	0 days (0 days	100%	Wed 22/4/20			Wed 22/4/20 Wed		Wed 22/4/20	0 days			\$ 22/4								
95	BIM Deliverables Schedule	896 days 3		892.28 days	0%	Thu 16/5/19		1 Thu 16/5/19			Tue 11/1/22	76 days	- uu		- 22/1								
96	Establish BIM Team	0 days (0 days	100%	Sat 3/8/19	Sat 3/8/19	Sat 3/8/19		3/8/19	Sat 3/8/19	0 days	1 day										
97	BIM Execution Plan				100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19 Sat 3		Sat 31/8/19												
		0 days (0 days								0 days	_										
98	BIM Submission Schedule	0 days (-	0 days	100%	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19 Fri		Fri 16/8/19	0 days	-										
99	BIM 360 License	0 days (0 days	100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19 Sat 3		Sat 31/8/19	0 days											
100	BIM/Drawing Management Software System	0 days (0 days	100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19 Sat 3		Sat 31/8/19	0 days											
101	CDE Setup		1 day	0 days	100%	Sat 31/8/19	Mon 9/9/19	Sat 31/8/19	Mon 9/9/19 Sat		Mon 9/9/19	0 days	-										
102	Clash Report Format	0 days (0 days	0 days	100%	Thu 12/9/19			Thu 12/9/19 Thu		Thu 12/9/19	0 days	1 day										
103	Monthly Report Format	0 days (0 days	0 days	100%	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19 Thu	1 12/9/19	Thu 12/9/19	0 days	1 day										
104	Quality Assurance Plan for BIM	0 days (0 days	0 days	100%	Mon 30/9/19	Mon 30/9/19	Mon 30/9/19	Mon 30/9/19 Mon	n 30/9/19	Mon 30/9/19	0 days	1 day										
105	BIM Training Plan	0 days (0 days	0 days	100%	Thu 10/10/19	Thu 10/10/19	Thu 10/10/19	Thu 10/10/19 Thu	1 10/10/19	Thu 10/10/19	0 days	1 day										
.06	BIM Training Schedule for CIC Training	0 days (0 days	0 days	100%	Mon 30/9/19	Mon 30/9/19	Mon 30/9/19	Mon 30/9/19 Mor	n 30/9/19	Mon 30/9/19	0 days	1 day										
107	Monthly BIM Progress Report	0 days (0 days	0 days	100%	Thu 16/5/19	Tue 31/12/19	Thu 16/5/19	Tue 31/12/19 Thu	16/5/19	Tue 31/12/19	0 days	1 day		-								
108	Monthly Clash Report	1 day	1 day	0 days	100%	Tue 31/3/20	Tue 31/3/20	Tue 31/3/20	Tue 31/3/20 Tue	31/3/20	Tue 31/3/20	0 days	1 day										
109	BIM Object Libraries	1 day	1 day	0 days	100%	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19 Thu	12/9/19	Thu 12/9/19	0 days	1 day										
110	Trees Preservation and Removal Proposal (TPRP) for tress along promenade open space Submission	e 0 days (0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA Sun	17/1/21	Sun 17/1/21	63 days	1 day			◆ 2/11							
11	Trees Preservation and Removal Proposal (TPRP) for tress along promenade open space Submission Comment & Approval by Relevant Government Authories	e 360 days (0 days	360 days	0%	Mon 2/11/20	Wed 27/10/2	1 NA	NA Sun	ı 17/1/21	Tue 11/1/22	76 days	1 day	110									
12	Trees Preservation and Removal Proposal (TPRP) for tress along Sing Kai Submission	0 days (0 days	0 days	0%	Fri 31/7/20	Fri 31/7/20	NA	NA Wed	d 30/9/20	Wed 30/9/20	52 days	1 day			31./7							
113	Trees Preservation and Removal Proposal (TPRP) for tress along Sing Kai Road Submission Comment & Approval by Relevant Government Authories	360 days (0 days	360 days	0%	Fri 31/7/20	Sun 25/7/21	NA	NA Wed	d 30/9/20	Fri 24/9/21	61 days	1 day	112									
14	Temporary Traffic Management	478 days 4	447.84 days	30.16 days	0%	Thu 30/5/19	Fri 18/9/20	Thu 30/5/19	NA Thu	ı 30/5/19	Fri 25/9/20	7 days				$H \mid \mid \mid \mid \mid \mid \mid$							
115	Submit Traffic Engineering Consultant and TTM Team Leader (PS1.16(3))	14 days	14 days	0 days	100%	Thu 30/5/19	Wed 12/6/19	Thu 30/5/19	Wed 12/6/19 Thu	1 30/5/19	Wed 12/6/19	0 days	1 day	4									
16	Submit EP Mgt System Co-ordinator (PS Cl. 1.18N(2))	7 days	7 days	0 days	100%	Thu 30/5/19	Wed 5/6/19	Thu 30/5/19	Wed 5/6/19 Thu	ı 30/5/19	Wed 5/6/19	0 days	1 day	4									
117	Approve of EP Co-ordinator by Project Manager (PS Cl. 1.18N(2))	14 days	-	0 days	100%	Thu 6/6/19		Thu 6/6/19	Wed 19/6/19 Thu		Wed 19/6/19		_	116									
118	Submit UU detection equipment for Supervisor approval (PS Cl. 1.25A(1))	7 days	-	0 days	100%	Thu 30/5/19			Wed 5/6/19 Thu		Wed 5/6/19	0 days		4									
19	Submit & obtain approval: site office's location and layout plan (PS Cl. 1.45(11)) (7d	47 days		0 days	100%	Thu 30/5/19	Fri 18/10/19		Fri 18/10/19 Thu		Fri 18/10/19		1 day	4									
120	submission + 14d approval) Submit Site survey record (PS Cl.1.47(7))	34 days 3		0 days	100%	Thu 30/5/19	Tue 2/7/19		Tue 2/7/19 Thu		Tue 2/7/19		1 day	1									
.20	Submit & obtain approval: fencing & hoarding plan (PS Cl. 1.48(10)	40 days (40 days	0%	Mon 10/8/20	Fri 18/9/20	NA			Fri 25/9/20		0.5 days	4									
121	Submit site facilities (PS Cl. 1.50S)	65 days 6			100%	Thu 30/5/19	Fri 2/8/19	Thu 30/5/19			Fri 2/8/19		0.5 days										
	, , ,			0 days										4									
123	Submit security system (PS Cl. 1.53A(5))	36 days 3		0 days	100%	Thu 30/5/19	Thu 4/7/19		Thu 4/7/19 Thu		Thu 4/7/19		0.5 days	4									
24	Submit Interface Management Plan (PS Cl. 1.89(2))	47 days		0 days	100%	Thu 30/5/19			Mon 15/7/19 Thu		Mon 15/7/19		0.5 days										
25	Submit Subcontractor Management Plan (ACC Cl. C5(1))	13 days		0 days	100%	Thu 30/5/19			Tue 11/6/19 Thu		Tue 11/6/19		0.5 days	4									
26	Submit Temporary Drainage and Sewerage Management Plan (PS Cl. 1.24A(1))	174 days 1	174 days	0 days	100%	Thu 30/5/19			Tue 19/11/19 Thu		Tue 19/11/19	0 days	1 day	4									
.27	Submit EM&A Manual (ER Part 8, Cl. 8.2)	6 days 6	6 days	0 days	100%	Thu 30/5/19	Tue 4/6/19	Thu 30/5/19	Tue 4/6/19 Thu	1 30/5/19	Tue 4/6/19	0 days	0 days	4									
128	Submit Proposal of selection of suppliers of Plant and Materials (ACC Cl. C11(1)	80 days 8	80 days	0 days	100%	Thu 30/5/19	Sat 17/8/19	Thu 30/5/19	Sat 17/8/19 Thu	1 30/5/19	Sat 17/8/19	0 days	0 days	4									
129	Submit Contractor's Management Team (ACC Cl. D1(3))	50 days	50 days	0 days	100%	Thu 30/5/19	Thu 18/7/19	Thu 30/5/19	Thu 18/7/19 Thu	1 30/5/19	Thu 18/7/19	0 days	0 days	4									
tle· P	ev.11 Prog with Progress	Summary			Inactive Mi	lestone	-	Duration-o	nly		Start-only	1	E	Ex	temal Mileston	ie 🔷		Critic	al Split				
	22-May-20	Project Summ			Inactive Su				mmary Rollup		Finish-only		3		eadline	+		Progra					
	Milestone ◆	Inactive Task	l		Manual Tas	SK .		Manual Su	mmary		External Tasl	ΣS		Cr	itical			Manu	al Progress				



						Conf	tract No. ED/	/2018/01 KT	D Project												
	Task Name	Duration Actual	Remaining	Physical %	Early Start		Actual Start			Late Finish		TRA	Predecessors	2020			2021	202	2	2023	2 21
75	Submit & endorse by PM and Statutory Authorities/Gov. Dept	Duration 50 days	Duration 50 days	Complete 0%	Sun 27/9/20	Sun 15/11/20	NA	NA	Thu 15/10/20	Thu 3/12/20	Slack 18 days	3 days	174	Q2 Q	3 Q4	Q1 Q2	Q3 Q4	Q1 Q2	Q3 Q4 Q	1 Q2 Q1 	3 Q4 C
76	Noise barrier fronting to 4B5 at Rd D3A & Bus Lay By (Section 5&9)	338 days 215.23 days	-	0%	Mon 4/11/19	Tue 6/10/20	Mon 4/11/19		Mon 4/11/19	Wed 7/10/20	1 day										
77	Prepare AIP Submission (Draft)	38 days 38 days	0 days	100%	Mon 4/11/19	Wed 11/12/19	Mon 4/11/19	Wed 11/12/	. Mon 4/11/19	Wed 11/12/19	0 days	2 days									
78	Submit & endorse by PM and Statutory Authorities/Gov. Dept	167 days 162 days	5 days	97%	Thu 12/12/19	Tue 26/5/20	Thu 12/12/19	NA	Thu 12/12/19	Wed 27/5/20	1 day		177								
79	Prepare AIP and ICE certification (Final)	56 days 31 days	25 days	55%	Wed 22/4/20	Tue 16/6/20	Wed 22/4/20		Wed 22/4/20	Wed 17/6/20	1 day		178FF+21 days								
80	Prepare DDA Subm (Draft)	18 days 18 days	0 days	100%	Wed 1/4/20	Sat 18/4/20	Wed 1/4/20		Wed 1/4/20	Sat 18/4/20		0.5 days									
81	Submit & endorse by PM	55 days 35 days	20 days	64%	Sat 18/4/20	Thu 11/6/20		NA	Sat 18/4/20	Thu 6/8/20	56 days	ois days	180								
32	Submit & endorse by Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Wed 17/6/20	Wed 5/8/20			Thu 18/6/20	Thu 6/8/20	1 day		180,179								
3	Prepare DDA for and ICE certification (Final) (Original Contract Scope)	12 days 0 days	12 days	0%	Thu 6/8/20	Mon 17/8/20			Fri 7/8/20	Tue 18/8/20		1 days	181,182								
34	Submit & endorse by PM and Statutory Authorities/Gov. Dept		50 days	0%	Tue 18/8/20	Tue 6/10/20		NA	Wed 19/8/20	Wed 7/10/20			183								
35		50 days 0 days										1 days	103	_							
	Decking for Underpass (Rd L14)	304 days 0 days	304 days	0%	Mon 20/7/20	Wed 19/5/21			Fri 31/7/20	Sun 30/5/21	11 days	2.1	44EE, 10.1								
6	Structure Prepare AIP and ICE certification (Draft)	25 days 0 days	25 days	0%	Mon 20/7/20	Thu 13/8/20			Fri 31/7/20	Mon 24/8/20	11 days		44FF+12 days								
37	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Fri 14/8/20		NA		Tue 25/8/20	Tue 13/10/20		0.5 days									
8	Prepare AIP and ICE certification (Final)	15 days 0 days	15 days	0%	Sat 3/10/20	Sat 17/10/20		NA	Wed 14/10/20	Wed 28/10/20			186,187								
9	Prepare DDA and ICE certification (Draft)	89 days 0 days	89 days	0%	Sun 18/10/20	Thu 14/1/21			Thu 29/10/20	Mon 25/1/21	11 days		186,188								
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Fri 15/1/21	Fri 5/3/21	NA	NA	Tue 26/1/21	Tue 16/3/21	11 days	0.5 days	189								
1	Prepare DDA and ICE certification (Final)	25 days 0 days	25 days	0%	Sat 6/3/21	Tue 30/3/21	NA	NA	Wed 17/3/21	Sat 10/4/21	11 days	2 days	190								
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Wed 31/3/21	Wed 19/5/21	NA	NA	Sun 11/4/21	Sun 30/5/21	11 days	1 day	191								
3	Road D3 Bridge & Approach Ramps	439 days 358.08 days	80.92 days	0%	Thu 30/5/19	Mon 10/8/20	Thu 30/5/19	NA	Thu 30/5/19	Thu 8/10/20	59 days		4								
4	D3 Bridge Substructure	439 days 358.08 days	80.92 days	0%	Thu 30/5/19	Mon 10/8/20	Thu 30/5/19	NA	Thu 30/5/19	Thu 8/10/20	59 days										
5	Prepare AIP and ICE certification (Draft)	66 days 66 days	0 days	100%	Thu 30/5/19	Sat 3/8/19	Thu 30/5/19	Sat 3/8/19	Thu 30/5/19	Sat 3/8/19	0 days	3 days	4								
6	Submit & endorse by PM and Statutory Authorities/Gov. Dept	15 days 15 days	0 days	100%	Mon 5/8/19	Mon 19/8/19	Mon 5/8/19	Mon 19/8/19	Mon 5/8/19	Mon 19/8/19	0 days	1 days	195,138								
7	Prepare AIP and ICE certification (Final)	30 days 30 days	0 days	100%	Mon 23/12/19	Tue 21/1/20	Mon 23/12/19	Tue 21/1/20	Mon 23/12/19	Tue 21/1/20	0 days	0 days	195,196								
8	Prepare DDA and ICE certification (Draft)	106 days 106 days	0 days	100%	Fri 19/7/19	Sun 17/11/19	Fri 19/7/19	Sun 17/11/19	Fri 19/7/19	Sun 17/11/19	0 days	5 days	195								
9	Submit & endorse by PM	17 days 17 days	0 days	100%	Wed 20/11/19	Fri 6/12/19	Wed 20/11/19	Fri 6/12/19	Wed 20/11/19	Fri 6/12/19	0 days	3 days	198								
0	Submit & endorse by Statutory Authorities/Gov. Dept	45 days 45 days	0 days	100%	Fri 24/1/20	Wed 18/3/20	Fri 24/1/20	Wed 18/3/20	Fri 24/1/20	Wed 18/3/20	0 days	1 days	198								
1	Prepare DDA for and ICE certification (Include P02-BP2 Remedial Pile)	105 days 75 days	30 days	71%	Mon 9/3/20	Sun 21/6/20	Mon 9/3/20	NA	Mon 9/3/20	Wed 19/8/20	59 days	1 days	200								
2	(Contractor Bear DDA Approval Risk) Submit & endorse by PM and Statutory Authorities/Gov. Dept (Contractor Bear	50 days 0 days	50 days	0%	Mon 22/6/20	Mon 10/8/20	NA	NA	Thu 20/8/20	Thu 8/10/20	59 days	1 days	201								
)3	DDA Approval Risk) D3 Bridge Superstructure	728 days 370.67 days	357.33 days	0%	Thu 30/5/19	Wed 26/5/21	Thu 30/5/19	NA	Thu 30/5/19	Wed 21/7/21	56 days										
14	Prepare AIP and ICE certification (Draft)	101 days 101 days	0 days	100%	Thu 30/5/19	Sat 7/9/19	Thu 30/5/19	Sat 7/9/19	Thu 30/5/19	Sat 7/9/19	0 days	1 day									
)5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	19 days 19 days	0 days	100%	Mon 9/9/19	Fri 27/9/19	Mon 9/9/19	Fri 27/9/19	Mon 9/9/19	Fri 27/9/19	0 days	1 day	204								
)6	Prepare AIP and ICE certification (Final)	135 days 135 days	0 days	100%	Wed 20/11/19	Thu 2/4/20	Wed 20/11/19	Thu 2/4/20	Wed 20/11/19	Thu 2/4/20		3 days	205								
)7	Prepare DDA and ICE certification (Draft)	222 days 222 days	0 days	100%	Fri 19/7/19	Tue 25/2/20		Tue 25/2/20		Tue 25/2/20		_	205								
)8	Submit & endorse by PM	23 days 23 days	0 days	100%	Wed 26/2/20		Wed 26/2/20			Thu 19/3/20			207								
)9	Submit & endorse by Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Mon 29/6/20	Mon 17/8/20			Thu 16/7/20	Thu 3/9/20	17 days		207,206FF+12	d							
.0	Prepare DDA for and ICE certification (Final)	21 days 0 days	-	0%	Tue 18/8/20	Mon 7/9/20			Fri 4/9/20	Thu 24/9/20	17 days		208,206,209								
			21 days																		
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Tue 8/9/20	Tue 27/10/20			Fri 25/9/20	Fri 13/11/20	17 days		210								
2	Prepare AIP (E&M works) and ICE certification (Draft)	32 days 0 days	32 days	0%	Thu 2/7/20		NA		Thu 27/8/20	Sun 27/9/20	56 days		212								
.3	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Mon 3/8/20	Sat 3/10/20			Mon 28/9/20	Sat 28/11/20	56 days		212								
4	Prepare AIP (E&M works) and ICE certification (Final)	32 days 0 days	32 days	0%	Sun 4/10/20	Wed 4/11/20			Sun 29/11/20	Wed 30/12/20			213								
5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Thu 5/11/20	Tue 5/1/21			Thu 31/12/20	Tue 2/3/21	56 days		214								
16	Prepare DDA (E&M works) and ICE certification (Draft)	32 days 0 days	32 days	0%	Sat 5/12/20	Tue 5/1/21	NA	NA	Sat 30/1/21	Tue 2/3/21	56 days		215FF								
17	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Wed 6/1/21	Mon 8/3/21	NA	NA	Wed 3/3/21	Mon 3/5/21	56 days	2 days	216								
18	Prepare DDA (E&M works) and ICE certification (Final)	17 days 0 days	17 days	0%	Tue 9/3/21	Thu 25/3/21	NA	NA	Tue 4/5/21	Thu 20/5/21	56 days	2 days	217								
19	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Fri 26/3/21	Wed 26/5/21	NA	NA	Fri 21/5/21	Wed 21/7/21	56 days	2 days	218	1							
—— ام کا	Lev.11 Prog with Progress	Summary		Inactive M	ilestone \diamondsuit	1	Duration-or	nly		Start-only	1	Е	Ext	ternal Mileston	e 🔷		Critical S	plit			
	22-May-20 Split	Project Summary		Inactive Su				nmary Rollup		Finish-only		3		adline	•		Progress			_	
	Milestone ◆	Inactive Task		Manual Ta	sk		Manual Sur	nmary		External Task	S		Cri	tical			Manual F	rogress		_	

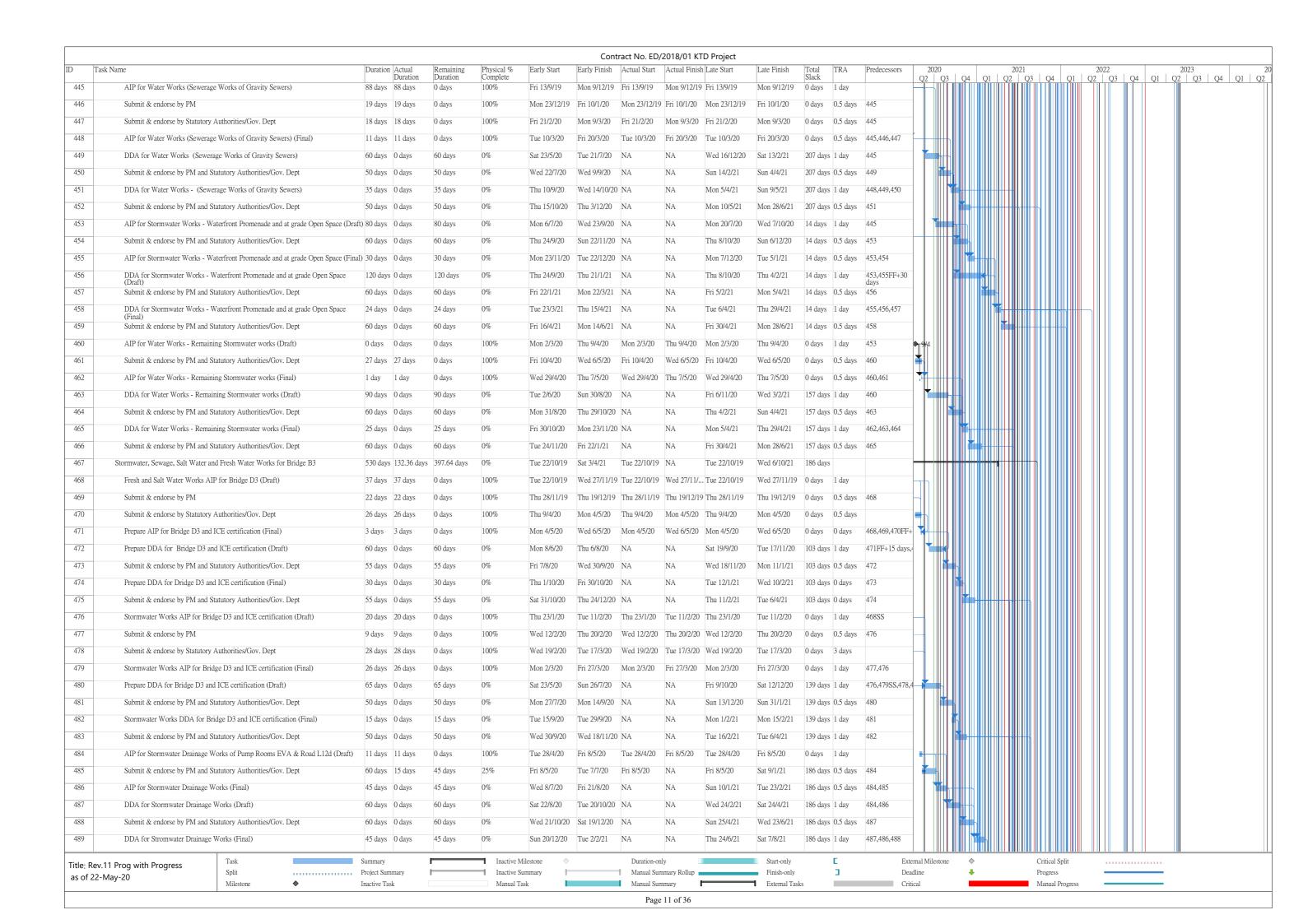
							Con	tract No. ED,	/2018/01 KT	D Project														
Tas	k Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total TRA Slack	Predecessors	2020	03 04	01	2021 O2 O	3 04	01	202	03 0	4 01	2023 Q2 Q3	04
)	D3 North Approach Ramp (Structure)	398 days	348.95 days		0%	Mon 3/6/19	Sat 4/7/20	Mon 3/6/19	NA	Mon 3/6/19	Thu 8/10/20	96 days										7 Q1	Q2 Q3	<u> </u>
	Prepare AIP and ICE certification (Draft))	51 days	51 days	0 days	100%	Mon 3/6/19	Tue 23/7/19	Mon 3/6/19	Tue 23/7/19	Mon 3/6/19	Tue 23/7/19	0 days 3 days	4											
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	100 days	100 days	0 days	100%	Thu 25/7/19	Fri 1/11/19	Thu 25/7/19	Fri 1/11/19	Thu 25/7/19	Fri 1/11/19	0 days 1 days	221											
	Prepare AIP and ICE certification (Final)	14 days	14 days	0 days	100%	Tue 6/8/19	Thu 19/12/19	Tue 6/8/19	Thu 19/12/19	Tue 6/8/19	Thu 19/12/19	0 days 0 days	221,222											
1	Prepare DDA (Draft) with ICE certification	66 days	66 days	0 days	100%	Fri 19/7/19	Thu 20/2/20	Fri 19/7/19	Thu 20/2/20	Fri 19/7/19	Thu 20/2/20	0 days 5 days	221,223FF											
5	Submit & endorse by PM/Statutory Authorities/Gov. Dept	31 days	31 days	0 days	100%	Mon 20/1/20	Mon 23/3/20	Mon 20/1/20	Mon 23/3/20	Mon 20/1/20	Mon 23/3/20	0 days 3 days	224											
6	Prepare DDA for and ICE certification (Final)	45 days	45 days	0 days	100%	Wed 1/4/20	Fri 15/5/20	Wed 1/4/20	Fri 15/5/20	Wed 1/4/20	Fri 15/5/20	0 days	225											
7	Submit & endorse by PM/Statutory Authorities/Gov. Dept	50 days	6 days	44 days	12%	Sat 16/5/20	Sat 4/7/20	Sat 16/5/20	NA	Sat 16/5/20	Thu 8/10/20	96 days 0.5 days	226											
8	D3 North Approach Ramp (E&M Works)	329 days	0 days	329 days	0%	Thu 2/7/20	Wed 26/5/21	NA	NA	Fri 27/11/20	Thu 21/10/21	148 days												
)	Prepare AIP (E&M works) and ICE certification (Draft)	32 days	0 days	32 days	0%	Thu 2/7/20	Sun 2/8/20	NA	NA	Fri 27/11/20	Mon 28/12/20	148 days 2 days												
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Mon 3/8/20	Sat 3/10/20	NA	NA	Tue 29/12/20	Sun 28/2/21	148 days 2 days	229											
	Prepare AIP (E&M works) and ICE certification (Final)	32 days	0 days	32 days	0%	Sun 4/10/20	Wed 4/11/20	NA	NA	Mon 1/3/21	Thu 1/4/21	148 days 2 days	230											
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Thu 5/11/20	Tue 5/1/21	NA	NA	Fri 2/4/21	Wed 2/6/21	148 days 2 days	231											
3	Prepare DDA (E&M works) and ICE certification (Draft)	32 days		32 days	0%	Sat 5/12/20	Tue 5/1/21	NA	NA	Sun 2/5/21	Wed 2/6/21	148 days 2 days	232FF											
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Wed 6/1/21	Mon 8/3/21		NA	Thu 3/6/21	Tue 3/8/21	148 days 2 days	233											
5	Prepare DDA (E&M works) and ICE certification (Final)	17 days		17 days	0%	Tue 9/3/21	Thu 25/3/21		NA	Wed 4/8/21	Fri 20/8/21	148 days 2 days	234	_		l III ,								
5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Fri 26/3/21	Wed 26/5/21		NA NA	Sat 21/8/21	Thu 21/10/21	148 days 2 days		_										
													233											
7	D3 South Approach Ramp			184.36 days	0%	Thu 30/5/19		Thu 30/5/19		Thu 30/5/19	Tue 16/2/21	122 days												
8	Prepare AIP and ICE certification (Draft)		96 days	0 days	100%	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19			Mon 2/9/19	0 days 3 days												
)	Submit & endorse by PM and Statutory Authorities/Gov. Dept	35 days		0 days	100%	Wed 25/9/19		Wed 25/9/19			Tue 29/10/19	0 days 1 day	238											
)	Prepare AIP Submission (Final)	76 days	76 days	0 days	100%	Fri 7/2/20	Mon 4/5/20	Fri 7/2/20	Mon 4/5/20		Mon 4/5/20	0 days 1 day	238,239											
1	Prepare DDA and ICE certification (Draft)	50 days	50 days	0 days	100%	Wed 1/4/20		Wed 1/4/20	Wed 20/5/20		Wed 20/5/20	0 days 5 days	240FF+15 day	/S										
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	2 days	58 days	3%	Thu 21/5/20	Sun 19/7/20	Thu 21/5/20	NA	Thu 21/5/20	Wed 18/11/20	122 days 1 day	238,241											
.3	Prepare DDA for and ICE certification (Final)	30 days	0 days	30 days	0%	Mon 20/7/20	Tue 18/8/20	NA	NA	Thu 19/11/20	Fri 18/12/20	122 days 1 day	242,240FF+12	2 d										
4	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Wed 19/8/20	Sat 17/10/20	NA	NA	Sat 19/12/20	Tue 16/2/21	122 days 1 day	243											
5	D3 South Approach Ramp (E&M Works)	392 days	0 days	392 days	0%	Sat 23/5/20	Fri 18/6/21	NA	NA	Wed 18/11/20	Tue 14/12/21	179 days												
6	Prepare AIP (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Sat 23/5/20	Mon 22/6/20	NA	NA	Wed 18/11/20	Fri 18/12/20	179 days 1 day												
7	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Tue 23/6/20	Sun 6/9/20	NA	NA	Sat 19/12/20	Thu 4/3/21	179 days 1 day	246											
8	Prepare AIP (E&M works) and ICE certification (Final)	31 days	0 days	31 days	0%	Mon 7/9/20	Wed 7/10/20	NA	NA	Fri 5/3/21	Sun 4/4/21	179 days 1 day	247											
.9	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 8/10/20	Tue 22/12/20	NA	NA	Mon 5/4/21	Sat 19/6/21	179 days 1 day	248											
0	Prepare DDA (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Sun 22/11/20	Tue 22/12/20	NA	NA	Thu 20/5/21	Sat 19/6/21	179 days 1 day	249FF			 								
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Wed 23/12/20	Mon 8/3/21	NA	NA	Sun 20/6/21	Fri 3/9/21	179 days 1 day	250											
2	Prepare DDA (E&M works) and ICE certification (Final)	26 days	0 days	26 days	0%	Tue 9/3/21	Sat 3/4/21	NA	NA	Sat 4/9/21	Wed 29/9/21	179 days 1 day	251											
3	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sun 4/4/21	Fri 18/6/21	NA	NA	Thu 30/9/21	Tue 14/12/21	179 days 1 day	252						\blacksquare					
4	Road D3 Underpass and Depressed Road	823 days	236.99 days	586.01 days	0%	Thu 30/5/19	Sun 29/8/21	Thu 30/5/19	NA	Thu 30/5/19	Wed 11/1/23	500 days						1						
5	Underpass (Structure)	486 days	320.41 days	165.59 days	0%	Thu 30/5/19	Sat 26/9/20	Thu 30/5/19	NA	Thu 30/5/19	Wed 2/12/20	67 days												
6	Prepare AIP and ICE certification (Draft)	96 days	96 days	0 days	100%	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	0 days 3 days	4	$\parallel \parallel \parallel$										
7	Submit & endorse by PM and Statutory Authorities/Gov. Dept		17 days	0 days	100%	Tue 3/9/19	Thu 19/9/19	Tue 3/9/19	Thu 19/9/19	Tue 3/9/19	Thu 19/9/19	0 days 1 days	256	$-\parallel\parallel\parallel$										
3	Prepare AIP and ICE certification (Final)		84 days	0 days	100%	Tue 14/1/20	Mon 6/4/20	Tue 14/1/20	Mon 6/4/20	Tue 14/1/20	Mon 6/4/20	0 days 2 days	256,257	_ _										
)	Prepare DDA (Draft) Preparation		156 days	0 days	100%	Tue 3/9/19	Wed 5/2/20	Tue 3/9/19	Wed 5/2/20		Wed 5/2/20	0 days 3 days	256	$\parallel \parallel \parallel$										
)	DDA (Draft) Submit & endorse by PM & Statutory Authorities/Gov. Dept	169 days		135 days	20%	Thu 6/2/20	Thu 23/7/20	Thu 6/2/20	NA	Thu 6/2/20	Mon 28/9/20	67 days 0.5 days												
1	Prepare DDA for and ICE certification (Final)	15 days		15 days	0%	Fri 24/7/20		NA	NA	Tue 29/9/20			260,258FF+21	d										
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Sat 8/8/20	Sat 26/9/20		NA	Wed 14/10/20	Wed 2/12/20	67 days 1 day	261											
53	Underpass (E&M Works)	392 days		392 days	0%	Mon 3/8/20	Sat 20/9/20 Sun 29/8/21		NA NA		Wed 2/12/20 Wed 11/1/23	99 days	201	_										
										Tue 10/11/20								•						
164	Prepare AIP (E&M works) and ICE certification (Draft)	32 days	o days	32 days	0%	Mon 5/10/20	Thu 5/11/20	INA	NA	Tue 10/11/20	Fri 11/12/20	36 days 2 days												
e: Rev.	11 Prog with Progress Task	Summary Project Sum	amort.		Inactive M			Duration-or	•		Start-only	C 3		xtemal Milest	one <	>		Critical S						
of 22-I	May-20 Split Milestone ◆	Project Sun Inactive Ta		U	Inactive Su Manual Ta			Manual Sui	mmary Rollup		Finish-only External Tasi			eadline ritical		-		Progress	Progress	_				

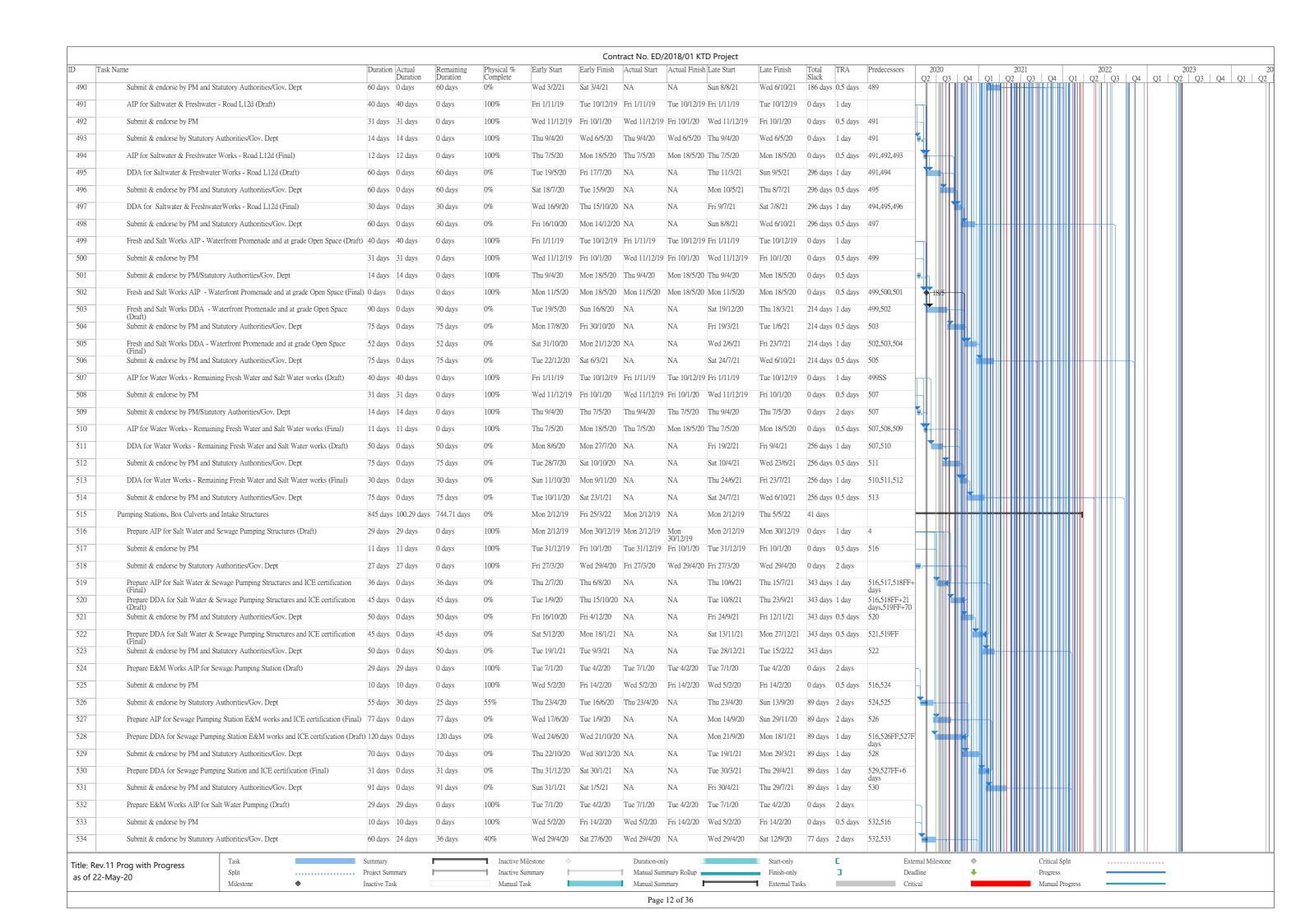
						COII	liact No. ED/	2010/01 K	TD Project													
	ask Name	Duration Actual	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	sh Late Start	Late Finish	Total Slack	TRA	Predecessors	2020	2 04	01 0	2021	04 01	2022	04 01	2023	04
65	Submit & endorse by PM and Statutory Authorities/Gov. Dept	Duration 62 days 0 days	62 days	Complete 0%	Fri 6/11/20	Wed 6/1/21	NA	NA	Sat 12/12/20	Thu 11/2/21	36 days	2 days	264	Q2 Q2	5 Q4	Q1 Q	2 Q3	_Q4 Q1	Q2 Q3	Q4 Q1	Q2 Q3	Q4 (
266	Prepare AIP (E&M works) and ICE certification (Final)	32 days 0 days	32 days	0%	Thu 7/1/21	Sun 7/2/21	NA	NA	Fri 12/2/21	Mon 15/3/21	36 days	2 days	265									
67	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Mon 8/2/21	Sat 10/4/21	NA	NA	Tue 16/3/21	Sun 16/5/21	36 days		266									
68	Prepare DDA (E&M works) and ICE certification (Draft)	32 days 0 days	32 days	0%	Wed 10/3/21	Sat 10/4/21		NA	Thu 15/4/21	Sun 16/5/21	36 days		267FF									
269	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Sun 11/4/21		NA	NA	Mon 17/5/21	Sat 17/7/21	36 days		268									
70	Prepare DDA (E&M works) and ICE certification (Final)	17 days 0 days	17 days	0%	Sat 12/6/21	Mon 28/6/21	NA	NA	Sun 18/7/21	Tue 3/8/21	36 days	2 days	269									
271	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days 0 days	62 days	0%	Tue 29/6/21	Sun 29/8/21	NA	NA	Wed 4/8/21	Mon 4/10/21	36 days	2 days	270									
272	Prepare AIP (E&M works) and Architectural Finishes of of Underpass (Road L14) and ICE certification (Draft)	31 days 0 days	31 days	0%	Mon 3/8/20	Wed 2/9/20	NA	NA	Thu 31/3/22	Sat 30/4/22	605 days	1 day			Ь							
273	Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days 0 days	51 days	0%	Thu 3/9/20	Fri 23/10/20	NA	NA	Sun 1/5/22	Mon 20/6/22	605 days	1 day	272									
274	Prepare AIP (E&M works)and Architectural Finishes of of Underpass (Road L14) and ICE certification (Final)	14 days 0 days	14 days	0%	Sat 24/10/20	Fri 6/11/20	NA	NA	Tue 21/6/22	Mon 4/7/22	605 days	2 days	273									
75	Submit & endorse by PM and Statutory Authorities/Gov. Dept	74 days 0 days	74 days	0%	Sat 7/11/20	Tue 19/1/21	NA	NA	Tue 5/7/22	Fri 16/9/22	605 days	1 day	274			-						
76	Prepare DDA (E&M works) and Architectural Finishes of of Underpass (Road	31 days 0 days	31 days	0%	Sun 20/12/20	Tue 19/1/21	NA	NA	Wed 17/8/22	Fri 16/9/22	605 days	1 day	275FF									
77	L14) and ICE certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days 0 days	51 days	0%	Wed 20/1/21	Thu 11/3/21	NA	NA	Sat 17/9/22	Sun 6/11/22	605 days	1 day	276			-						
78	Prepare DDA (E&M works) and Architectural Finishes of of Underpass (Road	15 days 0 days	15 days	0%	Fri 12/3/21	Fri 26/3/21	NA	NA	Mon 7/11/22	Mon 21/11/22			277									
79	L14) and ICE certification (Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days 0 days	51 days	0%	Sat 27/3/21	Sun 16/5/21		NA	Tue 22/11/22	Wed 11/1/23			278			l I I I I I						
	· · · · · · · · · · · · · · · · · · ·											-	276									
80	E&M Work for Pump House of Underpass D3	364 days 83.71 days		0%	Mon 24/2/20	Sun 21/2/21	Mon 24/2/20		Mon 24/2/20	Wed 18/8/21	178 days					7						
81	Prepare AIP (E&M works) Submission (Draft)	11 days 11 days	0 days	0%	Mon 24/2/20	Thu 5/3/20	Mon 24/2/20	Thu 5/3/20	Mon 24/2/20	Thu 5/3/20	0 days	2 days										
82	Submit & endorse by PM and Statutory Authorities/Gov. Dept	160 days 78 days	82 days	49%	Fri 6/3/20	Wed 12/8/20	Fri 6/3/20	NA	Fri 6/3/20	Sat 15/8/20	3 days	2 days	281									
283	Prepare AIP (E&M works) and ICE certification (Final)	21 days 0 days	21 days	0%	Thu 13/8/20	Wed 2/9/20	NA	NA	Sun 16/8/20	Sat 5/9/20	3 days	2 days	282,44FF+12 da									
84	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Thu 3/9/20	Thu 22/10/20	NA	NA	Sun 6/9/20	Sun 25/10/20	3 days	2 days	283									
85	Prepare DDA (E&M works) and ICE certification (Draft)	30 days 0 days	30 days	0%	Wed 30/9/20	Thu 29/10/20	NA	NA	Sat 3/10/20	Sun 1/11/20	3 days	2 days	284FF+7 days									
86	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Fri 30/10/20	Fri 18/12/20	NA	NA	Mon 2/11/20	Mon 21/12/20	3 days	2 days	285			Ы						
87	Prepare DDA (E&M works) and ICE certification (Final)	15 days 0 days	15 days	0%	Sat 19/12/20	Sat 2/1/21	NA	NA	Tue 22/12/20	Tue 5/1/21	3 days	2 days	286									
288	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days 0 days	50 days	0%	Sun 3/1/21	Sun 21/2/21	NA	NA	Wed 30/6/21	Wed 18/8/21	178 days	2 days	287									
289	Depressed Road (North) Structure	463 days 335.18 days		0%	Thu 16/5/19	Thu 20/8/20	Thu 16/5/19		Thu 16/5/19	Thu 11/5/23	994 days											
90	Prepare AIP and ICE certification (Draft)	65 days 65 days	0 days	100%	Thu 16/5/19	Fri 2/8/19	Thu 16/5/19		Thu 16/5/19	Fri 2/8/19		1 days	4									
											1		200									
91	Submit & endorse by PM and Statutory Authorities/Gov. Dept	33 days 33 days	0 days	100%	Sat 3/8/19	Wed 4/9/19	Sat 3/8/19		Sat 3/8/19	Wed 4/9/19		2 days	290									
92	Prepare AIP and ICE certification (Final)	44 days 44 days	0 days	100%	Mon 9/12/19				Mon 9/12/19	Tue 21/1/20	1	0 days	291									
193	Prepare DDA and ICE certification (Draft)	57 days 57 days	0 days	100%	Tue 24/9/19	Tue 19/11/19	Tue 24/9/19	Tue 19/11/1	9 Tue 24/9/19	Tue 19/11/19	0 days	5 days	290									
94	Submit & endorse by PM	17 days 17 days	0 days	100%	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	0 days	1 day	293									
95	Submit & endorse by Statutory Authorities/Gov. Dept	20 days 20 days	0 days	100%	Wed 19/2/20	Mon 9/3/20	Wed 19/2/20	Mon 9/3/20	Wed 19/2/20	Mon 9/3/20	0 days	1 day	293	_								
296	Prepare DDA for and ICE certification (Final)	30 days 0 days	30 days	0%	Sat 23/5/20	Sun 21/6/20	NA	NA	Sat 11/2/23	Sun 12/3/23	994 days	3 days	294,292FF,295									
297	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days 0 days	60 days	0%	Mon 22/6/20	Thu 20/8/20	NA	NA	Mon 13/3/23	Thu 11/5/23	994 days	5 days	296									
298	Depressed Road (North) E&M Works	322 days 0 days	322 days	0%	Mon 21/9/20	Sun 8/8/21	NA	NA	Tue 17/11/20	Mon 4/10/21	57 days				,							
299	Prepare AIP (E&M works) and ICE certification (Draft)	31 days 0 days	31 days	0%	Mon 21/9/20	Wed 21/10/20) NA	NA	Tue 17/11/20	Thu 17/12/20	57 days	1 dav										
800	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days 0 days	61 days	0%		Mon 21/12/20		NA	Fri 18/12/20	Tue 16/2/21	57 days		299									
801	Prepare AIP (E&M works) and ICE certification (Final)			0%	Tue 22/12/20			NA	Wed 17/2/21	Fri 19/3/21	57 days		300									
		31 days 0 days	31 days																			
02	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days 0 days	61 days	0%	Fri 22/1/21	Tue 23/3/21		NA	Sat 20/3/21	Wed 19/5/21	57 days		301									
03	Prepare DDA (E&M works) and ICE certification (Draft)	31 days 0 days	31 days	0%	Sun 21/2/21	Tue 23/3/21		NA	Mon 19/4/21	Wed 19/5/21			302FF									
04	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days 0 days	61 days	0%	Wed 24/3/21	Sun 23/5/21	NA	NA	Thu 20/5/21	Mon 19/7/21	57 days	1 day	303				Н					
05	Prepare DDA (E&M works) and ICE certification (Final)	16 days 0 days	16 days	0%	Mon 24/5/21	Tue 8/6/21	NA	NA	Tue 20/7/21	Wed 4/8/21	57 days	1 day	304									
06	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days 0 days	61 days	0%	Wed 9/6/21	Sun 8/8/21	NA	NA	Thu 5/8/21	Mon 4/10/21	57 days	1 day	305									
07	Depressed Road (South) and Substructure of Elevated Landscape Deck	463 days 333.16 days	s 129.84 days	0%	Mon 10/6/19	Mon 14/9/20	Mon 10/6/19	NA	Mon 10/6/19	Thu 15/10/20	31 days				$H = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$							
308	Prepare AIP and ICE certification (Draft)	54 days 54 days	0 days	100%	Mon 10/6/19	Fri 2/8/19	Mon 10/6/19	Fri 2/8/19	Mon 10/6/19	Fri 2/8/19	0 days	1 days										
309	Submit & endorse by PM and Statutory Authorities/Gov. Dept	81 days 81 days	0 days	100%	Sat 3/8/19	Tue 22/10/19	Sat 3/8/19	Tue 22/10/1	9 Sat 3/8/19	Tue 22/10/19	0 days	2 days	308									
																		111111111111111111111111111111111111111		<u> </u>		
	7.11 Prog With Progress	Summary Project Summary		Inactive M			Duration-or Manual Sur	nly nmary Rollup		Start-only Finish-only		C 3	Exter Dead	mal Mileston Iline	e <	> L		ritical Split rogress				
	-May-20	. годось одиници у		Manual Ta			vimiuai Jul	ur J NOHUP		External Tas		-	Deau			•	г	-51000				

							Con	tract No. ED/	2018/01 K	ID Project															
Task	Name	Duration	n Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack	Predecessors 202		04 0	1 0	2021	04	01	2022	03 6	M 0	1 02	023 Q3	_
10	Prepare AIP and ICE (certification (Final)	270 days	s 222 days	48 days	82%	Tue 15/10/19	Fri 10/7/20	Tue 15/10/19	NA	Tue 15/10/19	Mon 10/8/20	31 days 0 days	309,44FF+12 da		Q4 Q			Q4	Q1		23 0	<u>14 Q1</u>	. Q2		
11	Prepare DDA certification (Draft)	27 days	27 days	0 days	100%	Mon 10/2/20	Sat 7/3/20	Mon 10/2/20	Sat 7/3/20	Mon 10/2/20	Sat 7/3/20	0 days 5 days	308												
312	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	24 days	51 days	32%	Wed 29/4/20	Thu 16/7/20	Wed 29/4/20	NA	Wed 29/4/20	Sun 16/8/20	31 days 1 days	311,310FF+6												
313	Prepare DDA for and ICE certification (Final)	10 days	0 days	10 days	0%	Fri 17/7/20	Sun 26/7/20	NA	NA	Mon 17/8/20	Wed 26/8/20	31 days 0.5 days	312												
314	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 27/7/20	Mon 14/9/20	NA	NA	Thu 27/8/20	Thu 15/10/20	31 days 0.5 days	313					$\mathbb{H} $							
315	South Depressed Road (E&M Works)	382 days	s 0 days	382 days	0%	Mon 7/9/20	Thu 23/9/21	NA	NA	Fri 18/9/20	Mon 4/10/21	11 days						1							
316	Prepare AIP (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Mon 7/9/20	Wed 7/10/20	NA	NA	Fri 18/9/20	Sun 18/10/20	11 days 1 day													
317	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 8/10/20	Tue 22/12/20	NA	NA	Mon 19/10/20	Sat 2/1/21	11 days 1 day	316												
318	Prepare AIP (E&M works) and ICE certification (Final)	31 days	0 days	31 days	0%	Wed 23/12/20	Fri 22/1/21	NA	NA	Sun 3/1/21	Tue 2/2/21	11 days 1 day	317		1										
19	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 23/1/21	Thu 8/4/21	NA	NA	Wed 3/2/21	Mon 19/4/21	11 days 1 day	318												
20	Prepare DDA (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Tue 9/3/21	Thu 8/4/21	NA	NA	Sat 20/3/21	Mon 19/4/21	11 days 1 day	319FF												
21	Submit & endorse by PM and Statutory Authorities/Gov. Dept		0 days	76 days	0%	Fri 9/4/21	Wed 23/6/21	NA	NA	Tue 20/4/21	Sun 4/7/21	11 days 1 day	320												
22	Prepare DDA (E&M works) and ICE certification (Final)		0 days	16 days	0%	Thu 24/6/21	Fri 9/7/21	NA	NA	Mon 5/7/21	Tue 20/7/21	11 days 1 day	321												
23	Submit & endorse by PM and Statutory Authorities/Gov. Dept		0 days	76 days	0%	Sat 10/7/21	Thu 23/9/21		NA	Wed 21/7/21	Mon 4/10/21	11 days 1 day	322												
24	Road Works (Civil Works)		s 196.01 days		0%	Tue 13/8/19	Fri 4/6/21	Tue 13/8/19		Tue 13/8/19	Tue 14/12/21	193 days		Ш											
325			57 days		100%	Tue 13/8/19				Tue 13/8/19			293SS+75 days												
26	Prepare AIP for At-grade Road D3 and ICE certification (Draft)			0 days			Tue 8/10/19				Tue 8/10/19	0 days 1 day													
	Submit & endorse by PM		21 days	0 days	100%	Wed 9/10/19		Wed 9/10/19			Tue 29/10/19														
27	Submit & endorse by Statutory Authorities/Gov. Dept		24 days	0 days	100%	Wed 30/10/19				Wed 30/10/19	Fri 22/11/19	0 days 1 day	325												
328	Prepare AIP for At-grade Road D3 and ICE certification (Final)		57 days	0 days	100%	Thu 5/3/20	Mon 4/5/20	Thu 5/3/20	Mon 4/5/20		Mon 4/5/20	0 days 0 days	326FS+12 days,327,44FF+												
29	Prepare DDA for At-grade Road D3 and ICE certification (Draft)	210 days	s 0 days	210 days	0%	Sat 23/5/20	Fri 18/12/20		NA	Wed 2/12/20	Tue 29/6/21	193 days 5 days	days,328FF+6												
30	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 19/12/20	Wed 3/3/21	NA	NA	Wed 30/6/21	Sun 12/9/21	193 days 0.5 days	329												
331	Prepare DDA for At-grade Road D3 and ICE certification (Final)	16 days	0 days	16 days	0%	Thu 4/3/21	Fri 19/3/21	NA	NA	Mon 13/9/21	Tue 28/9/21	193 days 1 day	330			H									
32	Submit & endorse by PM and Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Sat 20/3/21	Fri 4/6/21	NA	NA	Wed 29/9/21	Tue 14/12/21	193 days 2 days	331												
33	Remaining Road Works (E&M Works)	382 days	s 0 days	382 days	0%	Mon 5/10/20	Thu 21/10/21	NA	NA	Sat 13/2/21	Tue 1/3/22	131 days						+							
34	Prepare AIP (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Mon 5/10/20	Wed 4/11/20	NA	NA	Sat 13/2/21	Mon 15/3/21	131 days 1 day													
35	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 5/11/20	Tue 19/1/21	NA	NA	Tue 16/3/21	Sun 30/5/21	131 days 1 day	334												
36	Prepare AIP (E&M works) and ICE certification (Final)	31 days	0 days	31 days	0%	Wed 20/1/21	Fri 19/2/21	NA	NA	Mon 31/5/21	Wed 30/6/21	131 days 1 day	335		III										
137	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 20/2/21	Thu 6/5/21	NA	NA	Thu 1/7/21	Tue 14/9/21	131 days 1 day	336			T									
38	Prepare DDA (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Tue 6/4/21	Thu 6/5/21	NA	NA	Sun 15/8/21	Tue 14/9/21	131 days 1 day	337FF												
339	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Fri 7/5/21	Wed 21/7/21	NA	NA	Wed 15/9/21	Mon 29/11/21	131 days 1 day	338												
340	Prepare DDA (E&M works) and ICE certification (Final)	16 days	0 days	16 days	0%	Thu 22/7/21	Fri 6/8/21	NA	NA	Tue 30/11/21	Wed 15/12/21	131 days 1 day	339												
341	Submit & endorse by PM and Statutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 7/8/21	Thu 21/10/21	NA	NA	Thu 16/12/21	Tue 1/3/22	131 days 1 day	340												
342	Road L12d Works (Roadworks)	791 days	s 261.27 days	529.73 days	0%	Tue 6/8/19	Mon 4/10/21	Tue 6/8/19	NA	Tue 6/8/19	Tue 28/2/23	512 days						-							
343	Prepare AIP for Road L12d Submission (Draft)	64 days	64 days	0 days	100%	Tue 6/8/19	Tue 8/10/19	Tue 6/8/19	Tue 8/10/19	Tue 6/8/19	Tue 8/10/19	0 days 1 day	325												
44	Submit & endorse by PM and Statutory Authorities/Gov. Dept	377 days	s 227 days	150 days	60%	Wed 9/10/19	Mon 19/10/20	0 Wed 9/10/19	NA	Wed 9/10/19	Tue 15/3/22	512 days			-2										
345				120 days	0%	Tue 20/10/20	Tue 16/2/21		NA	Wed 16/3/22	Wed 13/7/22	512 days 0 days	343,44FF+12												
346	(Final) Prepare DDA for Road L12d (Include E&M Provision Works) and ICE certification			120 days	0%	Thu 19/11/20			NA	Fri 15/4/22	Fri 12/8/22	512 days 1 day	days,344 343FS+260												
347	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept		0 days	75 days	0%	Fri 19/3/21	Tue 1/6/21		NA	Sat 13/8/22		512 days 1 day	days,345FF+30												
348	Prepare DDA for Road L12d (Include E&M Provision Works) and ICE certification			50 days	0%	Wed 2/6/21	Wed 21/7/21		NA	Thu 27/10/22		512 days 0.3 days	347,345FF												
	(Final)																								
49	Submit & endorse by PM and Statutory Authorities/Gov. Dept		0 days	75 days	0%	Thu 22/7/21	Mon 4/10/21		NA	Fri 16/12/22	Tue 28/2/23	512 days 0 days	348												
50	Road Lighting of Road D3 (E&M)		s 129.19 days		0%	Mon 6/1/20	Sun 18/4/21	Mon 6/1/20		Mon 6/1/20	Sun 1/8/21	105 days													
51	Prepare AIP (E&M works) Submission (Draft)		30 days	0 days	100%	Mon 6/1/20	Tue 4/2/20		Tue 4/2/20	Mon 6/1/20	Tue 4/2/20	0 days 2 days													
352	Submit & endorse by Statutory Authorities/Gov. Dept and PM		s 108 days	82 days	57%	Wed 5/2/20		Wed 5/2/20		Wed 5/2/20	Wed 25/11/20		351												
353	Prepare AIP (E&M works) and ICE certification (Final)	32 days	0 days	32 days	0%	Thu 13/8/20	Sun 13/9/20		NA	Thu 26/11/20	Sun 27/12/20	105 days 2 days	352												
354	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Mon 14/9/20	Thu 12/11/20	NA	NA	Mon 28/12/20	Thu 25/2/21	105 days 2 days	353												
itle· Rev 1	Prog with Progress	Summary			Inactive M	ilestone 🔷		Duration-on	ly		Start-only	Е	External Miles	tone	♦		1 III	Critical Sp	olit						_
	ay-20 Split	Project Sur	mmary		Inactive Su	immary		Manual Sun	nmary Rollup		Finish-only	3	Deadline		4			Progress		_			-		

								tract No. ED,														
Task	x Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack	Predecessors	2020 Q2	Q3 Q4	Q1 Q	2021 2 Q3	Q4 C)22 Q3 Q4	4 Q1 Q	2023
355	Prepare DDA (E&M works) and ICE certification (Draft)	32 days		32 days	0%	Mon 12/10/20	Thu 12/11/20	NA	NA	Mon 25/1/21	Thu 25/2/21	105 days 2 days	354FF									
356	Submit & endorse by PM and Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Fri 13/11/20	Thu 28/1/21	NA	NA	Fri 26/2/21	Thu 13/5/21	105 days 2 days	355									
357	Prepare DDA (E&M works) and ICE certification (Final)	3 days	0 days	3 days	0%	Fri 29/1/21	Sun 31/1/21	NA	NA	Fri 14/5/21	Sun 16/5/21	105 days 2 days	356									
358	Submit & endorse by PM and Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Mon 1/2/21	Sun 18/4/21	NA	NA	Mon 17/5/21	Sun 1/8/21	105 days 2 days	357					Ш.				
359	Road L12d Works (E&M Works)	329 days	0 days	329 days	0%	Mon 5/10/20	Sun 29/8/21	NA	NA	Mon 1/2/21	Sun 26/12/21	119 days										
360	Prepare AIP (E&M works) and ICE certification (Draft)	32 days	0 days	32 days	0%	Mon 5/10/20	Thu 5/11/20	NA	NA	Mon 1/2/21	Thu 4/3/21	119 days 2 days										
361	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Fri 6/11/20	Wed 6/1/21	NA	NA	Fri 5/3/21	Wed 5/5/21	119 days 2 days	360									
362	Prepare AIP (E&M works) and ICE certification (Final)	32 days		32 days	0%	Thu 7/1/21	Sun 7/2/21	NA	NA	Thu 6/5/21	Sun 6/6/21	119 days 2 days										
363	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Mon 8/2/21	Sat 10/4/21		NA	Mon 7/6/21	Sat 7/8/21	119 days 2 days										
364	Prepare DDA (E&M works) and ICE certification (Draft)	32 days		32 days	0%	Wed 10/3/21		NA	NA	Wed 7/7/21	Sat 7/8/21	119 days 2 days	363FF									
365																						
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Sun 11/4/21		NA	NA	Sun 8/8/21	Fri 8/10/21	119 days 2 days										
366	Prepare DDA (E&M works) and ICE certification (Final)	17 days		17 days	0%	Sat 12/6/21	Mon 28/6/21		NA	Sat 9/10/21	Mon 25/10/21											
367	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	_	62 days	0%	Tue 29/6/21	Sun 29/8/21		NA	Tue 26/10/21	Sun 26/12/21	119 days 2 days	366							↑ 		
368	Roadworks other than at-grade Road D3 and Road L12d (Civil Works)	609 days	238.54 days	370.46 days	0%	Mon 2/9/19	Sun 2/5/21	Mon 2/9/19	NA	Mon 2/9/19	Sun 23/5/21	21 days										
369	AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Draft)	36 days	36 days	0 days	100%	Mon 2/9/19	Mon 7/10/19	Mon 2/9/19	Mon 7/10/19	9 Mon 2/9/19	Mon 7/10/19	0 days 0.5 days	S									
370	Submit & endorse by PM and Statutory Authorities/Gov. Dept	288 days	228 days	60 days	79%	Tue 8/10/19	Tue 21/7/20	Tue 8/10/19	NA	Tue 8/10/19	Tue 11/8/20	21 days 0.5 days	s 369									
371	AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Final)	75 days	0 days	75 days	0%	Wed 22/7/20	Sun 4/10/20	NA	NA	Wed 12/8/20	Sun 25/10/20	21 days 0.5 days	370,44FF+12									
372	DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d	95 days	0 days	95 days	0%	Sat 1/8/20	Tue 3/11/20	NA	NA	Sat 22/8/20	Tue 24/11/20	21 days 1 day	371FF+30 day	ys		_						
373	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 4/11/20	Sun 17/1/21	NA	NA	Wed 25/11/20	Sun 7/2/21	21 days 0.5 days	s 372									
374	DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d	30 days	0 days	30 days	0%	Mon 18/1/21	Tue 16/2/21	NA	NA	Mon 8/2/21	Tue 9/3/21	21 days 0.5 days	s 371,372,373									
375	(Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 17/2/21	Sun 2/5/21	NA	NA	Wed 10/3/21	Sun 23/5/21	21 days 0.5 days	s 374									
376	Roadworks - EVA to Sewerage and Saltwater Pumping Station (Civil Works)	413 days	68.26 days	344.74 days	0%	Wed 4/3/20	Tue 20/4/21	Wed 4/3/20	NA	Wed 4/3/20	Fri 17/2/23	668 days										
377	AIP for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Draft)		46 days	0 days	100%	Wed 4/3/20	Sat 18/4/20	Wed 4/3/20	Sat 18/4/20		Sat 18/4/20	0 days 0.5 days	\$									
378	Submit & endorse by PM and Statutory Authorities/Gov. Dept		-		40%	Sat 18/4/20			NA	Sat 18/4/20	Mon 23/5/22	684 days	377									
			33 days	49 days																		
379	AIP for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Final)	75 days	-	75 days	0%	Thu 9/7/20	Mon 21/9/20		NA	Tue 24/5/22	Sat 6/8/22	684 days 0.5 days										
380	DDA for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Draft)	95 days		95 days	0%	Mon 20/7/20	Thu 22/10/20		NA	Thu 19/5/22	Sun 21/8/22	668 days 1 day	379FF+15 day	ys								
381	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days		75 days	0%	Fri 23/10/20	Tue 5/1/21	NA	NA	Mon 22/8/22	Fri 4/11/22	668 days 0.5 days										
382	DDA for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Final)	30 days	0 days	30 days	0%	Wed 6/1/21	Thu 4/2/21	NA	NA	Sat 5/11/22	Sun 4/12/22	668 days 0.5 days	s 379,380,381									
383	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Fri 5/2/21	Tue 20/4/21	NA	NA	Mon 5/12/22	Fri 17/2/23	668 days 0.5 days	s 382							\uparrow		
384	Road Lighting of Road other than Road D3 (E&M)	356 days	0 days	356 days	0%	Fri 29/5/20	Wed 19/5/21	NA	NA	Tue 2/6/20	Sun 23/5/21	4 days		 								
385	Prepare AIP (E&M works) and ICE certification (Draft)	38 days	0 days	38 days	0%	Fri 29/5/20	Sun 5/7/20	NA	NA	Tue 2/6/20	Thu 9/7/20	4 days 2 days										
386	Submit & endorse by PM and Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Mon 6/7/20	Sun 20/9/20	NA	NA	Fri 10/7/20	Thu 24/9/20	4 days 2 days	385									
387	Prepare AIP (E&M works) and ICE certification (Final)	32 days	0 days	32 days	0%	Mon 21/9/20	Thu 22/10/20	NA	NA	Fri 25/9/20	Mon 26/10/20	4 days 2 days	386									
388	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Fri 23/10/20	Wed 23/12/20) NA	NA	Tue 27/10/20	Sun 27/12/20	4 days 2 days	387	$-\parallel\parallel\parallel$		H						
389	Prepare DDA (E&M works) and ICE certification (Draft)	32 days	0 days	32 days	0%	Sun 22/11/20	Wed 23/12/20) NA	NA	Thu 26/11/20	Sun 27/12/20	4 days 2 days	388FF	$-\parallel\parallel\parallel$								
390	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Thu 24/12/20	Tue 23/2/21	NA	NA	Mon 28/12/20	Sat 27/2/21	4 days 2 days	389	$-\parallel\parallel\parallel$								
391	Prepare DDA (E&M works) and ICE certification (Final)	23 days		23 days	0%	Wed 24/2/21	Thu 18/3/21		NA	Sun 28/2/21	Mon 22/3/21	4 days 2 days		$-\parallel\parallel\parallel$								
392	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days		62 days	0%	Fri 19/3/21	Wed 19/5/21		NA	Tue 23/3/21	Sun 23/5/21	4 days 2 days		$-\parallel\parallel\parallel$								
		322 days		322 days	0%	Thu 2/7/20	Wed 19/5/21			Mon 6/7/20	Sun 23/5/21		5/1									
393	Roadworks other than at-grade Road D3 and Road L12d (E&M Works)								NA			4 days										
394	Prepare AIP (E&M works) and ICE certification (Draft)	31 days		31 days	0%	Thu 2/7/20		NA	NA	Mon 6/7/20	Wed 5/8/20	4 days 1 day	20:									
395	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days		61 days	0%	Sun 2/8/20	Thu 1/10/20		NA	Thu 6/8/20	Mon 5/10/20	4 days 1 day	394									
396	Prepare AIP (E&M works) and ICE certification (Final)	31 days	0 days	31 days	0%	Fri 2/10/20	Sun 1/11/20	NA	NA	Tue 6/10/20	Thu 5/11/20	4 days 1 day	395									
397	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Mon 2/11/20	Fri 1/1/21	NA	NA	Fri 6/11/20	Tue 5/1/21	4 days 1 day	396									
398	Prepare DDA (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Wed 2/12/20	Fri 1/1/21	NA	NA	Sun 6/12/20	Tue 5/1/21	4 days 1 day	397FF									
399	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Sat 2/1/21	Wed 3/3/21	NA	NA	Wed 6/1/21	Sun 7/3/21	4 days 1 day	398									
:41- D -	1 Days with Days and Task	Summary	1		Inactive Mil	lestone \Diamond	1	Duration-or	ıly		Start-only	E	F	External Milesto	ne <	<u></u>	C	ritical Split	<u> </u>			Ш
itle: Rev.1 as of 22-N	1 Prog with Progress	Project Sun	nmary		Inactive Sur				mmary Rollup		Finish-only	3		Deadline	10 4			rogress				
	Milestone •	Inactive Ta	sk		Manual Tas	k 📗		Manual Sur	nmary		External Tas	sks		Critical			N	Ianual Prog	ress			

							Coni	tract No. ED,	/2018/01 K	ID Project											
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack	Predecessors		03 04	01 02	21 O3 O4		2022 Q3 Q	04 01	20: Q2
0	Prepare DDA (E&M works) and ICE certification (Final)	16 days		16 days	0%	Thu 4/3/21	Fri 19/3/21	NA	NA	Mon 8/3/21	Tue 23/3/21	4 days 1 day	399					Q1 Q2		24 Q1	
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Sat 20/3/21	Wed 19/5/21	NA	NA	Wed 24/3/21	Sun 23/5/21	4 days 1 day	400			*					
)2	DCS Seawater & Intake Box Culverts (approx 88m) (Section 2)	479 days	304.41 days	174.59 days	0%	Tue 13/8/19	Thu 3/12/20	Tue 13/8/19	NA	Tue 13/8/19	Tue 3/8/21	243 days									
13	Prepare AIP Subm with ICE certification (Draft)	165 days	165 days	0 days	100%	Tue 13/8/19	Fri 24/1/20	Tue 13/8/19	Fri 24/1/20	Tue 13/8/19	Fri 24/1/20	0 days 3 days		-							
14	Submit & endorse by PM	85 days	85 days	0 days	100%	Thu 23/1/20	Thu 16/4/20	Thu 23/1/20	Thu 16/4/20	Thu 23/1/20	Thu 16/4/20	0 days 1 day	403								
5	Submit & endorse by Statutory Authorities/Gov. Dept	90 days	90 days	0 days	100%	Fri 24/1/20	Mon 27/4/20	Fri 24/1/20	Mon 27/4/20	Fri 24/1/20	Mon 27/4/20	0 days 1 day	403								
16	Prepare AIP and ICE certification (Final)	0 days	0 days	0 days	100%	Thu 23/4/20	Mon 27/4/20	Thu 23/4/20	Mon 27/4/20) Thu 23/4/20	Mon 27/4/20	0 days 1 days	403,405,404	♦ 27/4							
7	Prepare DDA and ICE certification	80 days		80 days	0%	Sat 23/5/20	Mon 10/8/20		NA	Thu 21/1/21	Sat 10/4/21	243 days 5 days		7+11							
3	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Tue 11/8/20	Tue 29/9/20		NA	Sun 11/4/21	Sun 30/5/21	243 days 3 days									
)	Prepare DDA for and ICE certification (Final)	15 days		15 days	0%	Wed 30/9/20	Wed 14/10/20		NA	Mon 31/5/21	Mon 14/6/21	243 days 1 day	408		Ţ						
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Thu 15/10/20	Thu 3/12/20		NA	Tue 15/6/21	Tue 3/8/21	243 days 2 days	409								
l	Seawater & Intake Box Culverts Diversion	248 days	49.98 days	198.02 days	0%	Wed 1/4/20	Fri 4/12/20	Wed 1/4/20		Wed 1/4/20	Wed 6/10/21	306 days									
2	Prepare AIP Subm (Draft)	32 days	32 days	0 days	100%	Wed 1/4/20	Sat 2/5/20	Wed 1/4/20	Sat 2/5/20	Wed 1/4/20	Sat 2/5/20	0 days 3 days									
13	Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days	21 days	30 days	41%	Sat 2/5/20	Mon 22/6/20	Sat 2/5/20	NA	Sat 2/5/20	Tue 17/11/20	148 days 3 days	412		h 						
4	Prepare AIP and ICE certification (Final)	15 days	0 days	15 days	0%	Tue 23/6/20	Tue 7/7/20	NA	NA	Wed 18/11/20	Wed 2/12/20	148 days 1 days	412,413								
	Prepare DDA and ICE certification	50 days	0 days	50 days	0%	Tue 23/6/20	Tue 11/8/20	NA	NA	Sun 25/4/21	Sun 13/6/21	306 days 5 days	412SS,413F	7+5(
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Wed 12/8/20	Wed 30/9/20	NA	NA	Mon 14/6/21	Mon 2/8/21	306 days 3 days	415								
,	Prepare DDA for and ICE certification (Final)	15 days	0 days	15 days	0%	Thu 1/10/20	Thu 15/10/20	NA	NA	Tue 3/8/21	Tue 17/8/21	306 days 1 day	416								
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Fri 16/10/20	Fri 4/12/20	NA	NA	Wed 18/8/21	Wed 6/10/21	306 days 2 days	417								
	Rising Main (Sewerage Works)	402 days	134 days	268 days	0%	Thu 2/1/20	Sat 6/2/21	Thu 2/1/20	NA	Thu 2/1/20	Sun 7/3/21	29 days									
	Prepare AIP (Draft)	35 days	35 days	0 days	100%	Thu 2/1/20	Wed 5/2/20	Thu 2/1/20	Wed 5/2/20	Thu 2/1/20	Wed 5/2/20	0 days 3 days	4	-							
	Submit & endorse by PM		19 days	0 days	100%	Thu 6/2/20	Mon 24/2/20	Thu 6/2/20	Mon 24/2/20) Thu 6/2/20	Mon 24/2/20	0 days 1 day									
	Submit & endorse by PM and Statutory Authorities/Gov. Dept		56 days	0 days	100%	Thu 27/2/20	Fri 22/5/20	Thu 27/2/20			Fri 22/5/20	0 days 2 days	420								
	Prepare AIP and ICE certification (Final)	75 days		75 days	0%	Thu 2/7/20	Mon 14/9/20		NA NA	Fri 31/7/20	Tue 13/10/20	29 days 0 days	420,422,421	_['] #							
	Prepare DDA and ICE certification (Draft)	30 days		30 days	0%	Tue 15/9/20	Wed 14/10/20		NA	Wed 14/10/20	Thu 12/11/20		420SS,423								
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Thu 15/10/20	Thu 3/12/20		NA	Fri 13/11/20	Fri 1/1/21	29 days 3 days	424,420								
	Prepare DDA and ICE certification (Final)	15 days	0 days	15 days	0%	Fri 4/12/20	Fri 18/12/20	NA	NA	Sat 2/1/21	Sat 16/1/21	29 days 0 days	425								
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sat 19/12/20	Sat 6/2/21	NA	NA	Sun 17/1/21	Sun 7/3/21	29 days 3 days	426,423								
	Stormwater, Sewage, Salt Water and Fresh Water Works for Underpass and Depressed Road	641 days	151.9 days	489.1 days	0%	Fri 13/9/19	Mon 14/6/21	Fri 13/9/19	NA	Fri 13/9/19	Mon 28/6/21	14 days									
	Stormwater Drainage AIP for Underpass and Depressed Roads and ICE certification (Draft)	72 days	72 days	0 days	100%	Mon 2/12/19	Tue 11/2/20	Mon 2/12/19	Tue 11/2/20	Mon 2/12/19	Tue 11/2/20	0 days 1 day									
	Submit & endorse by PM	51 days	51 days	0 days	30%	Wed 12/2/20	Thu 2/4/20	Wed 12/2/20	Thu 2/4/20	Wed 12/2/20	Thu 2/4/20	0 days 0.5 day	rs 429								
	Submit & endorse by Statutory Authorities/Gov. Dept	139 days	64 days	75 days	46%	Fri 20/3/20	Wed 5/8/20	Fri 20/3/20	NA	Fri 20/3/20	Fri 30/10/20	86 days	429		,						
2	Prepare AIP and ICE certification (Final)	150 days	50 days	100 days	33%	Fri 3/4/20	Sun 30/8/20	Fri 3/4/20	NA	Fri 3/4/20	Sat 14/11/20	76 days	431FF+15 da	iys							
	Prepare DDA and ICE certification (Draft)	150 days	0 days	150 days	0%	Sat 23/5/20	Mon 19/10/20) NA	NA	Sat 18/7/20	Mon 14/12/20	56 days 1 day	429,432FF+	80 d							
1	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Tue 20/10/20	Sun 17/1/21	NA	NA	Tue 15/12/20	Sun 14/3/21	56 days 0.5 day	rs 433	$-\parallel \parallel \parallel$							
	Prepare DDA and ICE certification (Final)	31 days	0 days	31 days	0%	Mon 18/1/21	Wed 17/2/21	NA	NA	Mon 15/3/21	Wed 14/4/21	56 days 1 day	434	$-\parallel\parallel\parallel$							
5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Thu 18/2/21	Mon 3/5/21	NA	NA	Thu 15/4/21	Mon 28/6/21	56 days 5 days	435	$-\parallel \parallel \parallel$							
7			51 days	0 days	100%	Tue 8/10/19	Wed 27/11/19		Wed	Tue 8/10/19		0 days 1 day		_							
	certification (Draft) Submit & endorse by PM		26 days	0 days	100%	Thu 28/11/19			27/11/19 Mon 23/12/	Thu 28/11/19		0 days 0.5 day	s 437								
)	Submit & endorse by Statutory Authorities/Gov. Dept		14 days	0 days	100%	Wed 8/4/20	Fri 24/4/20	Wed 8/4/20		Wed 8/4/20	Fri 24/4/20	0 days 3 days									
	Prepare AIP for Underpass, Depressed Road and ICE certification (Final)		22 days	0 days	100%	Sat 25/4/20	Sat 16/5/20	Sat 25/4/20	Sat 16/5/20		Sat 16/5/20	0 days 0 days									
	Prepare DDA for Underpass, Depressed Road and ICE certification (Draft)	90 days		90 days	0%	Sun 17/5/20	Fri 14/8/20		NA	Fri 2/10/20		138 days 1 day	440								
2	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 15/8/20	Wed 28/10/20) NA	NA	Thu 31/12/20	Mon 15/3/21	138 days 0.5 day									
43	Prepare DDA for Underpass, Depressed Road and ICE certification (Final)	30 days	0 days	30 days	0%	Thu 29/10/20	Fri 27/11/20	NA	NA	Tue 16/3/21	Wed 14/4/21	138 days 0 days	442								
14	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 28/11/20	Wed 10/2/21	NA	NA	Thu 15/4/21	Mon 28/6/21	138 days 0 days	443								
lo. Port 1	Prograith Progress Task	ummary	1	<u> </u>	Inactive M	ilestone \diamondsuit	1	Duration-or	nly		Start-only	С	<u> </u>	External Milesto	ne 🔷	<u></u>	Critical Spli	lit			
e, kev. l	Prog with Progress	roject Sun	nmary		Inactive Su				mmary Rollup		Finish-only	3		Deadline	1		Progress				•

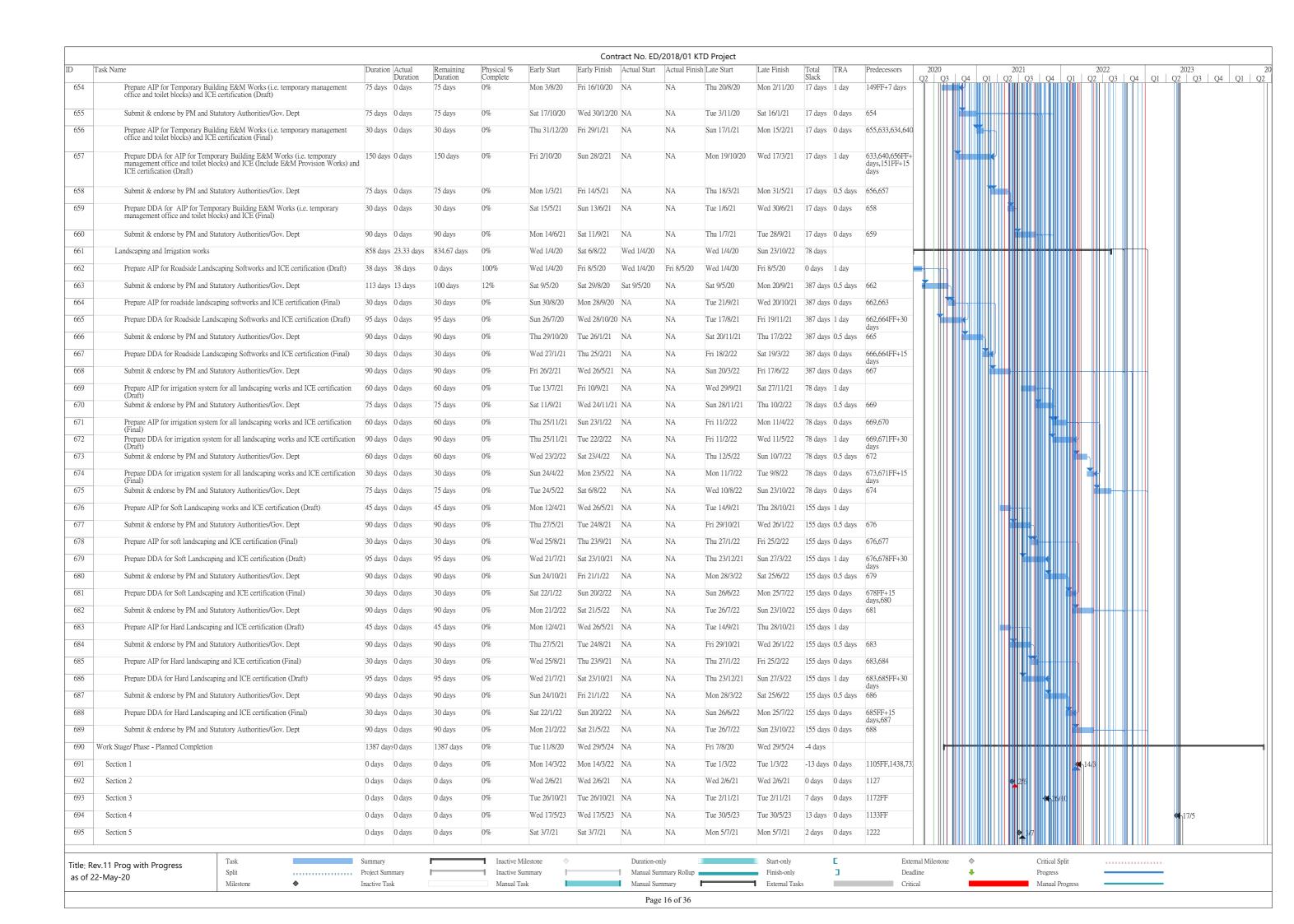




							Con	tract No. ED/	/2018/01 KT	D Project													
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finisl	Late Start	Late Finish	Total TRA Slack	Predecessors			01	2021 O2 O3	04	01 02	022	04 01	2023	
535	Prepare AIP for Salt Water Pumping Station E&M works and ICE certification	77 days		77 days	0%	Mon 17/8/20	Sun 1/11/20	NA	NA	Sun 13/9/20	Sat 28/11/20	27 days 2 days	534	Q2 	ψυ Q ₄	· QI	Q2 Q3	Q4 (Q1 Q2	Q3 0	V4 Q1	Q2 Q3	_Q
36	(Final) Prepare DDA for Salt Water Pumping Station E&M works and ICE certification	120 days	0 days	120 days	0%	Tue 4/8/20	Tue 1/12/20	NA	NA	Mon 31/8/20	Mon 28/12/20	27 days 1 day	534FF,535FF	+3(
37	(Draft) Submit to WSD for Plumbing and Irrigation Works for approval	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Tue 29/12/20	Tue 29/12/20	27 days 1 day	days,516 536		,	1/12							
38	Submit & endorse by PM and Statutory Authorities/Gov. Dept	91 days	0 days	91 days	0%	Wed 2/12/20	Tue 2/3/21	NA	NA	Tue 29/12/20	Mon 29/3/21	27 days 1 day	536,537			4							
39	Prepare DDA for Salt Water Pumping Station and ICE certification (Final)	31 days		31 days	0%	Wed 3/3/21	Fri 2/4/21	NA	NA	Tue 30/3/21	Thu 29/4/21	27 days 1 day	535FF+6										
40	Submit & endorse by PM and Statutory Authorities/Gov. Dept	91 days	-	91 days	0%	Sat 3/4/21	Fri 2/7/21	NA	NA	Fri 30/4/21	Thu 29/7/21	27 days 1 day	days,538 539										
													339										
541	AIP for Remaining Works of Salt Water & Sewerage Pumping and ICE certification (Draft)			0 days	0%	Mon 17/2/20	Sat 28/3/20			Mon 17/2/20	Sat 28/3/20	0 days 1 day	4										
542	Submit & endorse by PM	18 days	18 days	0 days	100%	Mon 30/3/20	Thu 16/4/20	Mon 30/3/20	Thu 16/4/20	Mon 30/3/20	Thu 16/4/20	0 days											
13	Submit & endorse by Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Mon 3/8/20	Sat 31/10/20	NA	NA	Sun 14/3/21	Fri 11/6/21	223 days 0.5 day	s 541,542										
14	AIP for Remaining Works of Salt Water Pumping & Sewage and ICE certification (Final)	90 days	0 days	90 days	0%	Sun 1/11/20	Fri 29/1/21	NA	NA	Sat 12/6/21	Thu 9/9/21	223 days 3 days	543										
45	DDA for Remaining Works of Salt Water & Sewage Pumping and ICE certification (Draft)	n 90 days	0 days	90 days	0%	Sun 6/12/20	Fri 5/3/21	NA	NA	Sat 17/7/21	Thu 14/10/21	223 days 1 day	541,544FF+3 days	5									
16	Submit & endorse by PM and Statutory Authorities/Gov. Dept	93 days	0 days	93 days	0%	Sat 6/3/21	Sun 6/6/21	NA	NA	Fri 15/10/21	Sat 15/1/22	223 days 3 days											
17	DDA for Remaining Works of Salt Water & Sewage Pumping and ICE certification	on 35 days	0 days	35 days	0%	Mon 7/6/21	Sun 11/7/21	NA	NA	Sun 16/1/22	Sat 19/2/22	223 days 3 days	546,544FF+1	2			Tr-						
48	(Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Mon 12/7/21	Fri 24/9/21	NA	NA	Sun 20/2/22	Thu 5/5/22	223 days 2 days	days 547								 		
49	AIP for Architectural works of Salt Water & Sewage Pumping and ICE certification	on 45 days	0 days	45 days	0%	Mon 5/4/21	Wed 19/5/21	NA	NA	Mon 3/5/21	Wed 16/6/21	28 days 1 day	4	$-\parallel \parallel \parallel$,						
50	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days		60 days	0%	Thu 20/5/21	Sun 18/7/21		NA	Thu 17/6/21	Sun 15/8/21	28 days 0.5 day	rs 549										
51	AIP for Architectural works of Salt Water Pumping & Sewage and ICE certification (Final)			62 days	0%	Mon 19/7/21	Sat 18/9/21		NA	Mon 16/8/21	Sat 16/10/21	28 days 2 days											
52	DDA for Architectural works of Salt Water & Sewage Pumping and ICE certification (Draft)	60 days		60 days	0%	Fri 20/8/21	Mon 18/10/21		NA	Fri 17/9/21		28 days 1 day	549,551FF+3 days	0									
53	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Tue 19/10/21	Fri 17/12/21	NA	NA	Tue 16/11/21	Fri 14/1/22	28 days 0.5 day	s 552										
54	DDA for Architectural works of Salt Water & Sewage Pumping and ICE certification (Final)	36 days	0 days	36 days	0%	Sat 18/12/21	Sat 22/1/22	NA	NA	Sat 15/1/22	Sat 19/2/22	28 days 2 days	551FF+12 days,553										
55	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Sun 23/1/22	Fri 25/3/22	NA	NA	Sun 20/2/22	Fri 22/4/22	28 days 2 days	554							++			
56	AIP for Landscaping works of Salt Water & Sewage Pumping and ICE certificatio (Draft)	n 45 days	0 days	45 days	0%	Mon 5/4/21	Wed 19/5/21	NA	NA	Sun 2/5/21	Tue 15/6/21	27 days 1 day	4			 							
57	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Thu 20/5/21	Mon 19/7/21	NA	NA	Wed 16/6/21	Sun 15/8/21	27 days 0.5 day	s 556										
58	AIP for Landscaping works of Salt Water Pumping & Sewage and ICE certification	n 62 days	0 days	62 days	0%	Tue 20/7/21	Sun 19/9/21	NA	NA	Mon 16/8/21	Sat 16/10/21	27 days 2 days	556,557										
59	(Final) DDA for Landscaping works of Salt Water & Sewage Pumping and ICE	62 days	0 days	62 days	0%	Thu 19/8/21	Tue 19/10/21	NA	NA	Wed 15/9/21	Mon 15/11/21	27 days 2 days	556,558FF+3				Ш						
60	certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	-	61 days	0%	Wed 20/10/21			NA	Tue 16/11/21	Sat 15/1/22	27 days 0.5 day	days										
61	DDA for Landscaping works of Salt Water & Sewage Pumping and ICE	35 days		35 days	0%		Sun 23/1/22		NA	Sun 16/1/22	Sat 19/2/22	27 days 2 days											
	certification (Final)												days,560										
562	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days		61 days	0%	Mon 24/1/22			NA	Sun 20/2/22	Thu 21/4/22	27 days 2 days	561										
53	AIP for Seawater Intake and Box Culvert Structures for Pumping Station (approx. 160m) (Section 6) Submission (Draft)	58 days	58 days	0 days	100%	Tue 10/12/19	Wed 5/2/20	Tue 10/12/19	Wed 5/2/20	Tue 10/12/19	Wed 5/2/20	0 days 1 day											
54	Submit & endorse by PM	25 days	25 days	0 days	33%	Wed 5/2/20	Thu 5/3/20	Wed 5/2/20	Thu 5/3/20	Wed 5/2/20	Thu 5/3/20	0 days 0.5 day	s 563										
65	Submit & endorse by Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sat 23/5/20	Sat 11/7/20	NA	NA	Sun 28/3/21	Sun 16/5/21	309 days 0.5 day	rs 563										
56	AIP for Seawater Intake and Box Culvert Structure (Final)	21 days	0 days	21 days	0%	Sun 12/7/20	Sat 1/8/20	NA	NA	Mon 17/5/21	Sun 6/6/21	309 days 0.5 day	s 563,565,564										
67	DDA for Seawater Intake and Box Culvert Structure (Draft)	15 days		15 days	0%	Sat 25/7/20		NA	NA	Sun 30/5/21	Sun 13/6/21	309 days 1 day	563,565,564,	566									
58	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Sun 9/8/20	Sun 27/9/20		NA	Mon 14/6/21	Mon 2/8/21	309 days 0.5 day											
59	DDA for Seawater Intake and Box Culvert Structure (Final)	15 days		15 days	0%	Mon 28/9/20	Mon 12/10/20		NA	Tue 3/8/21	Tue 17/8/21	309 days 1 day	567,568,566F	r+									
70	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Tue 13/10/20	Tue 1/12/20		NA	Wed 18/8/21	Wed 6/10/21	309 days 0.5 day	s 569										
71	Elevated Landscape Deck Staircase & Associated Work	714 days	268.49 days	445.51 days	0%	Thu 30/5/19	Wed 12/5/21	Thu 30/5/19	NA	Thu 30/5/19	Mon 5/7/21	54 days											
72	Elevated Landscape Deck Superstructure AIP and ICE certification (Draft)	96 days	96 days	0 days	100%	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	0 days 3 days	4										
73	Submit & endorse by PM	15 days	15 days	0 days	100%	Tue 3/9/19	Tue 17/9/19	Tue 3/9/19	Tue 17/9/19	Tue 3/9/19	Tue 17/9/19	0 days 1 days	572										
74	Submit & endorse by Statutory Authorities/Gov. Dept	162 days	s 162 days	0 days	0%	Tue 24/9/19	Tue 3/3/20	Tue 24/9/19	Tue 3/3/20	Tue 24/9/19	Tue 3/3/20	0 days 0.5 day	rs 573										
75	Prepare AIP and ICE certification (Final)	255 days	s 155 days	100 days	61%	Wed 20/11/19	Fri 31/7/20	Wed 20/11/19) NA	Wed 20/11/19	Thu 26/11/20	118 days 0.5 day	s 44FF+12 day	s =									
76	Prepare DDA and ICE certification (Draft)	75 days		75 days	0%	Fri 12/6/20	Sun 30/8/20		NA	Thu 8/10/20	Sat 26/12/20	118 days 1 day	574FF+30 da										
77	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	0%	Mon 31/8/20	Mon 19/10/20		NA	Sun 27/12/20	Sun 14/2/21	118 days 0.5 day											
			-																				
578	Prepare DDA for and ICE certification (Final)	22 days	o days	22 days	0%	Tue 20/10/20	1 ue 10/11/20	NA	NA	Mon 15/2/21	Mon 8/3/21	118 days 1 day	577										
	Page with Page 1	Summary			Inactive M	ilectore		Duration-or	alv "		Start-only	г		External Miles	one	♦		Critical Split	t				
	Prog with Progress Split	Project Sun	nmary		Inactive M Inactive St				nmary Rollup		Start-only Finish-only]		external Miles Deadline	OHE	♣		Progress	ı				
s of 22-M	ay-20 Milestone ◆	Inactive Ta			Manual Ta			Manual Sur			External Tasl			Critical				Manual Prog	oress				

							Cont	ract No. ED/	/2018/01 KT	D Project												
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % I Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total TRA Slack	Predecessors	2020	04 01	2021	104 (01 01	2022	04 01	2023 Q2 Q3	
579	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days	-	Wed 11/11/20	Wed 30/12/20	NA	NA	Tue 9/3/21	Tue 27/4/21	118 days 1 day	578	Q2 Q3	Q4 Q1	Q2 Q3		21 Q2	Q3 	Q4 Q1	Q2 Q3	Q4
580	Elevated Landscape Deck - Lift (LT1<2)& Staircase include E&M Progvision: AIP and ICE Certification (Draft)	50 days	50 days	0 days	100%	Mon 7/10/19	Mon 25/11/19	Mon 7/10/19	Mon 25/11/19	Mon 7/10/19	Mon 25/11/19	0 days 3 days	44FF+12 days									
581	Submit & endorse by PM	21 days	21 days	0 days	100%	Γue 26/11/19	Mon 16/12/19	Tue 26/11/19		. Tue 26/11/19	Mon 16/12/19	0 days 1 days	580									
582	Submit & endorse by Statutory Authorities/Gov. Dept	120 days	85 days	35 days	71%	Fri 28/2/20	Fri 26/6/20	Fri 28/2/20	NA	Fri 28/2/20	Thu 13/8/20	48 days 1 days	580									
583	Prepare AIP and ICE certification (Final)	60 days	0 days	60 days	0%	Sat 27/6/20	Tue 25/8/20	NA	NA	Fri 14/8/20	Mon 12/10/20	48 days 0 days	580,581,582,44F									
584	Prepare DDA and ICE certification (Draft)	60 days	0 days	60 days	0%	Γue 11/8/20	Wed 14/10/20	NA	NA	Mon 28/9/20	Tue 1/12/20	48 days 1 day	580,583FF+50 d									
585	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Γhu 15/10/20	Tue 12/1/21	NA	NA	Wed 2/12/20	Mon 1/3/21	48 days 0.5 day	rs 584									
586	Prepare DDA for and ICE certification (Final)	30 days	0 days	30 days	0%	Wed 13/1/21	Thu 11/2/21	NA	NA	Tue 2/3/21	Wed 31/3/21	48 days 0.5 day	s 585,583FF+12 d		Mary Mary							
587	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Fri 12/2/21	Wed 12/5/21	NA	NA	Thu 1/4/21	Tue 29/6/21	48 days 2 days	586									
588	Elevated Landscape Deck - Open Space AIP Subm (Draft)	50 days	50 days	0 days	100%	Mon 10/2/20	Mon 30/3/20	Mon 10/2/20	Mon 30/3/20	Mon 10/2/20	Mon 30/3/20	0 days 3 days										
589	Submit & endorse by PM	21 days	21 days	0 days	100%	Mon 30/3/20	Mon 20/4/20	Mon 30/3/20	Mon 20/4/20	Mon 30/3/20	Mon 20/4/20	0 days 0.5 day	vs 588									
590	Submit & endorse by Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 6/7/20	Mon 24/8/20	NA	NA	Mon 28/9/20	Mon 16/11/20	84 days 1 days	588									
591	Prepare AIP and ICE certification (Final)	30 days	0 days	30 days	0%	Γue 25/8/20	Wed 23/9/20	NA	NA	Tue 17/11/20	Wed 16/12/20	84 days 2 days	588,590,44FF+1	1								
592	Prepare DDA and ICE certification (Draft)	75 days	0 days	75 days	0%	Γhu 24/9/20	Sat 12/12/20	NA	NA	Thu 17/12/20	Sat 6/3/21	84 days 1 day	590SS,591									
593	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sun 13/12/20	Sun 31/1/21	NA	NA	Sun 7/3/21	Sun 25/4/21	84 days 0.5 day	rs 592									
594	Prepare DDA for and ICE certification (Final)	21 days	0 days	21 days	0%	Mon 1/2/21	Sun 21/2/21	NA	NA	Mon 26/4/21	Sun 16/5/21	84 days 0 days	593,591FF+6 da									
595	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days		Mon 22/2/21	Mon 12/4/21		NA	Mon 17/5/21	Mon 5/7/21	84 days 0 days										
596	EVA for Open Space AIP Subm (Draft)	71 days		0 days		Mon 10/2/20		Mon 10/2/20		Mon 10/2/20	Mon 20/4/20	0 days 3 days										
597	Submit & endorse by PM	2 days		0 days		Γue 21/4/20			Mon 27/4/20		Mon 27/4/20	0 days 1 day	596									
598	Submit & endorse by Statutory Authorities/Gov. Dept	50 days		50 days		Mon 6/7/20	Mon 24/8/20		NA	Sun 4/10/20		90 days 1 days										
599	Prepare AIP and ICE certification (Final)	30 days		30 days		Γue 25/8/20	Wed 23/9/20		NA	Mon 23/11/20		90 days 2 days										
600	Prepare DDA and ICE certification (Draft)	60 days		60 days		Γhu 24/9/20	Fri 27/11/20		NA	Wed 23/12/20	Thu 25/2/21	90 days 1 day	598SS,599									
601	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days		50 days		Sat 28/11/20	Sat 16/1/21	NA	NA	Fri 26/2/21	Fri 16/4/21	90 days 0.5 day										
602	Prepare DDA for and ICE certification (Final)					Sun 17/1/21	Mon 15/2/21		NA	Sat 17/4/21	Sun 16/5/21											
603	Submit & endorse by PM and Statutory Authorities/Gov. Dept	30 days		30 days 50 days		Tue 16/2/21	Tue 6/4/21	NA		Mon 17/5/21	Mon 5/7/21	90 days 0 days										
604	<u> </u>	50 days							NA			90 days 0 days	602									
605	Waterfront Promenade and At-grade Open Space Prepare AIP for Observation Deck with Lift (LT5) and Staircase and ICE (Include		5.98 days	527.02 days		Wed 1/4/20	Wed 15/9/21		NA E: 24/4/20	Wed 1/4/20	Tue 28/9/21	13 days										
003	E&M Provision Works) certification (Draft)	24 days	24 days	0 days	100%	Wed 1/4/20	Fri 24/4/20	Wed 1/4/20	FTI 24/4/20	Wed 1/4/20	Fri 24/4/20	0 days 1 day										
606	Submit & endorse by PM and Statutory Authorities/Gov. Dept	14 days	14 days	0 days	0%	Fri 24/4/20	Fri 8/5/20	Fri 24/4/20	Fri 8/5/20	Fri 24/4/20	Fri 8/5/20	0 days 1 day	605									
607	Prepare AIP for Observation Deck with Lift (LT5) and Staircase and ICE (Include	31 days	0 days	31 days	0%	Wed 16/9/20	Fri 16/10/20	NA	NA	Thu 22/10/20	Sat 21/11/20	36 days 1 day	605,606,647FF,6									
	E&M Provision Works) certification (Final)																					
608	Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&N Provision Works) certification (Draft)			100 days		Sat 17/10/20	Sun 24/1/21		NA	Sun 22/11/20	Mon 1/3/21	36 days 1 day	605,647,654,607									
609	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days		Mon 25/1/21		NA	NA	Tue 2/3/21	Sun 30/5/21	36 days 0.5 day	rs 608,607									
610	Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&N Provision Works) certification (Final)	M 31 days	0 days	31 days	0%	Sun 25/4/21	Tue 25/5/21	NA	NA	Mon 31/5/21	Wed 30/6/21	36 days 1 day	609									
611	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Wed 26/5/21	Mon 23/8/21	NA	NA	Thu 1/7/21	Tue 28/9/21	36 days 2 days	610									
612	Prepare AIP for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Draft)	51 days	0 days	51 days	0%	Mon 14/9/20	Tue 3/11/20	NA	NA	Sun 27/9/20	Mon 16/11/20	13 days 2 days										
613	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 4/11/20	Sun 17/1/21	NA	NA	Tue 17/11/20	Sat 30/1/21	13 days 0.5 day	rs 612									
614	Prepare AIP for Remaining Works at Waterfront Promenade and ICE (Include	60 days		60 days			Thu 18/3/21		NA	Sun 31/1/21	Wed 31/3/21	13 days 2 days										
	E&M Provision Works) certification (Final)	o o outjo	, 11,0	<u></u>		10/1/21	10,0,01			2 41 41 21			,010									
615	Prepare DDA for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Draft)	75 days	0 days	75 days	0%	Γue 2/2/21	Sat 17/4/21	NA	NA	Mon 15/2/21	Fri 30/4/21	13 days 1 day	612,614FF+30 days									
616	<u> </u>	60 de	O deve	60 days	06/-	Cun 10///01	Wad 16/6/01	NΑ	NA	Cot 1/5/01	Tuo 20/6/21	12 deve 1 J	615									
616	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days		60 days		Sun 18/4/21	Wed 16/6/21		NA	Sat 1/5/21	Tue 29/6/21	13 days 1 day	615									
617	Prepare DDA for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Final)	31 days	U days	31 days	0%	Гhu 17/6/21	Sat 17/7/21	NA	NA	Wed 30/6/21	Fri 30/7/21	13 days 1 day	616,614FF+15 days									
618	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sun 18/7/21	Wed 15/9/21	NA	NA	Sat 31/7/21	Tue 28/9/21	13 days 1 day	617									
619	AIP for Cladding Design of Landscape Deck, Lifts and associated Works (Draft)	31 days	0 days	31 days	0%	Mon 20/7/20	Wed 19/8/20	NA	NA	Fri 21/8/20	Sun 20/9/20	32 days 1 day										
	1 Doggovijski Dogg	Summary			Inactive Miles	stone.		Duration-on	ılv "		Start-only	Г	Evterns	l Milestone	*		Critical Split					
itle: Rev.1" is of 22-M	1 Prog with Progress	Project Sum	ımary		Inactive Sumr				nmary Rollup		Finish-only]	Deadlir		•		Progress					
3 UI ZZ-IVI	Milestone •	Inactive Tas	sk		Manual Task	1		Manual Sur	nmary I		External Task	cs	Critical				Manual Progr	gress				

							Cont	ract No. ED,	/2018/01 K	TD Project									
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack	Predecessors	2020	04 05	2021	04 0:	2022	
20	Submit & endorse by PM and Statutory Authorities/Gov. Dept	63 days		63 days	0%	Thu 20/8/20	Wed 21/10/20	NA	NA	Mon 21/9/20	Sun 22/11/20	32 days 3 day	s 619	Q2 Q3	Q4 Q1	Q2 Q3	Q4 Q1	Q2 Q	23 Q4
21	AIP for Cladding Design of Landscape Deck, Lifts and associated Works (Final)	52 days	0 days	52 days	0%	Thu 22/10/20	Sat 12/12/20	NA	NA	Mon 23/11/20	Wed 13/1/21	32 days 2 day	s 619,620	-	+				
22	DDA for Cladding Design of Landscape Deck, Lifts and associated Works (Draft)	61 days	0 days	61 days	0%	Thu 12/11/20	Mon 11/1/21	NA	NA	Mon 14/12/20	Fri 12/2/21	32 days 1 day	619,621FF+30	-				1 11 11	
23	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days		60 days	0%	Tue 12/1/21	Fri 12/3/21		NA	Sat 13/2/21	Tue 13/4/21	32 days 1 day	days	_	l l				
24																		1 11 11	
	DDA for Cladding Design of Landscape Deck, Lifts and associated Works (Final)	21 days		21 days	0%	Sat 13/3/21		NA	NA	Wed 14/4/21	Tue 4/5/21	32 days 1 day						1 11 11	
5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Sat 3/4/21		NA	NA	Wed 5/5/21	Mon 5/7/21	32 days 2 day	s 624					1 11 11	
16	AIP for Balustrade and Railing of Promenade, Open Space and Assocated Works (Draft)	30 days	0 days	30 days	0%	Sat 1/8/20	Sun 30/8/20	NA	NA	Tue 29/9/20	Wed 28/10/20	59 days 1 day						1 11 11	
:7	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Mon 31/8/20	Thu 29/10/20	NA	NA	Thu 29/10/20	Sun 27/12/20	59 days 1 day	626		- ·				
8	AIP for Balustrade and Railing of Promenade, Open Space and Assocated Works (Final)	25 days	0 days	25 days	0%	Fri 30/10/20	Mon 23/11/20	NA	NA	Mon 28/12/20	Thu 21/1/21	59 days 0.5 da	ays 626,627					,	
9	DDA for Balustrade and Railing of Promenade, Open Space and Assocated Works	50 days	0 days	50 days	0%	Wed 4/11/20	Wed 23/12/20	NA	NA	Sat 2/1/21	Sat 20/2/21	59 days 1 day	626,628FF+30					,	
0	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Thu 24/12/20	Sun 21/2/21	NA	NA	Sun 21/2/21	Wed 21/4/21	59 days 0 day	s 629	-					
1	DDA for Balustrade and Railing of Promenade, Open Space and Assocated Works	15 days	0 days	15 days	0%	Mon 22/2/21	Mon 8/3/21	NA	NA	Thu 22/4/21	Thu 6/5/21	59 days 1 day	628,629,630	-	│			,	
2	(Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days		60 days	0%	Tue 9/3/21	Fri 7/5/21	NA	NA	Fri 7/5/21	Mon 5/7/21	59 days 0 day		_					
3	Prepare AIP for Permanent Building Works (i.e. Ampitheater, Observation Tower,				0%	Wed 29/7/20	Sat 26/9/20		NA	Thu 20/8/20				-					
	Prepare AIP for Permanent Building Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft)	oo days	o days	60 days	U 70	weu 29/1/20	Sat 20/9/20	INA	INA	1110 20/8/20	Sun 18/10/20	22 days 1 day	147FF+ / QAYS						
4	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sun 27/9/20	Wed 25/11/20	NA	NA	Tue 3/11/20	Fri 1/1/21	37 days 0.5 da	ays 633						
	Prepare AIP for Permanent Building Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House	30 days	0 days	30 days	0%	Thu 26/11/20	Fri 25/12/20	NA	NA	Sat 2/1/21	Sun 31/1/21	37 days 0 day	s 633,634						
	Building Blocks) and ICE certification (Final)																		
	Prepare DDA for Permanent Building Works (i.e. Ampitheater, Observation Tower Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft)	, 100 days	0 days	100 days	0%	Fri 2/10/20	Sat 9/1/21	NA	NA	Sun 8/11/20	Mon 15/2/21	37 days 1 day	633,635FF+15 days,151FF+15 days						
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sun 10/1/21	Thu 25/3/21	NA	NA	Tue 16/2/21	Sat 1/5/21	37 days 0.5 da	ays 635,636	_					
					0%				NA									,	
	Prepare DDA for Permanent Building Works (i.e. Ampitheater, Observation Tower Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) nd ICE certification (Final)	, 30 days	0 days	30 days	0%	Fri 26/3/21	Sat 24/4/21	NA .	INA	Sun 2/5/21	Mon 31/5/21	37 days 0 day	s 037						
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sun 25/4/21	Thu 8/7/21	NA	NA	Tue 1/6/21	Sat 14/8/21	37 days 0.5 da	ays 635,636,638			*			
	Prepare AIP for Permanent Building E&M Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft)	75 days	0 days	75 days	0%	Tue 14/7/20	Sat 26/9/20	NA	NA	Wed 5/8/20	Sun 18/10/20	22 days 1 day	149FF+7 days						
[Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sun 27/9/20	Wed 25/11/20	NA	NA	Mon 19/10/20	Thu 17/12/20	22 days 0.5 da	ays 640	-	— —			,	
2	Prepare AIP for Permanent Building E&M Works (i.e. Observation Tower, Toilet			30 days	0%	Thu 26/11/20	Fri 25/12/20		NA	Fri 18/12/20	Sat 16/1/21	22 days 0 day		_					
	Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Final)		o days	30 days	0.6	1114 20/11/20	111 231 121 20	1721	141	111 10/12/20	Sat 10/1/21	22 days o day	5 0,011						
3	Prepare DDA for Permanent Building E&M Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of	120 days	0 days	120 days	0%	Sun 27/9/20	Sun 24/1/21	NA	NA	Mon 19/10/20	Mon 15/2/21	22 days 1 day	640,642FF+30 days,151FF+15		*	,		,	
	House Building Blocks) and ICE (Include E&M Provision Works) certification (Draft)												days						
4	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Mon 25/1/21	Thu 25/3/21	NA	NA	Tue 16/2/21	Fri 16/4/21	22 days 0.5 da	ays 642,643					,	
5	Prepare DDA for Permanent Building E&M Works (i.e. Ampitheater, Observation	30 days	0 days	30 days	0%	Fri 26/3/21	Sat 24/4/21	NA	NA	Sat 17/4/21	Sun 16/5/21	22 days 0 day	s 644	-		Y .			
	Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) nd ICE certification (Final)																	,	
	Cubarit Complements DM and Contrate and Authorities (Complement	00 1	0.1	00 1	001	C 25/4/21	E.: 02/7/01	NIA	NIA	M 17/5/01	C-+ 14/0/01	22 Jan 0.5 J	642.642.645					,	
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Sun 25/4/21	Fri 23/7/21		NA	Mon 17/5/21	Sat 14/8/21		ays 642,643,645	_					
	Prepare AIP for Temporary Building Works (i.e. temporary management office and toilet blocks) and ICE certification (Draft)	75 days	0 days	75 days	0%	Mon 3/8/20	Fri 16/10/20	NA	NA	Thu 20/8/20	Mon 2/11/20	17 days 1 day	149FF+7 days						
	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 17/10/20	Wed 30/12/20	NA	NA	Tue 3/11/20	Sat 16/1/21	17 days 0 day	s 647	$+\parallel \parallel \parallel \parallel \parallel$					
9	Prepare AIP for Temporary Building Works (i.e. temporary management office and			30 days	0%		Fri 29/1/21		NA	Sun 17/1/21	Mon 15/2/21	17 days 0 day			4				
)	toilet blocks) and ICE certification (Final)																		
,	Prepare DDA for AIP for Temporary Building Works (i.e. temporary management office and toilet blocks) and ICE (Include E&M Provision Works) and ICE certification (Draft)	130 days	o uays	150 days	0%	Fri 2/10/20	Sun 28/2/21	INA	NA	Mon 19/10/20	wed 1//3/21	17 days 1 day	633,640,649FF- days,151FF+15 days						
I	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Mon 1/3/21	Fri 14/5/21	NA	NA	Thu 18/3/21	Mon 31/5/21	17 days 0.5 da	ays 649,650						
52	Prepare DDA for AIP for Temporary Building Works (i.e. temporary management	30 days	0 days	30 days	0%	Sat 15/5/21	Sun 13/6/21	NA	NA	Tue 1/6/21	Wed 30/6/21	17 days 0 day	s 651						
i3	office and toilet blocks) and ICE (Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	00 days	0 days	90 days	0%	Mon 14/6/21	Sat 11/9/21	NΔ	NA	Thu 1/7/21	Tue 28/9/21	17 days 0 day	s 652			9			
.,	The state of the s	70 uays	o uays	70 days	0 /6	141011 14/0/21	Dat 11/7/21	17/1	1 1/2 1	111u 1/1/21	1 UC 2017/21	17 days U day	0.002						
e: Rev.11	Prog with Progress	Summary			Inactive N			Duration-or	•		Start-only	Е		ternal Milestone	\$		ritical Split		
	ay-20 Split	Project Sur	nmary		Inactive S	ummary		Manual Sur	mmary Rollup		Finish-only	3	Dea	adline	4	P	rogress	_	



								ract No. ED/														 			
Та	sk Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 O2 O	3 Q4	01	2021 Q2 Q2	3 04	4 01	202 Q2	04 0	202 Q1 Q2		. 01
96	Section 6	0 days	0 days	0 days	0%	Thu 18/5/23	Thu 18/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	12 days	0 days	1357FF,1546FF,								Ì	18	/5	
597	Section 7	0 days	0 days	0 days	0%	Wed 29/5/24	Wed 29/5/24	NA	NA	Wed 29/5/24	Wed 29/5/24	0 days	0 days	1549FF											
98	Section 8	0 days	0 days	0 days	0%	Wed 24/11/21	Wed 24/11/21	NA	NA	Thu 2/12/21	Thu 2/12/21	8 days	0 days	1144FF					4	4 -24/11					
599	Section 9	0 days	0 days	0 days	0%	Sat 3/7/21	Sat 3/7/21	NA	NA	Mon 5/7/21	Mon 5/7/21	2 days	0 days	1222				⊕ 3/	7						
700	Section 10	0 days	0 days	0 days	0%	Thu 11/5/23	Thu 11/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	19 days	0 days	1559FF									4 11	/5	
701	KD1	0 days	0 days	0 days	0%	Tue 11/8/20	Tue 11/8/20	NA	NA	Fri 7/8/20	Fri 7/8/20	-4 days	0 days	758		11/8									
702	KD2		0 days	0 days	0%	Sat 17/4/21	Sat 17/4/21	NA	NA	Sun 18/4/21	Sun 18/4/21		0 days	791,821,771,774				177/4							
703	KD3		0 days	0 days	0%	Mon 26/4/21	Mon 26/4/21		NA	Tue 1/6/21	Tue 1/6/21	36 days		822,821			11111	1							
704	KD4		-				Fri 28/1/22			Mon 31/1/22				1255FF				<u>~</u> 20019							
			0 days	0 days	0%	Fri 28/1/22			NA		Mon 31/1/22	3 days								177.4	71				
705	KD5		0 days	0 days	0%	Fri 25/6/21		NA	NA	Fri 17/9/21	Fri 17/9/21	84 days		1252FF				40 123	6						
706	KD6	0 days	0 days	0 days	0%	Tue 21/12/21	Tue 21/12/21	NA	NA	Wed 29/12/21	Wed 29/12/21	8 days	0 days	883						21/13	<u> </u>				
07	KD7	0 days	0 days	0 days	0%	Thu 19/8/21	Thu 19/8/21	NA	NA	Fri 3/6/22	Fri 3/6/22	288 days	0 days	1254FF				•	19/8						
08 C	onstruction Works	1499 day	s 75.67 days	1423.33 days?	0%	Thu 16/5/19	Wed 29/5/24	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	0 days?			1 111			-							
09	Procurement of Materials and Equipments	615 days	12.7 days	602.3 days	0%	Thu 8/8/19	Wed 1/9/21	Thu 8/8/19	NA	Thu 8/8/19	Tue 22/2/22	140 days	3		+ + + + + + + + + + + + + + + + + + + +			-	1						
10	Office Accommodation	21 days	21 days	0 days	100%	Thu 8/8/19	Fri 20/12/19	Thu 8/8/19	Fri 20/12/19	Thu 8/8/19	Fri 20/12/19	0 days	1 day												
711	Lift Submission Preparation	15 days	0 days	15 days	0%	Sat 12/9/20	Sat 26/9/20	NA	NA	Wed 23/9/20	Wed 7/10/20	11 days	0.5 days	173											
12	Lift Comment & Approval	21 days	0 days	21 days	0%	Sun 27/9/20	Sat 17/10/20	NA	NA	Thu 8/10/20	Wed 28/10/20	11 days	0.5 days	711											
713	Lifts ((5 nos)	180 days		180 days	0%	Sun 18/10/20	Thu 15/4/21	NA	NA	Thu 29/10/20	Mon 26/4/21		30 days												
714	Pumps for Pump Room next to Underpass	150 days		150 days	0%	Sat 23/5/20	Thu 19/11/20		NA	Wed 8/7/20	Tue 5/1/21	37 days		112											
15	Elevated landscape deck soffit panels	120 days		120 days	0%	Mon 14/9/20		NA	NA	Thu 4/2/21	Mon 5/7/21	117 days													
16	Underpass & Depressed Rd - facades	120 days	0 days	120 days	0%	Tue 1/12/20	Thu 29/4/21	NA	NA	Wed 12/5/21	Mon 4/10/21	129 days	30 days												
17	E & M equipment & fittings (for Open space & Promenade)	120 days	0 days	120 days	0%	Tue 6/4/21	Fri 27/8/21	NA	NA	Mon 27/9/21	Tue 22/2/22	144 days	30 days												
18	Bridge Parapet Fabrication	120 days	0 days	120 days	0%	Mon 16/11/20	Mon 15/3/21	NA	NA	Wed 26/5/21	Wed 22/9/21	191 days	30 days												
19	Pumps for Salt and Sewage Pumping Stations	150 days	0 days	150 days	0%	Mon 5/4/21	Wed 1/9/21	NA	NA	Sun 19/9/21	Tue 15/2/22	167 days	30 days												
20	Excavation Permit	300 days	0 days	300 days	0%	Mon 31/8/20	Thu 2/9/21	NA	NA	Mon 23/11/20	Tue 1/3/22	69 days							1						
21	TTA Application for Junction Modification Rd L6 & D2	182 days	0 days	182 days	0%	Tue 1/9/20	Mon 1/3/21	NA	NA	Mon 23/11/20	Sun 23/5/21	83 days	2 days					_							
22	Interfaced DCS 3 x DN150mm chilled water pipes under contract no. 2852EM17A and 4 nos. of signaling cable along North Approach Ramp and Gate 3B (Agreed)	368 days	0 days	368 days	0%	Mon 31/8/20	Thu 2/9/21	NA	NA	Sat 27/2/21	Tue 1/3/22	180 days	3 day												
23	Section 1	842 days	107.17 days	734.83 days	0%	Thu 16/5/19	Mon 14/3/22	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	657 days	3	-											
24	Agree Interface Coordination Plan with CKR & KTSP	14 days	14 days	0 days	100%	Tue 27/8/19	Wed 11/9/19	Tue 27/8/19	Wed 11/9/19	Tue 27/8/19	Wed 11/9/19	0 days	0 days	1225,1226											
25	Ground Investigation	341 days	193.02 days	147.98 days	0%	Thu 12/9/19	Thu 5/11/20	Thu 12/9/19	NA	Thu 12/9/19	Sat 13/8/22	526 days	;		1 111										
26	GI Work		180 days	138 days	57%	Thu 12/9/19		Thu 12/9/19		Thu 12/9/19	Sat 13/8/22		0.5 days	724											
													o.5 days	724											
27	Part 1 - Junction Modification Rd L6 & D2	414 days	_	414 days	0%	Mon 5/10/20	Fri 25/2/22		NA	Mon 23/11/20		3 days													
28	XP Application for Junction Modification Rd L6 & D2	182 days		182 days	0%	Mon 5/10/20		NA	NA	Mon 23/11/20		49 days													
29	Stage 1: Trial Pit to locate the existing underground cables and utilities	14 days	0 days	14 days	0%	Thu 20/5/21	Fri 4/6/21	NA	NA	Mon 24/5/21	Tue 8/6/21	3 days	1 day	141,375,721,728											
30	Stage 2: Trial Pit to locate the existing underground cables and utilities	14 days	0 days	14 days	0%	Sat 5/6/21	Tue 22/6/21	NA	NA	Wed 9/6/21	Fri 25/6/21	3 days	1 day	729				1							
31	Stage 3: East Bound + Drop Kerb Modification + Road Marking	76 days	0 days	76 days	0%	Wed 23/6/21	Mon 20/9/21	NA	NA	Sat 26/6/21	Fri 24/9/21	3 days	1 day	730											
732	Stage 4: TTA for Central Divider	76 days	0 days	76 days	0%	Tue 21/9/21	Tue 21/12/21	NA	NA	Sat 25/9/21	Fri 24/12/21	3 days	1 day	731,113											
33	Stage 5: Construct 2 Dividers	51 days	0 days	51 days	0%	Wed 22/12/21	Fri 25/2/22	NA	NA	Tue 28/12/21	Tue 1/3/22	3 days	1 day	732											
734	Bridge D3 (Approach Ramp and Bridge) CH1087-1444.7	812 days	91.74 days	720.26 days	0%	Thu 16/5/19	Mon 7/2/22	Thu 16/5/19	NA	Mon 11/11/19	Wed 29/5/24	687 days	3												
35	North Approach Ramp	636 days	66.85 days	569.15 days	0%	Wed 25/12/19	Fri 18/2/22	Wed 25/12/19	NA	Wed 25/12/19	Tue 1/3/22	9 days		_	$\parallel \parallel \parallel$										
36	Procurement of Movement Joints for Bridge Works	180 days		180 days	0%	Tue 11/8/20	Sat 6/2/21	NA	NA	Fri 9/10/20	Tue 6/4/21		30 days	194,220		-									
37	Sheetpile Driven along North, Sourth & East Side ELS Cofferdam (assume 169	4 days	_	0 days	100%	Tue 14/1/20	Fri 17/1/20	Tue 14/1/20		Tue 14/1/20	Fri 17/1/20	0 days		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
	long)		_										o.J uay												
738	KTSP Completed Driven H-pile Installation		41 days	0 days	100%	Wed 25/12/19				Wed 25/12/19	Mon 3/2/20	0 days	0.5.3	500											
739	Hoarding Removal along KTSP Site	5 days	5 days	0 days	100%	Tue 4/2/20	Sat 8/2/20	Tue 4/2/20	Sat 8/2/20	Tue 4/2/20	Sat 8/2/20	0 days	0.5 day	738											
	11 Pura with Pura war Task	Summary			Inactive M	ilestone A		Duration-on	lv		Start-only		г	Evtore	al Milestor	ie 🔷			Critica	al Split					
	.11 Prog with Progress	Summary Project Sum	ımary		Inactive M Inactive Su				iy nmary Rollup 🕳		Start-only Finish-only]	Externa Deadlii		ie ♦			Progre	-		 	-		
-01 کے 01 د	May-20 Milestone	Inactive Tas			Manual Ta			Manual Sun			External Tas	sks		Critica						al Progress	s		_		

							Con	tract No. ED/	/2018/01 KT	D Project													
Task Name		Duration	n Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	2020	O3 O4		2021 2 O3 O4	4 01	2022		01 (2023 O2 O3 O
740	Sheetpile Driven along Western ELS Cofferdam (assume 105m long)	8 days	8 days	0 days	100%	Tue 11/2/20	Wed 19/2/20	Tue 11/2/20	Wed 19/2/20	Tue 11/2/20	Wed 19/2/20		0.5 day	737,739	Q2	کی <u>(4</u>	1 Q1 Q2		<u> </u>	1 22 1 0	ي (4	VI V	<u>14 Q3 Q</u>
741	Excavattion with Shoring and Waling Installation with Rock Fill Replacement include Sand Raplacemnet Test with PWRL for KD1	44 days	44 days	0 days	100%	Thu 20/2/20	Wed 15/4/20	Thu 20/2/20	Wed 15/4/20	Thu 20/2/20	Wed 15/4/20	0 days	1 day			+							
742	Remaining Excavation with Shoring and Waling Installation with Rock Fill Replacement include Sand Raplacement Test with PWRL	37 days	0 days	37 days	0%	Tue 6/10/20	Wed 18/11/20) NA	NA	Tue 13/10/20	Wed 25/11/20	6 days	2 days	741,761									
743	North Approach Ramp (Bays No.2,3,4&5) (Next to BEM) (KD1)	106 days	s 34.01 days	71.99 days	0%	Wed 1/4/20	Tue 11/8/20	Wed 1/4/20	NA	Wed 1/4/20	Fri 7/8/20	-3 days				1							ı
744	Bay No.3 Base Slab with Blinding (1)+(2)	15 days	15 days	0 days	100%	Wed 1/4/20	Wed 22/4/20	Wed 1/4/20	Wed 22/4/20	Wed 1/4/20	Wed 22/4/20	0 days	0.5 days	741SS+35 day	ys 🕳								ı
745	Bay No.3: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former	r) 42 days	22 days	20 days	45%	Wed 22/4/20	Thu 11/6/20	Wed 22/4/20	NA	Wed 22/4/20	Thu 11/6/20	-3 days		744									ı
746	May 2020 Inclement Weather	3 days	0 days	3 days	0%	Fri 12/6/20	Mon 15/6/20	NA	NA	Tue 9/6/20	Thu 11/6/20	-3 days		745,74SS									ı
747	Bay No. 3: Wall & Column Casted and Formwork & Falsework upto Soffit o Top Slab(6)+(7)	f 15 days	0 days	15 days	0%	Tue 16/6/20	Sat 4/7/20	NA	NA	Fri 12/6/20	Tue 30/6/20	-3 days	1 day	745,746									1
748	Bay No. 3: Top Slab Construction with Formwork & Falsework Erection(8)	12 days	0 days	12 days	0%	Mon 6/7/20	Sat 18/7/20	NA	NA	Thu 2/7/20	Wed 15/7/20	-3 days	1 day	747									ı
749	Bay No.2 Base Slab with Blinding (1)+(2)	11 days	11 days	0 days	100%	Tue 28/4/20	Tue 12/5/20	Tue 28/4/20	Tue 12/5/20	Tue 28/4/20	Tue 12/5/20	0 days	1 day	741FS+2 days	s	+							ı
750	Bay No.2: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former (3)+(4)+(5)	r) 23 days	6 days	17 days	25%	Sat 16/5/20	Thu 11/6/20	Sat 16/5/20	NA	Sat 16/5/20	Thu 11/6/20	-1 day	1 day	749									ı
751	Bay No. 2: Wall & Column Casted and Formwork & Falsework upto Soffit of	f 18 days	0 days	18 days	0%	Fri 12/6/20	Sat 4/7/20	NA	NA	Thu 11/6/20	Fri 3/7/20	-1 day	1 day	750									ı
752	Top Slab (6)+(7) Bay No. 2: Top Slab Construction with Formwork & Falsework Erection(8)	12 days	0 days	12 days	0%	Wed 8/7/20	Tue 21/7/20	NA	NA	Sat 4/7/20	Fri 17/7/20	-3 days	1 day	751,748FF+2									
753	Bay No.4 Base Slab with Blinding (1)+(2)	15 days	15 days	0 days	100%	Wed 1/4/20	Wed 13/5/20	Wed 1/4/20	Wed 13/5/20	Wed 1/4/20	Wed 13/5/20	0 days	1 day	741SS+35 day	ys 🖦 🛮								.
754	Bay No.4: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former (3)+(4)+(5)	r) 22 days	8 days	14 days	36%	Thu 14/5/20	Tue 9/6/20	Thu 14/5/20	NA	Thu 14/5/20	Tue 9/6/20	-3 days	1 day	753,750SS+7									.
755	Bay No. 4: Wall & Column Casted and Formwork & Falsework upto Soffit of	f 20 days	0 days	20 days	0%	Wed 10/6/20	Sat 4/7/20	NA	NA	Sat 6/6/20	Tue 30/6/20	-3 days	1 day	days 754									ı
756	Top Slab (6)+(7) Bay No. 4: Top Slab Construction with Formwork & Falsework Erection (8)	14 days	0 days	14 days	0%	Mon 6/7/20	Tue 21/7/20	NA	NA	Thu 2/7/20	Fri 17/7/20	-3 days	1 day	755,751SS+4									ı
757	Backfill (9)	12 days	0 days	12 days	0%	Wed 22/7/20	Tue 4/8/20	NA	NA	Sat 18/7/20	Fri 31/7/20	-3 days	0.5 days	days 756,752,748									ı
758	Sheetpile Extraction and Road Reinstatement (10) (KD1)	6 days	0 days	6 days	0%	Wed 5/8/20	Tue 11/8/20	NA	NA	Sat 1/8/20	Fri 7/8/20	-3 days	0.5 days	757									1
759	North Approach Ramp (Bays No.5 & 6) (Next to BEM)	92 days	0 days	92 days	0%	Mon 24/8/20	Mon 23/11/20) NA	NA	Thu 27/8/20	Thu 17/12/20	3 days											1
760	Bay No.5 Base Slab with Blinding (1+2)		0 days	8 days	0%	Thu 10/9/20	Fri 18/9/20		NA	Mon 14/9/20	Tue 22/9/20		1 day	749,753SS+4	da								.
761	Bay No.5: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former			12 days	0%	Sat 19/9/20	Mon 5/10/20		NA	Wed 23/9/20	Thu 8/10/20		1 day	760	$-\parallel\parallel\parallel\parallel$.
762	(3+4+5) Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit o			20 days	0%	Tue 6/10/20	Thu 29/10/20		NA	Fri 9/10/20	Mon 2/11/20		1 day	761,755SS+4	$- $ \square								.
763	Top Slab (6)+(7) Bay No. 5: Top Slab Construction with Formwork & Falsework Erection &			12 days	0%	Fri 30/10/20	Thu 12/11/20		NA	Tue 3/11/20	Mon 16/11/20		1 day	days 762,227FF	$-\parallel\parallel\parallel$.
764	Removal (8) Bay No.6 Base Slab with Blinding (1)+(2)		0 days	15 days	0%	Mon 24/8/20	Wed 9/9/20		NA	Thu 27/8/20	Sat 12/9/20	3 days		741SS+35 day	vs								.
765	Bay No.6: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former			17 days	0%	Thu 10/9/20	Tue 29/9/20		NA	Wed 7/10/20		21 days		764	~								.
766	(3)+(4)+(5) Bay No. 6: Wall & Column Casted and Formwork & Falsework upto Soffit o			27 days	0%	Wed 30/9/20	Tue 3/11/20		NA	Wed 28/10/20	Fri 27/11/20	21 days		765	$\parallel \parallel \parallel$.
767	Top Slab(6)+(7) Bay No. 6: Top Slab Construction with Formwork & Falsework Erection &			17 days	0%	Wed 4/11/20	Mon 23/11/20		NA	Sat 28/11/20				765,766									ı
768	Removal (8) North Approach Ramp (Bays 7&8) (Next to BEM)		0 days	56 days	0%	Tue 26/1/21	Wed 7/4/21		NA	Tue 26/1/21	Sat 17/4/21	0 days	1 uay	703,700									1
769													0.5 days	016 767			IIII III						1
770	Bay 7: Blinding		0 days	1 day	0%	Tue 26/1/21	Tue 26/1/21		NA	Tue 26/1/21 Wed 27/1/21	Tue 26/1/21	0 days			_		1						.
	Bay 7: Base slab		0 days	9 days	0%	Wed 27/1/21		NA	NA		Fri 5/2/21	_	_	816,769									
771	Bay 7: Wall	13 days		13 days	0%	Sat 6/2/21	Wed 24/2/21		NA	Wed 31/3/21	Sat 17/4/21	42 days		819,770									.
772	Bay 8: Blinding	1 day	0 days	1 day	0%	Wed 27/1/21	Wed 27/1/21		NA	Fri 5/2/21	Fri 5/2/21		0.5 days										.
773	Bay 8: Base slab			9 days	0%	Sat 6/2/21	Fri 19/2/21		NA	Sat 6/2/21	Fri 19/2/21		-	816,770,772									.
774	Bay 8: Wall		0 days	13 days	0%	Sat 20/2/21	Sat 6/3/21		NA	Sat 20/2/21	Sat 6/3/21		1 day	773,819									.
775	Bays No.7&8: Backfilling		0 days	15 days	0%	Mon 8/3/21	Wed 24/3/21		NA	Thu 18/3/21	Wed 7/4/21			774,767									.
776	Bays No.7&8: Extract Sheetpile		0 days	9 days	0%	Thu 25/3/21	Wed 7/4/21		NA	Thu 8/4/21	Sat 17/4/21	9 days	0.5 days	775									.
777	North Approach Ramp (Bays No.2,3,4) (Next to KTSP)		s 0 days	149 days	0%	Mon 17/8/20	Tue 12/1/21		NA	Tue 25/8/20	Fri 5/2/21	8 days											
778	Bay No.3 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Mon 24/8/20	Wed 9/9/20	NA	NA	Tue 1/9/20	Thu 17/9/20	7 days	1 day										
779	Bay No.3: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former (3)+(4)+(5)	r) 17 days	0 days	17 days	0%	Thu 10/9/20	Tue 29/9/20	NA	NA	Wed 7/10/20	Tue 27/10/20	21 days	1 day	778									.
780	Bay No. 3: Wall & Column Casted and Formwork & Falsework upto Soffit o Top Slab(6)+(7)	f 27 days	0 days	27 days	0%	Wed 30/9/20	Tue 3/11/20	NA	NA	Wed 28/10/20	Fri 27/11/20	21 days	1 day	779									.
781	Bay No. 3: Top Slab Construction with Formwork & Falsework Erection & Removal (8)	17 days	0 days	17 days	0%	Wed 4/11/20	Mon 23/11/20) NA	NA	Sat 28/11/20	Thu 17/12/20	21 days	1 day	779,780									.
782	Bay No.2 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Mon 17/8/20	Wed 2/9/20	NA	NA	Tue 25/8/20	Thu 10/9/20	7 days	1 day	778FS-21 day	'S	+							.
783	Bay No.2: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former (3)+(4)+(5)	r) 17 days	0 days	17 days	0%	Thu 3/9/20	Tue 22/9/20	NA	NA	Wed 7/10/20	Tue 27/10/20	27 days	1 day	782									
Fitle: Ray 11 Dra		Summary			Inactive M	ilestone \diamondsuit	1	Duration-or	ıly		Start-only		C C	E	External Milest	one «	>	Critic	al Split	<u></u>			11111
as of 22-May-2	Cnlit	Project Sur	mmary		Inactive Su	ımmary 🏻		Manual Sur	mmary Rollup 🛮		Finish-only		3	Ι	Deadline	,	ŀ	Progre	ess	_			

									/2018/01 KT											
Task Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 Q2 Q3	04 01	2021	03 04 0	2022 Q1 Q2 Q3	Q4 Q1
34	Bay No. 2: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7)	27 days		27 days	0%	Wed 23/9/20	Tue 27/10/20	NA	NA	Wed 28/10/20	Fri 27/11/20	27 days	1 day	783	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				22 (3)	
35	Bay No. 2: Top Slab Construction with Formwork & Falsework Erection &	17 days	0 days	17 days	0%	Wed 28/10/20	Mon 16/11/20	NA	NA	Sat 28/11/20	Thu 17/12/20	27 days	1 day	783,784						
36	Removal (8) Bay No.4 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Tue 18/8/20	Thu 3/9/20	NA	NA	Wed 26/8/20	Fri 11/9/20	7 days	1 day	782SS+1 day						
37	Bay No.4: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former)		_	17 days	0%	Fri 4/9/20	Wed 23/9/20		NA	Sat 12/9/20	Sat 3/10/20			786						
	(3)+(4)+(5)		_																	
38	Bay No. 4: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7)			27 days	0%	Thu 24/9/20	Wed 28/10/20	NA	NA	Mon 5/10/20	Thu 5/11/20	7 days	1 day	787						
39	Bay No. 4: Top Slab Construction with Formwork & Falsework Erection & Removal (8)	17 days	0 days	17 days	0%	Thu 29/10/20	Tue 17/11/20	NA	NA	Fri 6/11/20	Wed 25/11/20	7 days	1 day	787,788		#				
90	Bay No.2,3&4: Backfilling upto +3.0mPD	28 days	0 days	28 days	0%	Tue 24/11/20	Mon 28/12/20	NA	NA	Fri 18/12/20	Fri 22/1/21	21 days	1 day	789,785,781,767		*				
91	Bay No.4: Sheetpile Extraction (KD2)	12 days	0 days	12 days	0%	Tue 29/12/20	Tue 12/1/21	NA	NA	Sat 23/1/21	Fri 5/2/21	21 days	0.5 days	790			_			
92 N	North Approach Ramp (Bays No.5,6) (Next to KTSP)	141 days	0 days	141 days	0%	Wed 18/11/20	Wed 7/4/21	NA	NA	Thu 26/11/20	Sat 10/4/21	3 days								
93	Bay No.5 Base Slab with Blinding (1)+(2)	15 days		15 days	0%		Wed 9/12/20		NA	Thu 26/11/20	Sat 12/12/20		1 day	741SS+35 days,						
94	Bay No.5: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5)) 17 days	0 days	17 days	0%	Thu 10/12/20	Thu 31/12/20	NA	NA	Mon 14/12/20	Tue 5/1/21	3 days	1 day	793						
95	Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7)	27 days	0 days	27 days	0%	Sat 2/1/21	Tue 2/2/21	NA	NA	Wed 6/1/21	Fri 5/2/21	3 days	1 day	794						
96	Bay No. 5: Top Slab Construction with Formwork & Falsework Erection & Removal (8)	17 days	0 days	17 days	0%	Wed 3/2/21	Thu 25/2/21	NA	NA	Sat 6/2/21	Mon 1/3/21	3 days	1 day	794,795,791						
97	Bay No.6 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Wed 18/11/20	Fri 4/12/20	NA	NA	Thu 26/11/20	Sat 12/12/20	7 days	1 day	789						
98	Bay No.6: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former)) 17 davs	0 days	17 days	0%	Sat 5/12/20	Thu 24/12/20	NA	NA	Mon 14/12/20	Tue 5/1/21	7 days	1 day	797						
99	(3)+(4)+(5) Bay No. 6: Wall & Column Casted and Formwork & Falsework upto Soffit of		-	27 days	0%	Mon 28/12/20			NA	Wed 6/1/21	Fri 5/2/21			798						
	Top Slab(6)+(7)																			
00	Bay No. 6: Top Slab Construction with Formwork & Falsework Erection & Removal (8)	17 days	0 days	17 days	0%	Fri 29/1/21	Sat 20/2/21	NA	NA	Sat 6/2/21	Mon 1/3/21	7 days	1 day	798,799						
01	Bay No.5&6: Backfilling upto +3.0mPD	26 days	0 days	26 days	0%	Fri 26/2/21	Sat 27/3/21	NA	NA	Tue 2/3/21	Wed 31/3/21	3 days	1 day	790,800,796			1-111111			
)2	Bay No.5&6: Sheetpile Extraction (KD2)	6 days	0 days	6 days	0%	Mon 29/3/21	Wed 7/4/21	NA	NA	Thu 1/4/21	Sat 10/4/21	3 days	0.5 days	801,791						
)3 N	North Approach Ramp (Bays 7&8) (Next to KTSP)	79 days	0 days	79 days	0%	Fri 29/1/21	Sat 17/4/21	NA	NA	Thu 11/2/21	Sat 17/4/21	0 days					+			
)4	Bay 7: Base slab	9 days	_	9 days	0%	Fri 29/1/21	Mon 8/2/21	NA	NA	Thu 11/2/21	Wed 24/2/21		0.5 days	816,799						
15	•				0%		Sat 20/3/21		NA	Mon 8/3/21				804,819,774						
	Bay 7: Wall	12 days		12 days		Mon 8/3/21					Sat 20/3/21		-							
5	Bay 8: Base slab	9 days	0 days	9 days	0%	Tue 9/2/21	Mon 22/2/21	NA	NA	Thu 25/2/21	Sat 6/3/21	11 days	0.5 days	804,816						
7	Bay 8: Wall	12 days	0 days	12 days	0%	Tue 23/2/21	Mon 8/3/21	NA	NA	Mon 8/3/21	Sat 20/3/21	11 days	1 day	806,819						
18	Bays No.7&8: Backfilling	15 days	0 days	15 days	0%	Mon 22/3/21	Sat 10/4/21	NA	NA	Mon 22/3/21	Sat 10/4/21	0 days	1 day	807,805			T			
)9	Bays No.7&8: Extract Sheetpile	6 days	0 days	6 days	0%	Mon 12/4/21	Sat 17/4/21	NA	NA	Mon 12/4/21	Sat 17/4/21	0 days	1 day	808,801,802			7			
0 (CH1087-1189 (100m): North Approach Ramp: Parapet, Central Median &	77 days	0 davs	77 days	0%	Mon 19/4/21	Wed 21/7/21	NA	NA	Thu 23/9/21	Tue 14/12/21	122 days		718			*			
	Furniture CH1087-1189: Parapet (28m per day per team) x 1 team + 6 day concreting			23 days	0%	Mon 19/4/21	Sat 15/5/21		NA	Thu 23/9/21	Thu 21/10/21	130 days	2 dos	809,776,821			 [
													-				 			
12	CH1087-1189: Central Median and Utilties Trough (6m per day per team) x 1 team	25 days	0 days	25 days	0%	Thu 27/5/21	Fri 25/6/21	NA	NA	Fri 22/10/21	Fri 19/11/21	122 days	1 day	811,236						
13	CH1087-1189: Road Furniture	21 days	0 days	21 days	0%	Sat 26/6/21	Wed 21/7/21	NA	NA	Sat 20/11/21	Tue 14/12/21	122 days	3 days	812,358						
14 N	North Approach Ramp: Bay No. 1	135 days	0 days	135 days	0%	Fri 14/8/20	Mon 25/1/21	NA	NA	Fri 14/8/20	Mon 25/1/21	0 days				1				
15	Bay 1: Base slab	27 days	0 days	27 days	0%	Fri 14/8/20	Mon 14/9/20	NA	NA	Fri 14/8/20	Mon 14/9/20	0 days	0.5 days	834						
16	Bay 1: Wall	83 days	0 days	83 days	0%	Fri 16/10/20	Mon 25/1/21	NA	NA	Fri 16/10/20	Mon 25/1/21	0 days	3 days	819						
	Part 3G - CH1189.4 to CH1229 North Abutment	180 days		180 days	0%	Tue 15/9/20	Mon 26/4/21		NA	Tue 15/9/20	Mon 26/4/21									
18	North Abutment	180 days		180 days	0%	Tue 15/9/20	Mon 26/4/21	NA	NA	Tue 15/9/20	Mon 26/4/21	0 days								
19	North Abutment - Base Slab	25 days	0 days	25 days	0%	Tue 15/9/20	Thu 15/10/20	NA	NA	Tue 15/9/20	Thu 15/10/20	0 days	1 day	815						
20	North Abutment Wall (3.85m thk)	37 days	0 days	37 days	0%	Tue 26/1/21	Fri 12/3/21	NA	NA	Tue 26/1/21	Fri 12/3/21	0 days	1 day	816			-			
21	North Abutment Wall (0.5m thk) (KD2) (KD3)	28 days	0 days	28 days	0%	Sat 13/3/21	Sat 17/4/21	NA	NA	Sat 13/3/21	Sat 17/4/21	0 days	1 day	820						
22	Install bridge bearing	7 days	0 days	7 days	0%	Mon 19/4/21	Mon 26/4/21	NA	NA	Mon 19/4/21	Mon 26/4/21	0 days	0.5 days	821,736						
	At Grade Road Works CH1000-2124				0%		Fri 18/2/22		NA					,						
		157 days		157 days		Tue 10/8/21				Thu 4/11/21	Tue 1/3/22	9 days								
4	CH1000-1087 At grade road works	60 days		60 days	0%	Tue 10/8/21	Thu 21/10/21		NA	Wed 15/12/21	Tue 1/3/22	106 days	-	776,809,332,341						
25	CH1444.7-1560 At grade road works	45 days	0 days	45 days	0%	Wed 22/12/21	Fri 18/2/22	NA	NA	Wed 5/1/22	Tue 1/3/22	9 days	1 day	1293,826,219						
26	Ch2050 to 2124: At grade road works	50 days	0 days	50 days	0%	Mon 25/10/21	Tue 21/12/21	NA	NA	Thu 4/11/21	Tue 4/1/22	9 days	1 day	1438,219						
27 Brid	ge D3 Bored Pile	17 days	17 days	0 days	0%	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	0 days								
	Pre-drilling Works		15 days	0 days	100%						Thu 5/12/19	0 days	0.5 dav							
-			amjo				5, 12/17	222 17/11/17	5,12(1)		3,12,17	- m;0								
e: Rev.11 Prog v	vitn Progress	Summary			Inactive M			Duration-on			Start-only		C .		al Milestone	♦		Critical Split		
of 22-May-20	Split F	Project Sur	nmary	U	Inactive Su Manual Ta			Manual Sun	nmary Rollup 🔳		Finish-only		3	Deadli	ne	•		Progress	ress	

										D Project														
Task Na	ame	Duration	n Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 Q2 Q	23 Q4	01 0	2021 22 Q3	Q4 (Q1 O2	2022 2 Q3	Q4		2023 Q3 Q
29	Part 3C - CH1229 to CH1279	823 day	rs? 137.51 days	685.49 days?	0%	Thu 16/5/19	Sat 19/2/22	Thu 16/5/19	NA	Mon 11/11/19	Wed 29/5/24	676 da												
30	Abutment A01 Piling	0 days	0 days	0 days	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1841 d			 									l
831	CH1189: Bored Pile (A01-BP1) by Rig 1(Contractor Bear DDA Approval Risk)	61 days	40 days	21 days	66%	Tue 31/3/20	Tue 16/6/20	Tue 31/3/20	NA	Tue 31/3/20	Tue 16/6/20	0 days	1 day	839										
832	CH1189: Bored Pile (A01-BP2) by Rig 1 (Contractor Bear DDA Approval Risk	29 days	29 days	0 days	100%	Mon 13/4/20	Tue 19/5/20	Mon 13/4/20	Tue 19/5/20	Mon 13/4/20	Tue 19/5/20	0 days	1 day		 									
833	Abutment A01: Pile Testing (28d curing & 14 test) - 1 full-core to be carried out	t 37 days	0 days	37 days	0%	Wed 17/6/20	Fri 31/7/20	NA	NA	Wed 17/6/20	Fri 31/7/20	0 days	5 days	831,832										1
834	Abutment A01: Proof-drilling Works	11 days	0 days	11 days	0%	Sat 1/8/20	Thu 13/8/20	NA	NA	Sat 1/8/20	Thu 13/8/20	0 days	2 day	833										1
835	Mobilization of plant and material	6 days	6 days	0 days	100%	Mon 11/11/19	Sat 16/11/19	Mon 11/11/19	Sat 16/11/19	Mon 11/11/19	Sat 16/11/19	0 days	1 days	14,194,193										l
336	CH1229: Pre-drilling Works	21 days	21 days	0 days	100%	Tue 19/11/19	Thu 12/12/19	Tue 19/11/19	Thu 12/12/19	Tue 19/11/19	Thu 12/12/19	0 days	0.5 days											l
337	Pier P01 Piling, Pilecap & Pier	0 days	0 days	0 days	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1841 d												l
338	Bored pile (P01-BP2) @ CH1229 by Rig 1 (Contractor Bear DDA Approval	44 days	44 days	0 days	100%	Fri 17/1/20	Wed 11/3/20	Fri 17/1/20	Wed 11/3/20	Fri 17/1/20	Wed 11/3/20	0 days	0.5 days											1
339	Risk) Bored pile (P01-BP1) @ CH1229 by Rig 1 (Contractor Bear DDA Approval	38 days	38 days	0 days	100%	Mon 24/2/20	Wed 8/4/20	Mon 24/2/20	Wed 8/4/20	Mon 24/2/20	Wed 8/4/20	0 days	0.5 days	838SS+30 days										1
40	Risk) Pier P01: Pile Testing (18d curing & 14 test)	45 days	0 days	45 days	0%	Sat 23/5/20	Thu 16/7/20	NA	NA	Mon 6/7/20	Wed 26/8/20	35 days	3 days	839	┤ ╁ ╢									l
341	Pier P01: Proof-drilling Works	10 days	0 days	10 days	0%	Fri 17/7/20	Tue 28/7/20	NA	NA	Thu 27/8/20	Mon 7/9/20	35 days	1 day	839,840										l
842	Pile Cap P01 @ CH1229	98 days	0 days	98 days	0%	Mon 15/6/20	Sun 11/10/20	NA	NA	Sat 29/8/20	Fri 13/11/20	28 days			┤│┟╀									l
343	Excavation with Shoring Installation ~2600m3 Prod. Rate: 160m3/day/team			17 days	0%	Wed 29/7/20	Mon 17/8/20		NA	Tue 8/9/20	Sat 26/9/20	35 days	1 day	841		1								l
844	Pilecap - Formwork Design and Method Statement Submission		0 days	0 days	0%	Mon 15/6/20	Mon 15/6/20		NA	Sat 29/8/20	Sat 29/8/20	75 days	_		♦ 15/	/6								
845	Pilecap - Formwork Design and Method Statement Comment & Appraoval		0 days	30 days	0%	Mon 15/6/20	Tue 14/7/20		NA	Sat 29/8/20	Sun 27/9/20	75 days	1	844										
846	Pilecap structure		0 days	24 days	0%	Tue 18/8/20	Mon 14/9/20		NA	Mon 28/9/20	Wed 28/10/20			845,843	 									l
340	Backfill		0 days	14 days	0%	Tue 15/9/20	Wed 30/9/20		NA	Thu 29/10/20	Fri 13/11/20	35 days		846										l
848	Pier - Formwork Design and Method Statement Submission		0 days		0%	Mon 7/9/20	Mon 7/9/20		NA NA	Sat 10/10/20	Sat 10/10/20	33 days		010										
348	_			0 days	0%	Mon 7/9/20	Sun 11/10/20		NA NA	Sat 10/10/20 Sat 10/10/20	Fri 13/11/20			848										l
	Pier - Formwork Design and Method Statement Comment & Appraoval		0 days	35 days								33 days												l
350	Pier P01 @ CH1229		0 days	49 days	0%	Wed 28/10/20			NA	Sat 14/11/20	Wed 13/1/21	15 days	-	847,211,849										1
351	CH1269: Pre-drilling Works		30 days	0 days	0%	Wed 20/11/19				Wed 20/11/19	Thu 19/12/19			835,836										l
352	Abandon the Installed defected Bored pile (P02-BP2) @ CH1269	35 days	35 days	0 days	100%	Tue 11/2/20		Tue 11/2/20			Sun 22/3/20		0.5 days	851										l
353	Pier P02 Piling, Pilecap & Pier	1 day?	0 days	1 day?	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1840 d												l
354	Predrilling works for Bored pile (P02-BP2)(Abandoned) @ CH1269		0 days	11 days	0%	Wed 3/6/20	Mon 15/6/20	NA	NA	Tue 9/6/20	Sat 20/6/20	5 days	0.5 days	852										l
355	Casing Extraction for Abandoned P02-BP2 Bored Pile	20 days	0 days	20 days	0%	Sat 20/6/20	Wed 15/7/20	NA	NA	Mon 22/6/20	Thu 16/7/20	1 day	1 day	854										l
856	Bored pile (P02-BP2)(Remedial) @ CH1269	30 days	0 days	30 days	0%	Thu 16/7/20	Wed 19/8/20	NA	NA	Fri 17/7/20	Thu 20/8/20	1 day	2 days	855,854		h								l
357	Bored pile (P02-BP1) @ CH1269 (Contractor Bear DDA Approval Risk) (Rig 2	26 days	26 days	0 days	100%	Fri 21/2/20	Sat 18/4/20	Fri 21/2/20	Sat 18/4/20	Fri 21/2/20	Sat 18/4/20	0 days	0.5 days	851										l
358	Pile Testing (18d curing & 14 test)	32 days	0 days	32 days	0%	Thu 20/8/20	Fri 25/9/20	NA	NA	Wed 2/9/20	Sat 10/10/20	11 days	0.5 days	852,857,856	 									l
359	Proof-drilling Works	9 days	0 days	9 days	0%	Sat 26/9/20	Thu 8/10/20	NA	NA	Mon 12/10/20	Wed 21/10/20	11 days	1 day	839,840,858		THE L								l
860	Pile Cap ELS - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 29/6/20	Mon 29/6/20	NA	NA	Tue 22/9/20	Tue 22/9/20	85 days	1 day		4 29	9/6								l
861	Pile Cap ELS - Temp. Works Design and Method Statement Comment &	30 days	0 days	30 days	0%	Mon 29/6/20	Tue 28/7/20	NA	NA	Tue 22/9/20	Wed 21/10/20	85 days	1 day	860										l
862	Appraoval Pile Cap P02 @ CH1270	120 day	s 0 days	120 days	0%	Mon 24/8/20	Sat 16/1/21	NA	NA	Thu 22/10/20	Fri 29/1/21	11 days					70							l
863	Drive sheetpile (~75m). Prod. Rate: 5m/day/side/team	17 days	0 days	17 days	0%	Fri 9/10/20	Thu 29/10/20) NA	NA	Thu 22/10/20	Wed 11/11/20	11 days	2 days	861,858,140,85	9									l
364	Excavation ~1677m3 & lateral support. Prod. Rate: 100m3/day/team	18 days	0 days	18 days	0%	Fri 30/10/20	Thu 19/11/20) NA	NA	Thu 12/11/20	Wed 2/12/20	11 days	1 days	863	$- \ \cdot \ \cdot \ $									l
365	Pilecap Formwork Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 24/8/20	Mon 24/8/20	NA	NA	Thu 12/11/20	Thu 12/11/20	80 days	1 day		$\ \cdot\ $	4 24/8								l
366	Pilecap Formwork - Design and Method Statement Comment & Appraoval	21 days	0 days	21 days	0%	Mon 24/8/20	Sun 13/9/20	NA	NA	Thu 12/11/20	Wed 2/12/20	80 days	1 day	865	$\parallel \parallel \parallel$									l
367	Pilecap structure	36 days	0 days	36 days	0%	Fri 20/11/20	Mon 4/1/21	NA	NA	Thu 3/12/20	Sat 16/1/21	11 days	1 day	866,864,863	$\left\{ \left[$									l
368	Backfill and extract sheet pile		0 days	11 days	0%	Tue 5/1/21	Sat 16/1/21	NA	NA	Mon 18/1/21	Fri 29/1/21	11 days		867	$\ \ \ $									l
69	Pier - Temp. Works Design and Method Statement Submission		0 days	0 days	0%	Mon 7/9/20	Mon 7/9/20		NA	Thu 31/12/20	Thu 31/12/20				$\parallel \parallel \parallel$	7/9								l
70	Pier - Temp. Works Design and Method Statement Comment & Appraoval		0 days	30 days	0%	Mon 7/9/20	Tue 6/10/20		NA	Thu 31/12/20	Fri 29/1/21	115 days		869		411								
370	Pier P02 @ CH1270		0 days	49 days	0%	Mon 18/1/21	Thu 18/3/21		NA	Sat 30/1/21	Wed 31/3/21	11 days		868,211,870	-									
													1 uay	000,211,070										l
872	Stage 1: Bridge deck between CH1229-1311		o days	340 days	0%	Mon 2/11/20			NA	Tue 19/1/21	Wed 29/12/21		1 d											
873	Bridge Deck - Temp. Works Design and Method Statement Submission	o days	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	INA	NA	Tue 19/1/21	Tue 19/1/21	78 days	1 day			2/								<u> </u>
tle: Rev.11 F	Prog with Progress Task	Summary			Inactive Mi			Duration-or			Start-only		[temal Mileston				Critical Split	t				
s of 22-May	Split	Project Sur Inactive Ta		l .	Inactive Su Manual Tas			Manual Sur Manual Sur	mmary Rollup		Finish-only External Tas	-1]		adline itical	4			Progress Manual Prog	aronn			_	

Task Nam										TD Project													
Task Nam	e	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	sh Late Start	Late Finish	Total TF Slack	A Predecessor		03 04	O1 O2	03 Q4	01 0	2022 Q2 Q3	04		2023 2 Q3	04
874	Bridge Deck - Temp. Works Design and Method Statement Comment &	35 days		35 days	0%	Mon 2/11/20	Sun 6/12/20	NA	NA	Tue 19/1/21	Mon 22/2/21	78 days 1 d	lay 873	Q2							Q1 Q2		<u>V</u>
875	Appraoval CH1229-1311: Deck Falsework erection Part 1	32 days	0 days	32 days	0%	Tue 23/2/21	Wed 31/3/21	NA	NA	Tue 23/2/21	Wed 31/3/21	0 days 1 d	lay 874,922										
876	CH1229-1311: Deck Falsework erection Part 2	28 days	0 days	28 days	0%	Thu 1/4/21	Fri 7/5/21	NA	NA	Thu 1/4/21	Fri 7/5/21	0 days 3 d	lays 875,871									1	
877	CH1229-1311: Structure deck	50 days	0 days	50 days	0%	Wed 7/4/21	Sat 5/6/21	NA	NA	Wed 7/4/21	Sat 5/6/21	0 days 2 d	lay 475,483,736	5,875		Time						1	
878	CH1229-1311: Prestressing	18 days		18 days	0%	Thu 24/6/21	Thu 15/7/21	NA	NA	Thu 24/6/21	Thu 15/7/21	0 days 0.5	day 877FS+14 d	avs								1	
879	CH1229-1311: Falsework Under Main Deck Removal	12 days		12 days	0%	Fri 16/7/21	Thu 29/7/21		NA	Fri 16/7/21	Thu 29/7/21		day 878									1	
							Thu 7/10/21					-										1	
880	CH1229-1311: Utility Trough (0.67m per day per team) x 4 team	70 days		70 days	0%	Fri 16/7/21			NA	Thu 22/7/21	Wed 13/10/21		lays 219,878									1	
881	CH1229-1311: Central Median (6m per day per team) x 2 team	31 days		31 days	0%	Fri 16/7/21	Fri 20/8/21		NA	Sat 2/10/21	Mon 8/11/21	65 days 3 d	lays 878									1	
882	CH1229-1311: Parapet (28m per day per team) x 2 team + 6x2 day concreting	ng 21 days	0 days	21 days	0%	Fri 8/10/21	Tue 2/11/21	NA	NA	Fri 15/10/21	Mon 8/11/21	5 days 3 d	lays 880				11-					1	
883	CH1229-1311: Removal of Falsework (KD6)	42 days	0 days	42 days	0%	Wed 3/11/21	Tue 21/12/21	NA	NA	Tue 9/11/21	Wed 29/12/21	5 days 6 d	lays 880,882,881									1	
884	CH1229-1311: Road Furniture	15 days	0 days	15 days	0%	Sat 21/8/21	Tue 7/9/21	NA	NA	Sat 27/11/21	Tue 14/12/21	81 days 1 d	lay 881,358				1111					1	
885	Part 3D - CH1279 to CH1311	196 days	0 days	196 days	0%	Mon 7/6/21	Sat 29/1/22	NA	NA	Wed 16/6/21	Fri 11/2/22	7 days										1	
886	Stage 1: Bridge deck between CH1269-1311	196 days	0 days	196 days	0%	Mon 7/6/21	Sat 29/1/22	NA	NA	Wed 16/6/21	Fri 11/2/22	7 days										1	
887	CH1269-1311: Structure deck	50 days	0 days	50 days	0%	Mon 7/6/21	Thu 5/8/21	NA	NA	Wed 16/6/21	Fri 13/8/21	7 days 2 d	lay 475,483,736	5,877									
388	Prestressing CH1269 - 1311 Bridge Spans	21 days	0 days	21 days	0%	Mon 23/8/21	Wed 15/9/21	NA	NA	Tue 31/8/21	Fri 24/9/21	7 days 3 d	lay 887FS+14 d	ays			Y						
889	CH1269-1311: Utility Trough (0.67m per day per team) x 2 team	64 days		64 days	0%	Thu 16/9/21	Thu 2/12/21	NA	NA	Sat 25/9/21	Fri 10/12/21		day 888,219								ı		
890	CH1269-1311: Parapet (28m per day per team) x 1 team + 6 day	17 days		17 days	0%	Fri 3/12/21	Wed 22/12/2		NA	Sat 11/12/21	Mon 3/1/22	1	lays 889	-									
891	concreting CH1269-1311: Central Median (6m per day per team) x 1 team	15 days		15 days	0%	Thu 23/12/21	Wed 12/1/22		NA	Wed 5/1/22	Fri 21/1/22	8 days 1 d						,				1	
																						1	
892	CH1269-1311: Road Furniture	15 days		15 days	0%	Thu 13/1/22	Sat 29/1/22		NA	Sat 22/1/22	Fri 11/2/22	8 days 1 d	lay 891,358									1	
893	Stage2: Bridge deck between CH1189-1229	823 days		823 days?	0%	Thu 16/5/19	Sat 19/2/22		NA	Tue 27/4/21	Wed 29/5/24	579 da										1	
894	CH1189-1229: Deck Falsework erection	1 day?	0 days	1 day?	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1840 d										1	
895	CH1189-1229: Deck Falsework erection	22 days	0 days	22 days	0%	Tue 27/4/21	Mon 24/5/21	NA	NA	Tue 27/4/21	Mon 24/5/21	0 days 1 d	lay 850,822									1	
396	CH1189-1229: Structure deck	27 days	0 days	27 days	0%	Tue 25/5/21	Fri 25/6/21	NA	NA	Tue 25/5/21	Fri 25/6/21	0 days 2 d	lay 895,475,483									1	
897	CH1189-1229: Prestressing	18 days	0 days	18 days	0%	Wed 14/7/21	Tue 3/8/21	NA	NA	Wed 14/7/21	Tue 3/8/21	0 days 1 d	lay 896FS+14 d	lays			i.					1	
898	CH1189-1229: Falsework Under Main Deck Removal	15 days	0 days	15 days	0%	Wed 4/8/21	Fri 20/8/21	NA	NA	Wed 4/8/21	Fri 20/8/21	0 days 3 d	lays 878,897				*					1	
399	CH1189-1229: Utility Trough (0.67m per day per team) x 2 team	63 days	0 days	63 days	0%	Wed 4/8/21	Tue 19/10/21	NA	NA	Wed 13/10/21	Tue 28/12/21	58 days 3 d	lays 219,897				7					1	
900	CH1189-1229 : Central Median (6m per day per team) x 1 team	16 days	0 days	16 days	0%	Sat 21/8/21	Wed 8/9/21	NA	NA	Fri 21/1/22	Fri 11/2/22	125 days 3 d	lay 897,881				<u> </u>	4				1	
901	CH1189-1229: Parapet (28m per day per team) x 1 team + 6 day concreting	20 days	0 days	20 days	0%	Wed 3/11/21	Thu 25/11/21	NA	NA	Mon 17/1/22	Fri 11/2/22	61 days 5 d	lay 899,882				—	4.1111				1	
902	CH1189-1229: Road Furniture	15 days	0 days	15 days	0%	Mon 31/1/22	Sat 19/2/22	NA	NA	Sat 12/2/22	Tue 1/3/22	8 days 1 d	lay 900,892,358	3.901								1	
	Part 3E - CH1311 to CH1372		94.1 days	557.9 days	0%			Tue 12/11/19		Tue 12/11/19	Wed 29/5/24	698 days										1	
904	Pre-drilling Works		31 days		0%			Tue 12/11/19			Tue 17/12/19		1									1	
				0 days								-										1	
905	Bored pile (P03-BP1) @ CH1311 (Rig 2) (Contractor Bear DDA Design Risk)			0 days	100%	Tue 17/3/20	Fri 8/5/20	Tue 17/3/20		Tue 17/3/20	Fri 8/5/20	0 days 0.5										1	
906	Bored pile (P03-BP2) @ CH1311 (Contractor Bear DDA Design Risk) (Rig 2)	36 days	25 days	11 days	69%	Wed 22/4/20	Thu 4/6/20	Wed 22/4/20		Wed 22/4/20	Thu 4/6/20	0 days 3 d										1	
907	Pile Testing (18 curing & 14 test)	35 days	0 days	35 days	0%	Sat 6/6/20	Sat 18/7/20	NA	NA	Sat 6/6/20	Sat 18/7/20	0 days 3 d	906FS+1 da	y,90.								1	
908	Proof-drilling Works	11 days	0 days	11 days	0%	Mon 20/7/20	Fri 31/7/20	NA	NA	Mon 20/7/20	Fri 31/7/20	0 days 2 d	lays 907									1	
909	Pile Cap P03 @ CH1311	76 days	0 days	76 days	0%	Tue 7/7/20	Mon 5/10/20	NA	NA	Fri 31/7/20	Wed 29/5/24	21 days			 							1	
910	Pile Cap @ CH1311 by Open Cut	46 days	0 days	46 days	0%	Sat 1/8/20	Wed 23/9/20	NA	NA	Wed 28/10/20	Sat 19/12/20	72 days	908								ı		
911	Pilecap Formwork Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 7/7/20	Tue 7/7/20	NA	NA	Tue 30/4/24	Tue 30/4/24	1393 1 d	lay		717								
912	Pilecap Formwork Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Tue 7/7/20	Wed 5/8/20	NA	NA	Tue 30/4/24	Wed 29/5/24	1393 1 d	lay 911										
913	Excavation with Shoring Installation ~2600m3 Prod. Rate: 160m3/day/team	17 days	0 days	17 days	0%	Sat 1/8/20	Thu 20/8/20	NA	NA	Sat 1/8/20	Thu 20/8/20	days 0 days 1 d	lay 908	-							ı		
914	Pilecap Formwork - design and Method Statement Submission	0 days		0 days	0%	Mon 20/7/20	Mon 20/7/20		NA	Fri 31/7/20	Fri 31/7/20	11 days 1 d		-	20/7								
915	Pilecap Formwork - Design and Method Statement Comment & Appraoval	21 days		21 days	0%	Mon 20/7/20	Sun 9/8/20		NA	Fri 31/7/20	Thu 20/8/20	11 days 1 d											
916				24 days	0%	Fri 21/8/20	Thu 17/9/20		NA	Fri 21/8/20	Thu 17/9/20												
	Pilecap structure	24 days																					
917	Backfill	13 days		13 days	0%	Fri 18/9/20	Mon 5/10/20		NA	Fri 18/9/20	Mon 5/10/20	0 days 1 d											
918	Agree Interface Coordination Plan with CKP-KTW (HY/2014/07)	14 days	0 days	14 days	0%	Tue 6/10/20	Wed 21/10/20	U NA	NA	Tue 6/10/20	Wed 21/10/20	0 days 0 d	lays 917		21/1	0							
itle: Rev.11 Pro	og with Progress	Summary			Inactive M	filestone \diamondsuit		Duration-on			Start-only	Е		External Milest	one 🔷		Critical Sp						
s of 22-May-2	Cnlit	Project Sun	nmary		Inactive S Manual Ta			Manual Sur Manual Sur	nmary Rollup		Finish-only External Tasi	3		Deadline Critical	•		Progress Manual Pr				_		

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Task Na	me	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack	Predecessors	2020 O2 C	03 Q4		2021 O3	Q4 Q1)22 Q3 Q	04 01	2023 Q2 C	
919	Allow access to CKR-KTW contractor for sheet pile wall installation. PS App.1.18 2.7(A)(c)	60 days		60 days	0%	Thu 22/10/20	Sun 20/12/20	NA	NA	Thu 22/10/20	Sun 20/12/20	0 days 0 days	917,918			¥. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							<u> </u>
920	Pier - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 12/10/20	Mon 12/10/20	0 NA	NA	Mon 16/11/20	Mon 16/11/20	35 days 1 day		1	♦ 12/16								
921	Pier - Temp. Works Design and Method Statement Comment & Approval	35 days	0 days	35 days	0%	Mon 12/10/20	Sun 15/11/20	NA	NA	Mon 16/11/20	Sun 20/12/20	35 days 1 day	920										
922	Pier P03 @ CH1311	49 days	0 days	49 days	0%	Mon 21/12/20	Mon 22/2/21	NA	NA	Mon 21/12/20	Mon 22/2/21	0 days 1 day	916,919,850SS+										
923	Pre-drilling Works	15 days	15 days	0 days	100%	Wed 4/12/19	Wed 18/12/19	9 Wed 4/12/19	Wed 18/12/.	Wed 4/12/19	Wed 18/12/19	0 days 0.5 day	S										
924	Diversion of existing 150mm dia. Watermain (agreed)		42 days	12 days	78%	Sat 28/3/20	Fri 5/6/20	Sat 28/3/20	NA	Sat 28/3/20	Sat 14/11/20	134 days 2 days											
925	Bored pile (P04-BP2) @ CH1351 (Rig 2)	52 days		51 days	0%	Fri 22/5/20	Wed 21/10/20	0 Fri 22/5/20	NA	Fri 22/5/20	Tue 19/1/21	73 days 3 days	923,856										
926	Bored pile (P04-BP1) @ CH1351 (Rig 2)	53 days		53 days	0%	Tue 11/8/20	Tue 13/10/20		NA	Mon 16/11/20	Tue 19/1/21	80 days 3 days	202,924,923,925										
927	Pile Testing (14d curing & 14 test)	35 days		35 days	0%	Thu 22/10/20	Wed 2/12/20		NA	Wed 20/1/21	Thu 4/3/21	73 days 3 days	926,925										
928	Proof-drilling Works				0%		Tue 15/12/20		NA	Fri 5/3/21	Wed 17/3/21	73 days 2 days											
		11 days		11 days																			
929	Pile Cap P04 @ CH1351 with ELS	47 days	-	47 days	0%	Wed 16/12/20			NA	Thu 1/4/21	Mon 31/5/21	85 days	933SS,928										
930	Pile Cap @ CH1351	97 days		97 days	0%	Mon 2/11/20	Mon 1/3/21		NA	Tue 16/2/21	Mon 31/5/21	73 days				$\mathbb{T} $							
931	Pilecap ELS- Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA	Tue 16/2/21	Tue 16/2/21	106 days 1 day			2/11								
932	Pilecap ELS - Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 2/11/20	Tue 1/12/20		NA	Tue 16/2/21	Wed 17/3/21	106 days 1 day	931										
933	Drive sheetpile (~75m). Prod. Rate: 10m/day/side/team	10 days	0 days	10 days	0%	Wed 16/12/20	Tue 29/12/20	NA	NA	Thu 18/3/21	Mon 29/3/21	73 days 2 days	932,928										
934	Excavation with Shoring Installation ~2600m3 Prod. Rate: 160m3/day/team	19 days	0 days	19 days	0%	Wed 30/12/20	Thu 21/1/21	NA	NA	Tue 30/3/21	Fri 23/4/21	73 days 2 day	933										
935	Pilecap Formwork- Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Thu 25/3/21	Thu 25/3/21	114 days 1 day			1/1	12							
936	Pilecap Formworks - Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Tue 1/12/20	Wed 30/12/20	0 NA	NA	Thu 25/3/21	Fri 23/4/21	114 days 1 day	935	1									
937	Pile Cap structure	19 days	0 days	19 days	0%	Fri 22/1/21	Tue 16/2/21	NA	NA	Sat 24/4/21	Mon 17/5/21	73 days 1 day	846,936,934	1									
938	Backfill and extract sheet pile	11 days	0 days	11 days	0%	Wed 17/2/21	Mon 1/3/21	NA	NA	Tue 18/5/21	Mon 31/5/21	73 days 2 days	937										
939	Pier - Temporary Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 4/1/21	Mon 4/1/21	NA	NA	Sun 2/5/21	Sun 2/5/21	118 days 1 day				4/1							
940	Pier - Temporary Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 4/1/21	Tue 2/2/21	NA	NA	Sun 2/5/21	Mon 31/5/21	118 days 1 day	939										
941	Pier P04 @ CH1351	49 days	0 days	49 days	0%	Tue 2/3/21	Fri 30/4/21	NA	NA	Tue 1/6/21	Thu 29/7/21	73 days 1 day	938,922,211,940										
942	Stage 3: Bridge deck between CH1311-1351	145 days		145 days	0%	Fri 30/7/21	Fri 21/1/22	NA	NA	Fri 30/7/21	Sat 29/1/22	0 days 1 day											
943	CH1311-1351: Deck Falsework erection	21 days	-	21 days	0%	Fri 30/7/21	Mon 23/8/21		NA	Fri 30/7/21	Mon 23/8/21	0 days 3 days	941,922,879										
944	CH1311-1351: Structure deck	30 days		30 days	0%	Tue 24/8/21	Tue 28/9/21		NA	Tue 24/8/21	Tue 28/9/21	0 days 5 days	475,483,736,896										
945	CH1311-1351: Prestressing	21 days	-	21 days	0%	Mon 18/10/21			NA	Mon 18/10/21		0 days 3 days											
946	CH1311-1351: Utility Trough (0.67m per day per team) x 4 team				0%	Thu 11/11/21			NA	Fri 26/11/21	Mon 3/1/22	13 days 0.5 days											
		30 days		30 days																			
947	CH1311-1351: Central Median (6m per day per team) x 2 team	15 days		15 days	0%	Thu 11/11/21			NA	Wed 5/1/22	Fri 21/1/22	44 days 3 days											
948	CH1311-1351: Parapet (28m per day per team) x 2 team + 6 day concreting	16 days		16 days	0%	Thu 23/12/21			NA	Tue 4/1/22	Fri 21/1/22	7 days 1 day	945,888,890,946										
949	CH1311-1351: Road Furniture	7 days		7 days	0%	Fri 14/1/22	Fri 21/1/22		NA	Sat 22/1/22	Sat 29/1/22	7 days 1 day	947,358,948										
950	Part 1 - CH1372 to CH1386	149 days	s 0 days	149 days	0%	Mon 23/8/21	Tue 22/2/22	NA	NA	Mon 23/8/21	Tue 1/3/22	0 days					 						
951	Bridge deck between CH1351-1386	149 days	s 0 days	149 days	0%	Mon 23/8/21	Tue 22/2/22	NA	NA	Mon 23/8/21	Tue 1/3/22	0 days											
952	CH1351-1386: Deck Falsework erection	22 days	0 days	22 days	0%	Mon 23/8/21	Thu 16/9/21	NA	NA	Mon 23/8/21	Thu 16/9/21	0 days 4 days	941,922,898FS+										
953	CH1351-1386: Structure deck	30 days	0 days	30 days	0%	Fri 17/9/21	Mon 25/10/2	1 NA	NA	Fri 17/9/21	Mon 25/10/21	0 days 5 days	952,736,976										
954	CH1351-1386: Prestressing	14 days	0 days	14 days	0%	Thu 11/11/21	Fri 26/11/21	NA	NA	Thu 11/11/21	Fri 26/11/21	0 days 5 days	953FS+14 days,					T					
955	CH1351 - CH1386: Utility Trough (0.67m per day per team) x 4 team	30 days	0 days	30 days	0%	Sat 27/11/21	Tue 4/1/22	NA	NA	Sat 27/11/21	Tue 4/1/22	0 days 3 days	219,954										
956	CH1351 - CH1386: Central Median (6m per day per team) x 1 team	15 days	0 days	15 days	0%	Sat 27/11/21	Tue 14/12/21	NA	NA	Sat 27/11/21	Tue 14/12/21	0 days 3 days	954					T					
957	CH1351 - CH1386: Parapet (28m per day per team) x 1 team + 6 day	20 days	0 days	20 days	0%	Wed 5/1/22	Thu 27/1/22	NA	NA	Wed 12/1/22	Mon 7/2/22	6 days 4 days	955										
958	concreting CH1351-1386 Falsework removal	19 days	0 days	19 days	0%	Fri 28/1/22	Tue 22/2/22	NA	NA	Tue 8/2/22	Tue 1/3/22	6 days 1 day	955,957										
959	CH1351 - CH1386: Road Furniture (Section 1)	8 days	0 days	8 days	0%	Fri 28/1/22	Wed 9/2/22	NA	NA	Mon 14/2/22	Tue 22/2/22	11 days 2 day	956,358,957										
960	Part 1 - CH1386 to CH1394 South Abutment	352 days		352 days	0%	Fri 3/7/20	Sat 4/9/21		NA	Sat 25/7/20	Thu 16/9/21	10 days											
961	Bored Pile (A02-BP2) @ CH1386 by Rig 1	42 days		42 days	0%	Fri 3/7/20	Thu 20/8/20		NA	Sat 25/7/20	Fri 11/9/20	19 days 3 days	831FS+12 days	🕌									
962	Bored Pile (A02-BP1) @ CH1386 by Rig 1	63 days		63 days	0%	Tue 28/7/20	Sat 10/10/20		NA	Wed 19/8/20	Tue 3/11/20	19 days 3 days											
963					0%	Mon 12/10/20			NA NA			19 days 3 days		1									
203	Pile Testing	35 days	o uays	35 days	070	1011 12/10/20	Sat 21/11/20	INA	INA	Wed 4/11/20	191011 14/12/20	17 uays 4 days	702										
itle: Rev.11 P	Prog with Progress	Summary			Inactive Mi			Duration-or	-		Start-only	E		emal Milesto	ne 💠			tical Split					
as of 22-May	r-20 Split Milestone ◆	Project Sun Inactive Tas			Inactive Sur Manual Tas			Manual SurManual Sur	mmary Rollup		Finish-only External Tasl	3	Dea Crit	dline				ogress mual Progres	pe.			_	

								tract No. ED														
Task N	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA		020 Q3	04 01	2021 Q2 Q	3 04		2022 Q3 Q	μ4 Ω1 ¹	2023 Q2 Q3
964	Proof-drilling Works	11 days		11 days	0%	Mon 23/11/20	Fri 4/12/20	NA	NA	Tue 2/2/21	Wed 17/2/21	58 days	2 days	963								
965	South Abutment	166 days	0 days	166 days	0%	Wed 3/2/21	Thu 26/8/21	NA	NA	Thu 18/2/21	Tue 7/9/21	10 days		968SS,964				-				
966	South Abutment ELS- Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 4/1/21	Mon 4/1/21	NA	NA	Tue 19/1/21	Tue 19/1/21	15 days	1 day			4 /1						
967	South Abutment ELS - Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 4/1/21	Tue 2/2/21	NA	NA	Tue 19/1/21	Wed 17/2/21	15 days	1 day	966		<u> </u>						
968	Drive sheetpile (~900m) Prod. Rate: 10m/d/team	11 days	0 days	11 days	0%	Wed 3/2/21	Thu 18/2/21	NA	NA	Thu 18/2/21	Tue 2/3/21	10 days	2 days	964,967,980								
969	Excavation ~1,344m3 & lateral support. Prod. Rate: 160m3/day/team	11 days		11 days	0%	Fri 19/2/21	Wed 3/3/21		NA	Mon 22/3/21	Tue 6/4/21	26 days		968								
970	Blinding layer		0 days		0%	Thu 4/3/21	Thu 4/3/21		NA	Wed 7/4/21	Wed 7/4/21	26 days		969			<u> </u>					
				1 day										909								
971	South Abutment Formwork- Design and Method Statement Submission			0 days	0%	Mon 21/12/20			NA	Tue 9/3/21	Tue 9/3/21	78 days				21/1	2					
972	South Abutment Formwork - Design and Method Statement Comment & Appraoval	30 days		30 days	0%	Mon 21/12/20		NA	NA	Tue 9/3/21	Wed 7/4/21	78 days	-	971								
973	Base Slab	36 days	0 days	36 days	0%	Wed 17/3/21	Fri 30/4/21	NA	NA	Thu 8/4/21	Fri 21/5/21	16 days	2 days	970,972,986								
974	Wall (3.85m thk). Prod. Rate: 18d/bay/team	39 days	0 days	39 days	0%	Mon 3/5/21	Fri 18/6/21	NA	NA	Sat 22/5/21	Thu 8/7/21	16 days	3 days	973								
975	Wall (0.5m thk)	52 days	0 days	52 days	0%	Sat 19/6/21	Thu 19/8/21	NA	NA	Fri 9/7/21	Tue 7/9/21	16 days	2 days	974								
976	Install bridge bearing	8 days	0 days	8 days	0%	Fri 27/8/21	Sat 4/9/21	NA	NA	Wed 8/9/21	Thu 16/9/21	10 days	1 day	975,736,822,965				7				
977	South Approach Ramp - CH1394-1444.7 - Total 8 bays (4 bay/side)	259 days	0 days	259 days	0%	Mon 21/9/20	Fri 6/8/21	NA	NA	Sun 15/11/20	Sat 4/12/21	45 days			$\ \ $							
978	South Approach Ramp ELS - Temp. Works Design and Method Statement	0 days	0 days	0 days	0%	Mon 21/9/20	Mon 21/9/20	NA	NA	Sun 15/11/20	Sun 15/11/20	55 days	1 day			21/9						
979	Submission South Approach Ramp ELS - Temp. Works Design and Method Statement	30 days	0 days	30 days	0%	Mon 21/9/20	Tue 20/10/20) NA	NA	Sun 15/11/20	Mon 14/12/20	55 days	1 day	978								
980	Comment & Approval Drive sheetpile (~240m) Prod. Rate: 10m/d/team	26 days		26 days	0%	Mon 23/11/20			NA	Tue 15/12/20	Sat 16/1/21	19 days	-	979,962,963								
981	Excavation ~2,688m3 & lateral support. Prod. Rate: 160m3/day/team	19 days		19 days	0%	Wed 23/12/20			NA	Mon 18/1/21	Mon 8/2/21	19 days		980								
													_									
982	Rock Replacement	7 days		7 days	0%	Sun 17/1/21	Sat 23/1/21		NA	Tue 9/2/21	Mon 15/2/21	23 days		981								
983	Blinding layer. Prod. Rate: 2bays/day	1 day	0 days	1 day	0%	Mon 25/1/21	Mon 25/1/21	NA	NA	Tue 16/2/21	Tue 16/2/21	16 days	1 day	981,982		III II F						
984	Sourth Approach - Formworks Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Mon 18/1/21	Mon 18/1/21	48 days	1 day			♠ 1/12						
085	South Approach Ramp Formworks Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Tue 1/12/20	Wed 30/12/2	0 NA	NA	Mon 18/1/21	Tue 16/2/21	48 days	1 day	984								
986	6 x Base Slab Prod. Rate: 12d/bay/team x 2 teams	40 days	0 days	40 days	0%	Tue 26/1/21	Tue 16/3/21	NA	NA	Wed 17/2/21	Wed 7/4/21	16 days	4 days	983,985,244			$\mathbb{K}[[\cdot]]$					
87	6 x Wall. Prod. Rate: 12d/bay/team x 3 level x 2 teams	78 days	0 days	78 days	0%	Wed 17/3/21	Tue 22/6/21	NA	NA	Mon 28/6/21	Tue 28/9/21	82 days	6 days	986				_				
88	Backfilling ~4,765.89m3 within approach ramp to formation level (160m3/day) +12d shoring removal x 2 (considered time for SRT)	38 days	0 days	38 days	0%	Wed 23/6/21	Fri 6/8/21	NA	NA	Fri 22/10/21	Sat 4/12/21	100 days	2 days	987								
989	CH1386-1444: South Approach Ramp (50m): Parapet, Central Median & Furniture	43 days	0 days	43 days	0%	Wed 15/12/21	Wed 9/2/22	NA	NA	Wed 15/12/21	Wed 9/2/22	0 days		988				Υ.	••• • ••••••			
990	CH1386-1444: Central Median and Utilities Trough (5m per day per team) x 1	23 days		23 days	0%	Wed 15/12/21	Thu 13/1/22	NA	NA	Wed 15/12/21	Thu 13/1/22	0 days	2 davs	253,956								
991	team CH1386-1444: Parapet (10m per day per team) x 2 team + 2 team x 6 day	13 days		13 days	0%	Fri 14/1/22	Fri 28/1/22		NA	Fri 14/1/22	Fri 28/1/22	-	-	988,253,990								
992	concreting CH1386-1444: Road Furniture	7 days			0%	Sat 29/1/22	Wed 9/2/22		NA	Sat 29/1/22	Wed 9/2/22	-		990,358,991								
				7 days								-	-									
993	CH1087 - 1444: Bitumen Paving and Lighting	60 days		60 days	0%	Thu 30/12/21			NA	Wed 15/12/21	Tue 1/3/22	-11 days	1 day	813,884,892FF,9				1				
94	2.6 Utility Laying	1 day?		1 day?	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1840 d										
995	CH1087-1311 (224m): Utility Laying (by Others) (Agreed)	63 days	0 days	63 days	0%	Wed 29/12/21	Tue 1/3/22	NA	NA	Wed 29/12/21	Tue 1/3/22	0 days										
96	CLP (132kV)	63 days	0 days	63 days	0%	Wed 29/12/21	Tue 1/3/22	NA	NA	Wed 29/12/21	Tue 1/3/22	0 days	1 day	899,955SS+32 d				HAIL HAIL				
997	CLP (11kV)	63 days	0 days	63 days	0%	Wed 29/12/21	Tue 1/3/22	NA	NA	Wed 29/12/21	Tue 1/3/22	0 days	1 day	996SS				≯ ii				
998	HKCG	53 days	0 days	53 days	0%	Wed 29/12/21	Sat 19/2/22	NA	NA	Sat 8/1/22	Tue 1/3/22	10 days	1 day	997SS				•				
999	CATV	23 days	0 days	23 days	0%	Wed 29/12/21	Thu 20/1/22	NA	NA	Thu 3/2/22	Fri 25/2/22	36 days	1 day	998SS				*				
1000	Towngas telecom	27 days		27 days	0%	Wed 29/12/21			NA	Thu 3/2/22	Tue 1/3/22	36 days	1 day	999SS								
1001	PCCW-HKT	23 days		23 days	0%	Wed 29/12/21			NA	Sun 6/2/22	Mon 28/2/22	39 days	_	1000SS								
.002	Fresh and Salt Watermains (by POC)	24 days		24 days	0%	Wed 29/12/21			NA	Sun 6/2/22	Tue 1/3/22	39 days	-	1001SS								
													ı udy	100100								
1003	CH1311-1396 (85m): Utility Laying (by Others) (Agreed)	84 days		84 days	0%		Wed 29/12/2		NA	Fri 4/2/22	Tue 1/3/22	62 days										
1004	CLP (11kV)	26 days		26 days	0%	Wed 5/1/22	Sun 30/1/22		NA	Fri 4/2/22	Tue 1/3/22	30 days	-	899,955								
1005	PCCW-HKT	18 days	0 days	18 days	0%	Wed 5/1/22	Sat 22/1/22	NA	NA	Sat 12/2/22	Tue 1/3/22	38 days	1 day	1004SS								
1006	Sat and Fresh Watermain (by POC)	18 days	0 days	18 days	0%	Wed 5/1/22	Sat 22/1/22	NA	NA	Sat 12/2/22	Tue 1/3/22	38 days	1 day	1005SS								
1007	Underpass and Depressed Road	619 days	142.15 days	476.85 days	0%	Tue 3/9/19	Mon 4/10/21	Tue 3/9/19	NA	Tue 3/9/19	Tue 1/3/22	120 days										
itle: Rev.11	Prog with Progress Task	Summary			Inactive M	Tilestone 🔷		Duration-o	nly		Start-only		C	External M	ilestone	♦		Critical Sp	lit			
as of 22-Ma	av-20 Split	Project Sun			Inactive St			Manual Su Manual Su	mmary Rollup		Finish-only]	Deadline		Φ.		Progress				
	Milestone	Inactive Ta	or.		Manual Ta	ion.		iviandai Su	нина у		External Tas	cae		Critical				Manual Pr	ogicss			

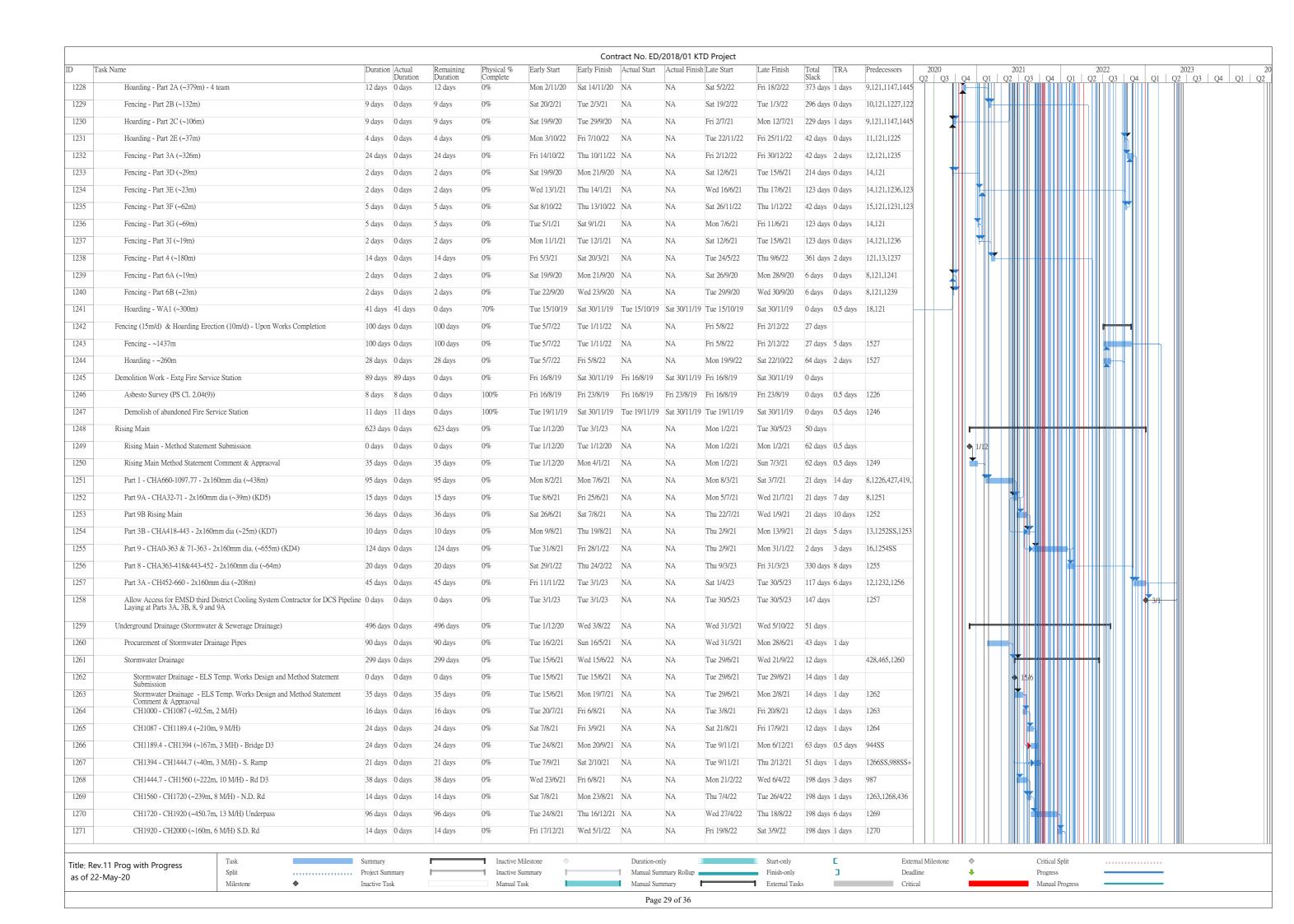
		1-	1.							D Project	-			L .						$\overline{}$	$\overline{}$			$\overline{}$
Task Na	ame	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack		Predecessors	2020 Q2 Q3	Q4	Q1	2021 Q2 Q	3 0	4 O1	20 Q2	2022 Q3	Q4	Q
08	North Depressed Rd (CH1560-1720)	562 days	211.42 days	350.58 days	0%	Tue 3/9/19	Tue 27/7/21	Tue 3/9/19	NA	Tue 3/9/19	Tue 1/3/22	177 days	3											
09	Ground Monitoring Works	17 days	17 days	0 days	100%	Tue 3/9/19	Thu 19/9/19	Tue 3/9/19	Thu 19/9/19	Tue 3/9/19	Thu 19/9/19	0 days	2 days											
10	Mobilization	7 days	7 days	0 days	100%	Fri 1/11/19	Fri 8/11/19	Fri 1/11/19	Fri 8/11/19	Fri 1/11/19	Fri 8/11/19	0 days	0 days									1		
11	Complete the Diveration of Existing Overhang Cable along the North Depressed	1 day	1 day	0 days	100%	Sat 26/10/19	Sat 26/10/19	Sat 26/10/19	Sat 26/10/19	Sat 26/10/19	Sat 26/10/19	0 days	0.5 days									1		
2	Drive Sheet Pile (380m, 15,000m penetration depth) Prod. Rate by 2 teams	39 days	39 days	0 days	100%	Fri 22/11/19	Thu 9/1/20	Fri 22/11/19	Thu 9/1/20	Fri 22/11/19	Thu 9/1/20	0 days	0.5 days	1009,1010,1011								1		
	(around 125m penetration depth per day per team)																					1		
13	Pumping Test	120 days	75 days	45 days	0%	Thu 20/2/20	Fri 17/7/20	Thu 20/2/20	NA	Thu 20/2/20	Sat 18/7/20	1 day	0.5 days	1012								1		
4	CH1560 - CH1720 North Depress Road	449 days	98.66 days	350.34 days	0%	Mon 20/1/20	Tue 27/7/21	Mon 20/1/20	NA	Mon 20/1/20	Tue 1/3/22	177 days	3									1		
15	Excavation with Shoring Installation - Prod Rate: 270m3/d/team. (~36,611m3). 1 team	145 days	98 days	47 days	0%	Mon 20/1/20	Sat 18/7/20	Mon 20/1/20	NA	Mon 20/1/20	Sat 18/7/20	-11 days	1 day	1012								1		
6	CNCE No. 73 - April 2020 Inclement Weather	8 days	0 days	8 days	0%	Mon 20/7/20	Tue 28/7/20	NA	NA	Tue 7/7/20	Wed 15/7/20	-11 days		1015,73								1		
.7	May 2020 - Inclement Weather	3 days	0 days	3 days	0%	Wed 29/7/20	Fri 31/7/20	NA	NA	Thu 16/7/20	Sat 18/7/20	-11 days		1016,74								1		
18	Rock Fill Replacement (Final Level)	6 days	0 days	6 days	0%	Sat 1/8/20	Fri 7/8/20	NA	NA	Mon 20/7/20	Sat 25/7/20	-11 days		1013,1015,1017	#									
19	6 Bay Base Slabs + 3 Levels Wall Both Sides	55 days	0 days	55 days	0%	Wed 3/6/20	Fri 7/8/20	NA	NA	Thu 21/5/20	Sat 25/7/20	-11 days		1015SS+107 day										
20	Base Slab and Wall Below 4th Level Shoring	25 days	0 days	25 days	0%	Sat 8/8/20	Sat 5/9/20	NA	NA	Mon 27/7/20	Mon 24/8/20	-11 days	0.5 days	1019,1015,1018	🛓									
21	Backfilling and 4th Level Shoring Removal	18 days		18 days	0%	Mon 7/9/20	Sat 26/9/20	NA	NA	Tue 25/8/20	Mon 14/9/20	-11 days		1020										
22	Wall Construction (between 3rd and 4th levels shoring) and Remaining Base			24 days	0%	Mon 28/9/20	Wed 28/10/20		NA	Tue 15/9/20	Wed 14/10/20			1021										
23	Slab Backfilling and 3rd Level Shoring Removal	18 days		18 days	0%	Thu 29/10/20			NA	Thu 15/10/20	Thu 5/11/20	-11 days		1022										
24	Structure Works Below 2nd & 3rd Levels Shoring	23 days		23 days	0%		Tue 15/12/20		NA	Fri 6/11/20	Wed 2/12/20	-11 days		1023										
25	Backfilling and 2nd Level Shoring Removal	18 days		18 days	0%	Wed 16/12/20		NA	NA	Thu 3/12/20	Wed 23/12/20			1024								1		
26	Remaining Wall Construction	30 days	0 days	30 days	0%	Sat 9/1/21	Tue 16/2/21	NA	NA	Thu 24/12/20	Sat 30/1/21	-11 days		1025								1		
27	Backfill & extract sheet pile (CH1560 to CH1720)	26 days	0 days	26 days	0%	Wed 17/2/21	Thu 18/3/21	NA	NA	Mon 1/2/21	Fri 5/3/21	-11 days	1 day	1026								1		
28	Emergency walkway & median barrier installation	20 days	0 days	20 days	0%	Tue 1/6/21	Thu 24/6/21	NA	NA	Mon 3/1/22	Tue 25/1/22	177 days	2 days	1027				T				1		
29	Parapet installation	27 days	0 days	27 days	0%	Fri 25/6/21	Tue 27/7/21	NA	NA	Wed 26/1/22	Tue 1/3/22	177 days	3 days	1028								1		
0	CH1720 - CH1850 (130m long) (2 x teams)	477 days	0 days	477 days	0%	Mon 15/6/20	Mon 4/10/21	NA	NA	Mon 15/6/20	Mon 4/10/21	0 days			r							1		
31	Drive sheet pile (approx. 17000m penetration depth, 380m/day)	46 days	0 days	46 days	0%	Mon 15/6/20	Sat 8/8/20	NA	NA	Mon 15/6/20	Sat 8/8/20	0 days	2 day									1		
2	Pumping Test	22 days	0 days	22 days	0%	Mon 10/8/20	Thu 3/9/20	NA	NA	Mon 10/8/20	Thu 3/9/20	0 days	1 days	1031,1045								1		
3	CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with	42 days	0 days	42 days	0%	Fri 4/9/20	Sat 24/10/20	NA	NA	Fri 4/9/20	Sat 24/10/20	0 days	2 day	1032								1		
	Shoring Installation = 23,000 cu.m. (320m3/d/team x 2)																					1		
34	CH1720 - CH1850 (130m long) (2 x teams) Bottom Portion: Excavation with Shoring Installation = 23,876 cu.m. (250m3/d/team x 2)	52 days	0 days	52 days	0%	Tue 27/10/20	Mon 28/12/20	NA	NA	Tue 27/10/20	Mon 28/12/20	0 days	1 day	1033								1		
35	Rock fill - Prod. Rate: (3,469m3) (160m3/d/team. 2 team)	6 days	0 days	6 days	0%	Tue 29/12/20	Tue 5/1/21	NA	NA	Tue 29/12/20	Tue 5/1/21	0 days	1 day	1033,1034								1		
36	Base Slab - 8 bays. Prod. Rate: 12d/team/bay include pipe laying. 4 teams	26 days		26 days	0%	Wed 3/3/21	Thu 1/4/21		NA	Wed 3/3/21	Thu 1/4/21	0 days		1035,1042,262								1		
37	Wall - 8 bays. Prod. Rate: 3 level of shoring 12d/bay/level/team. 4 teams				0%		Tue 6/7/21											.				1		
		75 days		75 days		Tue 6/4/21			NA	Tue 6/4/21	Tue 6/7/21			1036								1		
38	Top Slab - 8 bays. Prod. Rate: 18d/team/bay, 4 teams	38 days		38 days	0%	Wed 7/7/21	Thu 19/8/21		NA	Wed 7/7/21	Thu 19/8/21			1037					ĴШ			1		
39	Falsework Removal	37 days		37 days	0%	Fri 20/8/21	Mon 4/10/21		NA	Fri 20/8/21	Mon 4/10/21		2 day	1038								1		
40	Sheetpile Extraction and Backfill	13 days	0 days	13 days	0%	Fri 20/8/21	Fri 3/9/21	NA	NA	Fri 17/9/21	Mon 4/10/21	24 days	1 day	1038								1		
41	Underground Plant Room next to Underpass	45 days	0 days	45 days	0%	Wed 6/1/21	Tue 2/3/21	NA	NA	Wed 6/1/21	Tue 2/3/21	0 days										1		
42	Underground pump house structure	45 days	0 days	45 days	0%	Wed 6/1/21	Tue 2/3/21	NA	NA	Wed 6/1/21	Tue 2/3/21	0 days	3 day	714,1035,262,28			4					1		
43	Underpass & South Depressed Road CH1850-1950 - (100m long) 8 bays x 13.5m long	120 days	65.36 days	54.64 days	0%	Wed 26/2/20	Thu 23/7/20	Wed 26/2/20	NA	Wed 26/2/20	Sat 8/8/20	14 days										1		
44	Drive sheet pile (12,530m embedded length sheetpile) Prod. Rate 380m/team/day	32 days	32 days	0 days	100%	Wed 26/2/20	Mon 6/4/20	Wed 26/2/20	Mon 6/4/20	Wed 26/2/20	Mon 6/4/20	0 days	5 days		h							1		
45	Pumping Test	80 days	29 days	51 days	36%	Fri 17/4/20	Thu 23/7/20	Fri 17/4/20	NA	Fri 17/4/20	Sat 8/8/20	14 days	2 days	1044		$\mathbb{H} \mathbb{H}$						1		
46	Underpass & South Depress Road (CH1850 to CH1950)	539 days	27.64 days	511.36 days	0%	Thu 23/4/20	Wed 13/10/21	Thu 23/4/20	NA	Thu 23/4/20	Tue 1/3/22	139 days	3											
17	Excavation with Shoring Installation (Upper Portion) - Prod. Rate: 270m3/d/team. 1	80 days	24 days	56 days	23%	Thu 23/4/20	Thu 30/7/20	Thu 23/4/20	NA	Thu 23/4/20	Fri 4/9/20	31 days	5 days	1045SS+6 days	•									
48	team 16,000m3) Excavation with Shoring Installation (Lower Portion) - Prod. Rate: 270m3/d/team. 1	65 days	0 days	65 days	0%	Fri 31/7/20	Fri 16/10/20	NA	NA	Sat 5/9/20	Mon 23/11/20	31 days	5 day	1047,1045FF+12										
49	team 16,000m3) Rock fill - Prod. Rate: 160m3/d/team (1,745m3)		0 days	7 days	0%	Sat 17/10/20	Sat 24/10/20		NA	Tue 24/11/20	Tue 1/12/20	31 days		days 1047,1048			ЩЩ							
50	Blinding		0 days	1 day	0%		Tue 27/10/20		NA	Wed 2/12/20	Wed 2/12/20		0.5 days											
		1 day	o days	2 dily	070	1 40 21110120	140 21110120	1111	1771			J1 days	o.J unys	2017								Ш		Ш
O. Dov 11	Progwith Progress Task	Summary			Inactive M	ilestone \diamondsuit		Duration-or	nly		Start-only		С	Exte	mal Milestone	\$			Critic	cal Split				
e: Kev.111 of 22-May	Prog with Progress	Project Sun	nmary		Inactive Su	immary		Manual Sur	nmary Rollup =		Finish-only		3	Dead	illine	1			Progre	ess		_		_

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Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Fin	ish Late Start	Late Finish	Total TRA Slack	Predecessors 202 Q2		Q1 Q2 C	Q3 Q4 Q1	2022 Q2 Q3 Q	Q4_ Q1	2023 Q2 Q3
051	Underpass Formworks Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 14/9/20	Mon 14/9/20	NA	NA	Tue 3/11/20	Tue 3/11/20	50 days 1 day		4 14/9					
052	Underpass Formworks Design and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 14/9/20	Tue 13/10/20	NA	NA	Tue 3/11/20	Wed 2/12/20	50 days 1 day	1051						
053	Casting base slab (12d/bay/team x 3) (6 bays)	26 days	0 days	26 days	0%	Wed 28/10/20	Thu 26/11/20	NA	NA	Thu 3/12/20	Tue 5/1/21	31 days 2 day	1050,1052,262						
054	Waterproofing & Bacfilling before S3 Shoring Removal	12 days	0 days	12 days	0%	Fri 27/11/20	Thu 10/12/20	NA	NA	Wed 6/1/21	Tue 19/1/21	31 days 1 day	1053						
055	S3 Shoring ELS Removal + North/South End Re-propping	7 days	0 days	7 days	0%	Fri 11/12/20	Fri 18/12/20	NA	NA	Wed 20/1/21	Wed 27/1/21	31 days 1 day	1054						
056	Wall Construction up to soffit of S2 Shoring (12d/bay/team x 3) (6 bays)	24 days	0 days	24 days	0%	Sat 19/12/20	Tue 19/1/21	NA	NA	Thu 28/1/21	Sat 27/2/21	31 days 2 day	1055						
057	Waterproofing & Bacfilling before S2 Shoring Removal	12 days	0 days	12 days	0%	Wed 20/1/21	Tue 2/2/21	NA	NA	Mon 1/3/21	Sat 13/3/21	31 days 1 day	1056						
058	S2 Shoring ELS Removal + North/South End Re-propping	7 days	0 days	7 days	0%	Wed 3/2/21	Wed 10/2/21	NA	NA	Mon 15/3/21	Mon 22/3/21	31 days 1 day	1057		K III				
059	Wall Construction up to soffit of S1 Shoring (12d/bay/team x 3) (6 bays)	24 days	0 days	24 days	0%	Thu 11/2/21	Sat 13/3/21	NA	NA	Tue 23/3/21	Thu 22/4/21	31 days 2 day	1058						
060	Waterproofing & Bacfilling before S1 Shoring Removal	12 days	0 days	12 days	0%	Mon 15/3/21	Sat 27/3/21	NA	NA	Fri 23/4/21	Fri 7/5/21	31 days 1 day	1059						
061	S1 Shoring ELS Removal + North/South End Re-propping	7 days		7 days	0%	Mon 29/3/21	Thu 8/4/21	NA	NA	Sat 8/5/21	Sat 15/5/21	31 days 1 day	1060		Y				
062	Scaffold erection for roof slab	24 days		24 days	0%	Fri 9/4/21	Fri 7/5/21	NA	NA	Mon 17/5/21	Tue 15/6/21	31 days 2 day	1061						
063	Roof slab construction (18d/bay/team x 3) (6 bays)	42 days		42 days	0%	Sat 8/5/21	Mon 28/6/21		NA	Wed 16/6/21	Wed 4/8/21	31 days 4 days	1062						
064	Waterproofing & Backfilling upto tunnel top	28 days		28 days	0%	Tue 29/6/21	Sat 31/7/21		NA	Thu 5/8/21	Mon 6/9/21	31 days 4 days	1063						
065																			
	Scaffold removal after 28 days from casting	22 days		22 days	0%	Mon 26/7/21	Thu 19/8/21		NA	Thu 13/1/22	Thu 10/2/22	141 days 1 day	1063FS+22 days						
066	Sheetpile extraction (Ch1851-CH1950)	22 days		22 days	0%	Mon 2/8/21	Thu 26/8/21		NA	Tue 7/9/21	Mon 4/10/21	31 days 1 day	1064						
067	Emergency walkway & median barrier installation		0 days	9 days	0%	Fri 24/9/21	Tue 5/10/21		NA	Fri 11/2/22	Mon 21/2/22	112 days 1 day	323,1066,1040,1						
068	Parapet installation	7 days	0 days	7 days	0%	Wed 6/10/21	Wed 13/10/2	1 NA	NA	Tue 22/2/22	Tue 1/3/22	112 days 1 day	1067						
069	CH1950 - CH2020 (70m long) (2 x teams) 4 bays x 17.5m long - Average 3 layers of shoring	209 days	o days	209 days	0%	Fri 19/3/21	Mon 29/11/2	1 NA	NA	Sat 6/3/21	Tue 1/3/22	-11 days							
070	Drive sheet pile (approx. 8,800m embedded length sheetpile), 380m/team/day	24 days	0 days	24 days	0%	Fri 19/3/21	Mon 19/4/21	NA	NA	Sat 6/3/21	Tue 6/4/21	-11 days 1 day	1027		<u> </u>				
071	Excavation with Shoring Installation - Prod. Rate: 2 teams x 250m3/d/team. (14,500m3)	30 days	0 days	30 days	0%	Tue 20/4/21	Wed 26/5/21	NA	NA	Wed 7/4/21	Wed 12/5/21	-11 days 1 day	1049,1070						
072	Rock Fill Replacement	6 days	0 days	6 days	0%	Thu 27/5/21	Wed 2/6/21	NA	NA	Thu 13/5/21	Thu 20/5/21	-11 days 0.5 days	1071		i i i				
073	Blinding	1 day	0 days	1 day	0%	Thu 3/6/21	Thu 3/6/21	NA	NA	Fri 21/5/21	Fri 21/5/21	-11 days 0.5 days	1071,1072						
074	Base Slab - 4 bays. Prod. Rate: 12d/team/bay include pipe laying. 2 team	26 days	0 days	26 days	0%	Fri 4/6/21	Tue 6/7/21	NA	NA	Sat 22/5/21	Tue 22/6/21	-11 days 2 days	1073		1				
075	Wall - 4 bays. Prod. Rate: 3 level of shoring 12d/bay/level/team. 2 teams	67 days	0 days	67 days	0%	Wed 16/6/21	Thu 2/9/21	NA	NA	Wed 2/6/21	Fri 20/8/21	-11 days 6 days	1074SS+9 days		-	■			
076	Backfill & extract sheet pile (CH1950 to CH2020)	25 days	0 days	25 days	0%	Fri 3/9/21	Mon 4/10/21	NA	NA	Sat 21/8/21	Sat 18/9/21	-11 days 2 days	1075						
077	CH1950 to CH2020: Emergency walkway & median barrier installation	20 days	0 days	20 days	0%	Tue 5/10/21	Thu 28/10/21	NA	NA	Mon 3/1/22	Tue 25/1/22	73 days 2 days	1075,1076			₩.			
078	CH1950 to CH2020: Pavement work	7 days	0 days	7 days	0%	Fri 29/10/21	Fri 5/11/21	NA	NA	Wed 26/1/22	Sat 5/2/22	73 days 1 day	1077			X			
079	CH1950 to CH2020: Parapet installation	20 days	0 days	20 days	0%	Sat 6/11/21	Mon 29/11/2	1 NA	NA	Mon 7/2/22	Tue 1/3/22	73 days 2 day	1076,1077,1078			N P			
080	South Depressed Road CH2020-2050 (40m long) (2 x teams) 5 bays x 13.5m long -	134 days	o days	134 days	0%	Mon 2/8/21	Tue 11/1/22	NA	NA	Sun 5/9/21	Tue 1/3/22	30 days							
081	Average 2 layers of shoring Open Excavation	17 days		17 days	0%	Tue 5/10/21	Mon 25/10/2	1 NA	NA	Mon 20/9/21	Mon 11/10/21	-11 days 3 days	1076						
082	Blinding	2 days		2 days	0%	Tue 26/10/21	Wed 27/10/2		NA	Tue 12/10/21		-11 days 0 days							
083	South Depress Road - Formworks Design and Method Statement Submission	0 days		0 days	0%	Mon 2/8/21	Mon 2/8/21		NA	Sun 5/9/21	Sun 5/9/21	34 days 1 day				2/8			
084	South Depress Road - Formworks Design and Method Statement Comment &	40 days		40 days	0%	Mon 2/8/21	Fri 10/9/21		NA	Sun 5/9/21	Thu 14/10/21		1083						
085	Appraoval Base Slab - 3 bays. Prod. Rate: 12d/team/bay include pipe laying, 2 teams				0%	Thu 28/10/21				Fri 15/10/21	Thu 14/10/21 Thu 28/10/21		1082,1084,314						
		12 days		12 days					NA										
086	Wall - 3 bays. Prod. Rate: 2 level of shoring 12d/bay/level/team. 2 teams	12 days		12 days	0%	Fri 12/11/21	Thu 25/11/21		NA	Sat 30/10/21	Fri 12/11/21	-11 days 0.5day	1085SS+13 days			71			
087	Wall - 3 bays. Prod. Rate: 2 level of shoring 12d/bay/level/team. 2 teams	12 days		12 days	0%	Sat 20/11/21	Fri 3/12/21		NA	Mon 8/11/21	Sat 20/11/21	-11 days 0.5day	1086SS+7 days						
088	Backfill & extract sheet pile	19 days		19 days	0%	Fri 26/11/21	Fri 17/12/21		NA	Fri 14/1/22	Tue 8/2/22	39 days 1 day	1086						
089	Curing and Formwork Ramoval	19 days		19 days	0%	Fri 26/11/21	Fri 17/12/21		NA	Thu 30/12/21	Fri 21/1/22	27 days 1 day	1086						
090	Emergency walkway & median barrier installation	6 days	0 days	6 days	0%	Sat 18/12/21	Fri 24/12/21	NA	NA	Wed 9/2/22	Tue 15/2/22	39 days 2 days	1086,1088,323						
091	Pavement work	6 days	0 days	6 days	0%		Tue 4/1/22	NA	NA	Wed 16/2/22	Tue 22/2/22	39 days 1 day	1090						
092	Parapet installation	6 days	0 days	6 days	0%	Wed 5/1/22	Tue 11/1/22	NA	NA	Wed 23/2/22	Tue 1/3/22	39 days 1 day	1090,1088,1091						
093	5.0 CH1386-1950 (564m): Utlity Laying Team 2 (by Others)	332 days	0 days	332 days	0%	Sat 17/4/21	Mon 14/3/22	NA	NA	Thu 19/8/21	Tue 1/3/22	-13 days							
094	CLP (132kV)	30 days	0 days	30 days	0%	Fri 14/1/22	Sat 12/2/22	NA	NA	Mon 31/1/22	Tue 1/3/22	17 days 1 day	946,990,1027						
095	HKCG	18 days	0 days	18 days	0%	Fri 14/1/22	Mon 31/1/22	NA	NA	Tue 25/1/22	Fri 11/2/22	11 days 1 day	946,990,1027						
	1 Drog with Drogress Task	Summary			Inactive N	filestone 🔷		Duration-o	nlv		Start-only	Е	External Miles	tone ♦	<u> </u>	Critical Split	<u></u>		
tle: Rev.1° s of 22-N	1 Prog with Progress	Project Sun	nmary		Inactive S				mmary Rollup		Finish-only	3	Deadline			Progress			

							Con	tract No. El	D/2018/01 KT	D Project											
D Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start			Actual Finish		Late Finish	Total TRA Slack		2020	04	2021	72 04		022		2023
1096	HGC	15 days		15 days	0%	Fri 21/1/22	Fri 4/2/22	NA	NA	Tue 1/2/22	Tue 15/2/22	11 days 1 day	1095SS+7 days,	2 Q3	Q4 Q	1 Q2	Q3 Q4	Q1 Q2	Q5Q2	Q1 Q2	2 Q3 C
1097	CATV	13 days	0 days	13 days	0%	Fri 28/1/22	Wed 9/2/22	NA	NA	Tue 8/2/22	Sun 20/2/22	11 days 1 day	1096SS+7 days				 				
1098	Towngas telecom	15 days	0 days	15 days	0%	Fri 4/2/22	Fri 18/2/22	NA	NA	Tue 15/2/22	Tue 1/3/22	11 days 1 day	1097SS+7 days				4				
1099	North & South Depress Raod and Underpass: Finishing and E&M Works	120 days	0 days	120 days	0%	Tue 5/10/21	Tue 1/3/22	NA	NA	Tue 5/10/21	Tue 1/3/22	0 days									
1100	Finishing & Fitting Out Work, and E&M Works Installation	120 days	0 days	120 days	0%	Tue 5/10/21	Tue 1/3/22	NA	NA	Tue 5/10/21	Tue 1/3/22	0 days 8 days	306,271,323,108								
1101	Pump Room Next to Underpass: Finishing and E&M Works	158 days	0 days	158 days	0%	Sat 17/4/21	Tue 26/10/21	NA	NA	Thu 19/8/21	Tue 1/3/22	102 days									
1102	Finishing Works and E&M installation	73 days	0 days	73 days	0%	Sat 17/4/21	Thu 15/7/21	NA	NA	Thu 19/8/21	Mon 15/11/21	102 days 3 days	1042FS+36 days			+					
1103	Pump Installation	60 days	0 days	60 days	0%	Fri 16/7/21	Fri 24/9/21	NA	NA	Tue 16/11/21	Thu 27/1/22	102 days 2 days	1102								
1104	Testing and Commissioning	25 days	0 days	25 days	0%	Sat 25/9/21	Tue 26/10/21	NA	NA	Fri 28/1/22	Tue 1/3/22	102 days 1 days	1102,1103				<u> </u>	<u></u> .			
1105	Planned Completion for Section 1	0 days	0 days	0 days	0%	Mon 14/3/22	Mon 14/3/22	NA	NA	Tue 1/3/22	Tue 1/3/22	-13 days	1408,1414,1068,					14/3			
1106	Sections 2,4 and 8	824 days	0 days	824 days	0%	Mon 10/8/20	Wed 17/5/23	NA	NA	Mon 17/8/20	Wed 29/5/24	6 days									
1107	Offsite 14 units of precast box culvert with outfall fabrication	100 days	0 days	100 days	0%	Mon 19/10/20	Fri 19/2/21	NA	NA	Thu 3/12/20	Thu 8/4/21	38 days 30 days	406,414								
1108	MDN application	45 days	0 days	45 days	0%	Mon 26/10/20) Wed 9/12/20	NA	NA	Sun 21/1/24	Tue 5/3/24	1182 d 1 days									
1109	Demolition of Existing Seawall an Construction of Water Channel (Ch 0 to Ch30)	67 days	0 days	67 days	0%	Thu 10/12/20	Thu 4/3/21	NA	NA	Wed 6/3/24	Wed 29/5/24	962 days				1					
1110	Installation of Silt Curtain with Concrete Sinkers	6 days		6 days	0%		Wed 16/12/20		NA	Thu 23/5/24	Wed 29/5/24	1023 d 1 day	1108								
1111	Demolition of Existing Seawall	37 days		37 days	0%	Thu 10/12/20			NA	Wed 6/3/24		962 days 1 day	1108								
1112	Grade 200 rock filing and placing levelling stone	30 days		30 days	0%	Tue 26/1/21		NA	NA	Tue 23/4/24		962 days 1 day	1111								
1113	CH86 to CH70 ELS Works	136 days		136 days	0%	Mon 10/8/20			NA	Mon 17/8/20	Sat 27/2/21	6 days			<u> </u>						
1114	Temporary Works Design Preparation	25 days		25 days	0%	Mon 10/8/20			NA	Mon 17/8/20	Mon 14/9/20	6 days 1 days									
1115	Comment by PM	25 days		25 days	0%	Tue 8/9/20	Thu 8/10/20		NA NA	Tue 15/9/20	Thu 15/10/20	6 days 1 days	1114								
1116	Sheetpiling Installation with Grouting & Pumping Test (56m long on plan)	50 days		50 days	0%	Fri 16/10/20	Mon 14/12/20		NA NA	Fri 16/10/20		0 days 1 day	1420,1423,1115								
1117	Excavation with Shoring Installation (1350 cu.m., 150 cu.m./d)	12 days		12 days	0%	Tue 15/12/20			NA	Tue 22/12/20	Thu 7/1/21	6 days 3 day	1116								
1117	Preparation of formation and laying of blinding layer	12 days		12 days 18 days	0%		Thu 21/1/21		NA	Thu 4/2/21	Sat 27/2/21	29 days 0.5 day	1117								
1119	CH70 to CH30 ELS Works				0%		Thu 21/1/21 Thu 7/1/21	NA NA		Mon 16/11/20	Thu 7/1/21		111/								
		43 days		43 days					NA NA			0 days	111600 25 3								
1120	Sheetpiling Installation (80m on plan) Excavation with Shoring Installation (4500 cu.m., 160 cu.m./d x 1 team) and	14 days		14 days	0%		Tue 1/12/20		NA	Mon 16/11/20	Tue 1/12/20	0 days 0.5 day									
1121	Excavation with Shoring Installation (4500 cu.m., 160 cu.m./d x 1 team) and Preparation of Formation and Laying of Blinding Layer	29 days	0 days	29 days	0%	wea 2/12/20	Thu 7/1/21	INA	NA	wed 2/12/20	111U //1/21	0 days 1 day	1120								
1122	DCS Seawater Intake (Insitu Section Bay 15)	41 days	0 days	41 days	0%	Fri 8/1/21	Sat 27/2/21	NA	NA	Fri 8/1/21	Sat 27/2/21	0 days 1 days				t					
1123	Construction of Cast in-situ Box Culvert with feeder pipe installation with	41 days	0 days	41 days	0%	Fri 8/1/21	Sat 27/2/21	NA	NA	Fri 8/1/21	Sat 27/2/21	0 days 1 day	1117,1121			-					
	Connection to Extisting Box Culvert(Bay 15, approx. 12m long)																				
1124	Precast Units Installation	151 days		151 days	0%	Mon 1/3/21	Tue 31/8/21		NA	Mon 1/3/21	Tue 30/5/23	0 days	4400 (111				7				
1125	Preparation for Connecting Precast Units and Cast In-situ Bay 15	6 days		6 days	0%	Mon 1/3/21	Sat 6/3/21	NA	NA	Mon 1/3/21	Sat 6/3/21	0 days 1 days	1123,1118								
1126	Installation of 14 precast units with feeder pipe installation (2.5 days per unit)	37 days		37 days	0%	Mon 8/3/21	Thu 22/4/21		NA	Mon 8/3/21	Thu 22/4/21	0 days 2 days	1125,1107SS+75 days								
1127	Inspection Shaft Construction and Backfilling Upto +2.0mPD + Feeder Pipe Laying + Backfilling upto Final Formation Level	33 days	0 days	33 days	0%	Fri 23/4/21	Wed 2/6/21	NA	NA	Fri 23/4/21	Wed 2/6/21	0 days 0.5 day	1126								
1128	Seawall Reinstatement	75 days	0 days	75 days	0%	Thu 3/6/21	Tue 31/8/21	NA	NA	Sat 25/2/23	Tue 30/5/23	518 days 2 days	1127								
1129	Section 4: Part 2E	225 days		225 days	0%	Mon 15/8/22			NA	Sat 10/9/22	Tue 30/5/23	10 days								<u> </u>	
1130	Abandon Existing DCS - Temp. Works Design and Method Statement Submission		-	0 days	0%	Mon 15/8/22			NA	Sat 10/9/22	Sat 10/9/22	26 days 1 day							♦ 1078		
1131	Abandon Existing DCS - Temp. Works Design and Method Statement Comment &		_	35 days	0%	Mon 15/8/22			NA	Sat 10/9/22	Fri 14/10/22	26 days 1 day	1130								
1132	Appraoval Part 2E - Abandon of existing DCS	185 days	-	185 days	0%	Mon 3/10/22			NA	Sat 15/10/22	Tue 30/5/23	10 days 9 days	20,1131								
1133	Planned Completion for Section 4	0 days		0 days	0%	Wed 17/5/23			NA	Tue 30/5/23	Tue 30/5/23	10 days	1132								17/5
1134	Section 8: Part 2A - Diversion & abandon of extg DCS box culvert	194 days		194 days	0%	Thu 1/4/21	Wed 24/11/2		NA	Fri 9/4/21	Thu 2/12/21	4 days									1113
1134	Diversion & Abandon of Existing DCS Box Culvert - Temp. Works Design and	0 days	-	0 days	0%	Thu 1/4/21	Thu 1/4/21	NA NA	NA NA	Fri 9/4/21	Fri 9/4/21	8 days 1 day				1/4					
1136	Diversion & Adamson of Existing DCS Box Culvert - Temp. Works Design and Method Statement Submission Diversion & Abandon of Existing DCS Box Box Culvert - Temp. Works Design and			21 days	0%	Thu 1/4/21	Wed 21/4/21		NA NA	Fri 9/4/21	Thu 29/4/21		1135			1/4					
1170	Diversion & Adamdon of Existing DCS Box Box Curvert - Temp. works Design and Method Statement Comment & Appraoval	ı 21 udys	ouays	Z1 uays	U /U	1110 1/4/21	w cu 21/4/21	IVA	INA	111 7141 21	111u 27/4/21	8 days 1 day	1133								
1137	TTA Implementation	1 day	0 days	1 day	0%	Thu 22/4/21	Thu 22/4/21	NA	NA	Fri 30/4/21	Fri 30/4/21	7 days 0.5 day	1136								
																					III
Title: Dr. 1	1 Programith Progress Task	Summary			Inactive N	filestone	>	Duration-	only		Start-only	Е	External	Milestone	\$		Critical Spli	it			
litle: Rev.1 as of 22-N	1 Prog with Progress Split	Project Sum			Inactive S	ummary		■ Manual S	ummary Rollup		Finish-only	3	Deadline		•		Progress				
//	Milestone •	Inactive Tas	k		Manual Ta	ask		Manual S	ummary		External Tasl	CS	Critical				Manual Prog	gress			

							Con	tract No. ED/	/2018/01 K	TD Project																
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Fini	sh Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 Q2 Q3	04	01 0	2021	O4	O1		2022	04	01	2023 Q2 Q	-
.138	Sheetpile Installation	25 days		25 days	0%	Fri 23/4/21	Mon 24/5/21	NA	NA	Mon 3/5/21	Tue 1/6/21	7 days	1 day	1137	×2 (0)		Ĭ.							71		_
1139	Excavation with Shoring	52 days	0 days	52 days	0%	Tue 25/5/21	Mon 26/7/21	NA	NA	Wed 2/6/21	Tue 3/8/21	7 days	1 day	1138												
1140	Diversion of existing DCS box culvert	26 days	0 days	26 days	0%	Tue 27/7/21	Wed 25/8/21	NA	NA	Wed 4/8/21	Thu 2/9/21	7 days	2 days	1137,410,1139				1								
1141	Break up existing box culvert (4 walls) + top slab	35 days	0 days	35 days	0%	Thu 26/8/21	Thu 7/10/21	NA	NA	Fri 3/9/21	Sat 16/10/21	7 days	2 days	1140												
1142	Construct new walls at existing box culvert	20 days	0 days	20 days	0%	Fri 8/10/21	Mon 1/11/21	NA	NA	Mon 18/10/21	Tue 9/11/21	7 days	1 days	1141												
1143	Abandon existing DCS box culvert	20 days	0 days	20 days	0%	Tue 2/11/21	Wed 24/11/2	1 NA	NA	Wed 10/11/21	Thu 2/12/21	7 days	1 days	1142												
1144	Planned Completion for Section 8	0 days	0 days	0 days	0%	Wed 24/11/21	Wed 24/11/2	1 NA	NA	Thu 2/12/21	Thu 2/12/21	7 days	0 days	1143					į	424/11						
145 S	ection 3	729 days		729 days	0%	Thu 16/5/19	Tue 26/10/21		NA	Tue 2/6/20	Tue 2/11/21	6 days	-													
146	Part 2C - Lift LT3 & LT4	729 days		729 days	0%	Thu 16/5/19	Tue 26/10/21		NA	Tue 2/6/20	Tue 2/11/21	6 days														
147	Access Date - Part 2A,2C	0 days		0 days	0%	Tue 2/6/20		NA	NA	Tue 2/6/20	Tue 2/6/20	0 days	0 days	4FS+369 days	2/6											
148	Mobilization of plant and materials	15 days		15 days	0%	Thu 16/5/19	Sat 1/6/19	NA	NA	Sat 4/7/20	Tue 21/7/20	337 days		1101307 days												
														1147												
149	TTA implementation	4 days		4 days	0%	Tue 2/6/20	Fri 5/6/20	NA	NA	Fri 17/7/20	Tue 21/7/20	37 days	1 day	1147												
150	Carry out Titpit and Identify Underground Utilities location	12 days		12 days	0%	Mon 15/6/20	Fri 26/6/20	NA	NA	Mon 22/6/20	Fri 3/7/20	7 days		1150												
151	Discuss with Relevant Utilities Undertakers	18 days		18 days	0%	Sat 27/6/20	Tue 14/7/20		NA	Sat 4/7/20	Tue 21/7/20	7 days		1150												
152	Slew CLP Cable and Abandon Telecom Cable (tentative)	75 days	0 days	75 days	0%	Wed 15/7/20	Mon 12/10/20	0 NA	NA	Wed 22/7/20	Mon 19/10/20	6 days	4 days	1148,1149,1151												
.153	Lift Tower Foundation - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 4/8/20	Tue 4/8/20	NA	NA	Tue 15/9/20	Tue 15/9/20	42 days	1 day		• 4,	8										
154	Lift Tower Foundation - Temp. Works Design and Method Statement Comment & Appraoval	35 days	0 days	35 days	0%	Tue 4/8/20	Mon 7/9/20	NA	NA	Tue 15/9/20	Mon 19/10/20	42 days	1 day	1153												
155	Intall Sheetpile, ELS, Excavation and Temp. Works Installation (Shoring, Drainage & Slope Protection)	38 days	0 days	38 days	0%	Tue 13/10/20	Thu 26/11/20) NA	NA	Tue 20/10/20	Thu 3/12/20	6 days	2 days	1154,1152								\mathbb{H}				
156	• '	38 days	0 days	38 days	0%	Fri 27/11/20	Wed 13/1/21	NA	NA	Fri 4/12/20	Wed 20/1/21	6 days	2 days	1148,1152,175,1												
157	Sheepile Extraction & Backilling	13 days	0 days	13 days	0%	Thu 14/1/21	Thu 28/1/21	NA	NA	Thu 21/1/21	Thu 4/2/21	6 days	1 day	1156												
158	Lift Tower - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA	Fri 1/1/21	Fri 1/1/21	60 days	1 day			2/11										
159	Lift Tower - Temp. Works Design and Method Statement Comment & Appraoval	35 days	0 days	35 days	0%	Mon 2/11/20	Sun 6/12/20	NA	NA	Fri 1/1/21	Thu 4/2/21	60 days	1 day	1158												
1160	Lift Shaft Tower: 3 Lifts x 20 day/Lift, Falsework & Formwork Erection, Rebar	63 days	0 days	63 days	0%	Fri 29/1/21	Mon 19/4/21	NA	NA	Fri 5/2/21	Mon 26/4/21	6 days	3 days	1156,1159,1157			iii									
161	Fixing & Concreting Lift installation (LT3 & LT4)	90 days	0 davs	90 days	0%	Tue 20/4/21	Fri 6/8/21	NA	NA	Tue 27/4/21	Fri 13/8/21	6 days	5 days	1160,713												
162	E & M installation	30 days		30 days	0%	Sat 7/8/21	Fri 10/9/21	NA	NA	Sat 14/8/21	Fri 17/9/21		3 days	1161												
163	Louvers and Glazing Installation	26 days		26 days	0%	Fri 21/5/21	Mon 21/6/21		NA	Sat 14/8/21	Mon 13/9/21	71 days		1160FS+25 days												
164	Parapet Installation and Finishing Works	40 days		40 days	0%	Tue 22/6/21		NA	NA	Tue 14/9/21	Tue 2/11/21		4 days													
165	CLP Meter Installation	0 days			0%	Mon 1/2/21	Mon 1/2/21		NA	Fri 20/8/21	Fri 20/8/21	200 days	1	1103												
				0 days										1105												
166	EMSD Submission Form 5 for Lift Inspection		0 days	0 days	0%	Mon 1/3/21	Mon 1/3/21		NA	Fri 20/8/21	Fri 20/8/21		0.5 day				1/3									
1167	EMSD Lift Inspection		0 days	0 days	0%	Sun 14/3/21	Sun 14/3/21		NA	Fri 3/9/21	Fri 3/9/21		0.5 day	1166FS+14 days			14	/B								
1168	Issuance of Lift Use Permit	0 days	1	0 days	0%	Mon 29/3/21	Mon 29/3/21		NA	Sat 18/9/21	Sat 18/9/21		0.5 day	1167FS+15 days			 	9/11								
1169	Testing & commissioning with Statutory Inspection	36 days		36 days	0%	Sat 11/9/21	Tue 26/10/21		NA	Sat 18/9/21	Tue 2/11/21	6 days	1 days	1162,1168												
1170	Footpath	28 days	0 days	28 days	0%	Tue 20/4/21	Mon 24/5/21	NA	NA	Tue 8/6/21	Mon 12/7/21	40 days	1 days	1160												
171	Open Space within Part 2C	94 days	0 days	94 days	0%	Tue 25/5/21	Mon 13/9/21	NA	NA	Tue 13/7/21	Tue 2/11/21	40 days	4 days	1170,1230												
1172	Planned Completion for Section 3	0 days	0 days	0 days	0%	Tue 26/10/21	Tue 26/10/21	NA	NA	Tue 2/11/21	Tue 2/11/21	6 days	0 days	1171,1168,1169,					To the	6/10						
1173 S	ections 5 and 9: Noise Barrier Installation	380 days	6.83 days	373.17 days	0%	Fri 20/3/20	Sat 3/7/21	Fri 20/3/20	NA	Fri 20/3/20	Mon 5/7/21	1 day	1 day													
1174	1.0 Noise Barrier Shop Drawing Preparation, Offsite Fabrication	141 days	20.86 days	120.14 days	0%	Mon 6/4/20	Thu 24/9/20	Mon 6/4/20	NA	Mon 6/4/20	Mon 7/12/20	60 days		•												
1175	CNP and TTA available	0 days	0 days	0 days	0%	Wed 24/6/20	Wed 24/6/20	NA	NA	Thu 20/8/20	Thu 20/8/20	47 days	1 day		4 24/6											
1176	Expose the Extisting Noise Barrier Foundation	70 days	25 days	45 days	36%	Mon 6/4/20	Fri 3/7/20	Mon 6/4/20	NA	Mon 6/4/20	Tue 7/7/20	3 days	1 day		-											
1177	Implement TTA	2 days	0 days	2 days	0%	Mon 13/7/20	Tue 14/7/20	NA	NA	Wed 18/11/20	Thu 19/11/20	107 days	0.5 day													
178	Expose the Extisting Noise Barrier Foundation under Existing Footpath	15 days	0 days	15 days	0%	Wed 15/7/20	Fri 31/7/20	NA	NA	Fri 20/11/20	Mon 7/12/20	107 days	1 day	1177		$\parallel \parallel$										
1179	Carry out the Site Survey for Existing Holding Down Bolt at Existing Landscaped	6 days		6 days	0%	Wed 24/6/20	Thu 2/7/20		NA	Thu 20/8/20	Wed 26/8/20	47 days		1175												
1180	Deck Noise Barrier Shop Drawings Preparation	30 days	1	30 days	0%	Fri 31/7/20	Thu 3/9/20		NA	Fri 21/8/20	Thu 24/9/20	18 days														
1181	Noise Barrier Shop Drawings Preparation Noise Barrier Shop Drawings Comment by PM	18 days		18 days	0%	Fri 4/9/20	Thu 24/9/20		NA	Fri 25/9/20	Sat 17/10/20		0.5 day													
															A 2/#											
1182	PMAA Panel Material Sample Submission	0 days	o uays	0 days	0%	Sat 2/5/20	Sat 2/5/20	NA	NA	Sat 6/6/20	Sat 6/6/20	30 days	1 days		♦ 2/5											_
itle: Rev.1	I Prog with Progress	Summary			Inactive M			Duration-or	-		Start-only		Ę		nal Milestone	♦			Critica							
s of 22-M	lav-20	Project Sun Inactive Ta		U	Inactive Su Manual Ta			Manual Sur Manual Sur	mmary Rollup		Finish-only External Tas	.1	3	Deadl Critic		*			Progre	ss 1 Progress	c					

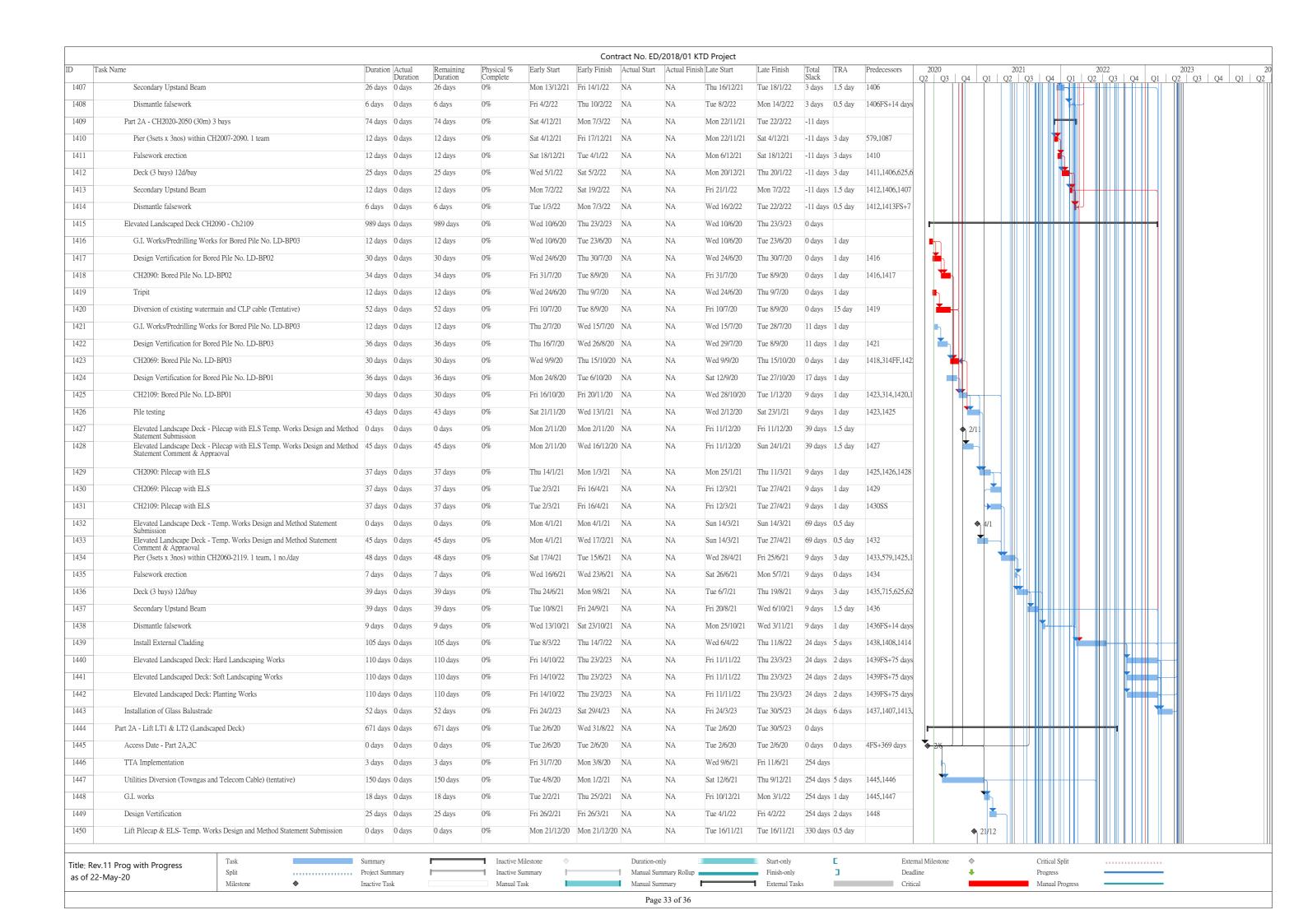
							Con	iliact No. LD	/2010/01 K	TD Project													
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	sh Late Start	Late Finish	Total Slack	TRA	Predecessors	2020	Q4 Q	202	21	04	Q1 Q2	2022	3 0	
33	PMAA Panel Material Comment and Approval by PM	18 days		18 days	0%	Sat 2/5/20	Fri 22/5/20	NA	NA	Sat 6/6/20	Sat 27/6/20	30 days	1 days	1182	ZZ		1 Q2			4 4			Ш
34	PMAA Panel Material Coloring Sample Submission	0 days	0 days	0 days	0%	Thu 4/6/20	Thu 4/6/20	NA	NA	Mon 29/6/20	Mon 29/6/20	20 days	1 days	1183	4/6								
35	PMAA Panel Material Coloring Sample Comment and Approval by PM	10 days	0 days	10 days	0%	Thu 4/6/20	Mon 15/6/20	NA	NA	Mon 29/6/20	Fri 10/7/20	20 days	1 days	1184									
36	Material Testing and Offsite Fabrication	247 days	o days	247 days	0%	Mon 1/6/20	Tue 2/2/21	NA	NA	Wed 10/6/20	Wed 17/2/21	9 days											
37	Holding Down Bolt Procurement	61 days	0 days	61 days	0%	Fri 5/6/20	Tue 4/8/20	NA	NA	Wed 10/6/20	Sun 9/8/20	5 days	1 days										
38	Holding Down Bolt Testing	45 days	0 days	45 days	0%	Wed 5/8/20	Fri 18/9/20	NA	NA	Mon 10/8/20	Wed 23/9/20	5 days	1 day	1187									
39	Structural Steelwork Procurement	81 days		81 days	0%	Mon 1/6/20	Thu 20/8/20		NA	Sat 13/6/20	Tue 1/9/20	12 days											
90	Structural Steel Frame Material Testing	46 days		46 days	0%	Fri 21/8/20	Mon 5/10/20		NA	Wed 2/9/20	Sat 17/10/20	12 days		1189									
91	Structural Steel Frame Fabrication and Delivery	120 days		120 days	0%	Tue 6/10/20	Tue 2/2/21		NA	Sun 18/10/20	Sun 14/2/21			1181,1190									
92	·											12 days											
	Structural Steel Frame Start Delivery to Stie	0 days		0 days	0%	Wed 25/11/20			NA	Tue 8/12/20	Tue 8/12/20	12 days		1191SS+51 days		25/11							
93	Polymethyl Metharylate (PMMA) and Associated Aluminium Sub-frame Procurement	121 days		121 days	0%	Tue 16/6/20	Wed 14/10/2		NA	Sat 11/7/20	Sun 8/11/20	25 days		1185									
94	Polymethyl Metharylate (PMMA) panel fabrication and delivery	101 days		101 days	0%	Thu 15/10/20	Sat 23/1/21	NA	NA	Mon 9/11/20	Wed 17/2/21	25 days	30 days	1193,1181									
95	Temp Works Design for Noise Barrier	106 days	0 days	106 days	0%	Sat 13/6/20	Mon 19/10/2	0 NA	NA	Fri 19/6/20	Sat 24/10/20	5 days				7							
96	ELS Design Preparation for Noise Barrier with ICE	18 days	0 days	18 days	0%	Wed 17/6/20	Thu 9/7/20	NA	NA	Tue 23/6/20	Wed 15/7/20	5 days	1 day										
97	ELS Design for Noise Barrier Comment by AECOM	21 days	0 days	21 days	0%	Fri 10/7/20	Thu 30/7/20	NA	NA	Thu 16/7/20	Wed 5/8/20	6 days	1 day	1196									
98	Temporary Works Platform Design Preparation	36 days	0 days	36 days	0%	Sat 13/6/20	Mon 27/7/20	NA	NA	Fri 19/6/20	Sat 1/8/20	5 days	1 day										
99	Temporary Working Platform Design Submit for AECOM Comment	19 days	0 days	19 days	0%	Tue 28/7/20	Tue 18/8/20	NA	NA	Mon 3/8/20	Mon 24/8/20	5 days	1 day	1198									
00	Temporary Working Platform Fabrication	51 days	0 days	51 days	0%	Wed 19/8/20	Mon 19/10/2	0 NA	NA	Tue 25/8/20	Sat 24/10/20	5 days	1 day	1199									
01	2.0 Noise Barrier Footing and Modification Existing Column Stud	184 days	2.71 days	181.29 days	0%	Fri 20/3/20	Sat 19/9/20	Fri 20/3/20	NA	Fri 20/3/20	Wed 23/9/20	4 days		_									
)2	Take up the Works Area	1 day	1 day	0 days	0%	Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	0 days											
3	Ground Investigation Works	25 days	0 days	25 days	0%	Sat 4/7/20	Sat 1/8/20	NA	NA	Wed 8/7/20	Wed 5/8/20	3 days	1 day	1176									
)4	Diversion of Existing Utilities and ELS Construction	42 days		42 days	0%	Mon 3/8/20	Sat 19/9/20	NA	NA	Thu 6/8/20	Wed 23/9/20		1 day	1197,1203									
)5	Fooing with Column Stud Construction	61 days		61 days	0%	Wed 23/9/20			NA	Thu 24/9/20	Mon 7/12/20	1 day											
06	Bay 1 & 3 Fooing with Column Stud and Modification of Existing Column Stud	10 days			0%	Wed 23/9/20	Tue 6/10/20		NA	Thu 24/9/20	Wed 7/10/20		1 dov	1188,1204,184FI									
	along Bay 1 & 3			10 days									1 day			1							
7	Bay 2 & 4 Fooing with Column Stud and Modification of Existing Column along Bay 2&4	10 days		10 days	0%	Wed 7/10/20	Sat 17/10/20		NA	Thu 8/10/20	Mon 19/10/20		1 day	1206									
08	Bay 5 & 7 Fooing with Column Stud, Modification of Existing Stud along Bay 5&7			10 days	0%		Fri 30/10/20		NA	Tue 20/10/20	Sat 31/10/20		1 day	1207									
9	Bay 6 Fooing with Column Stud, Modification of Existing Stud along Bay 6	10 days	-	10 days	0%		Wed 11/11/2		NA	Mon 2/11/20	Thu 12/11/20	1 day	1 day	1208									
.0	Backfill and extract sheet pile	21 days	0 days	21 days	0%	Thu 12/11/20	Sat 5/12/20	NA	NA	Fri 13/11/20	Mon 7/12/20	1 day	1 day	1209									
.1	Modification of Remaining Colum Stud	50 days	0 days	50 days	0%	Mon 7/12/20	Fri 5/2/21	NA	NA	Tue 8/12/20	Sat 6/2/21	1 day	1 day										
12	Modification of Remaining Column Stud	50 days	0 days	50 days	0%	Mon 7/12/20	Fri 5/2/21	NA	NA	Tue 8/12/20	Sat 6/2/21	1 day	1 day	1210,1178									
13	Noise Barrier Installation	258 days	0 days	258 days	0%	Wed 19/8/20	Sat 3/7/21	NA	NA	Sat 26/9/20	Mon 5/7/21	1 day	1 day		-								
14	CNP Application	31 days	0 days	31 days	0%	Wed 19/8/20	Fri 18/9/20	NA	NA	Sat 26/9/20	Mon 26/10/20	38 days	1 day	1199		+							
15	Temporary Platform Delivery to Site	0 days	0 days	0 days	0%	Mon 19/10/20	Mon 19/10/2	0 NA	NA	Tue 27/10/20	Tue 27/10/20	5 days	0.5 day	1200		19/10							
16	Temporary Platform On-site Assembly (Night Time)	36 days	0 days	36 days	0%	Tue 20/10/20	Tue 1/12/20	NA	NA	Tue 27/10/20	Mon 7/12/20	5 days	0.5 day	1214,1215									
17	Structural Steel Frame Installation	119 days	o days	119 days	0%	Mon 7/12/20	Wed 5/5/21	NA	NA	Tue 8/12/20	Thu 6/5/21	1 day	1 day	1192,1212SS,12									
18	PMMA and Associated Aluminum Sub-frame Installation	117 days	o days	117 days	0%	Fri 8/1/21	Wed 2/6/21	NA	NA	Sat 9/1/21	Thu 3/6/21	1 day	1 day	1194SS+50 days				41 11					
19	Lighting Installation	25 days	0 days	25 days	0%	Thu 3/6/21	Sat 3/7/21	NA	NA	Fri 4/6/21	Mon 5/7/21	1 day	1 day	1218FF+25 days									
20	Rainwater downpipe	25 days		25 days	0%	Thu 3/6/21	Sat 3/7/21	NA	NA	Fri 4/6/21	Mon 5/7/21		1 day	1218FF+25 days									
21	Bus Lay-by	25 days		25 days	0%	Thu 3/6/21	Sat 3/7/21	NA	NA	Fri 4/6/21	Mon 5/7/21	1 day		1218FF+25 days									
									NA	Mon 5/7/21			O dove					200					
22	Planned Completion for Section 5 & Section 9	0 days		0 days	0%	Sat 3/7/21		NA			Mon 5/7/21		0 days	1218,1219,1220,				7 37 /					
	ection 6		ys 8.73 days	1192.27 days?		Thu 16/5/19		Thu 16/5/19		Thu 16/5/19	Wed 29/5/24	298 da											
24	Fencing (15m/d) & Hoarding Erection (10m/d)				0%	Tue 15/10/19				Tue 15/10/19	Fri 30/12/22	42 days											
25	Hoarding - Part 1 (~57m)	51 days		51 days	0%	Tue 1/12/20	Mon 1/2/21		NA	Wed 21/9/22	Mon 21/11/22		_	121,8									
26	Fencing - Part 1 (758m)	6 days	0 days	6 days	0%	Sat 19/9/20	Fri 25/9/20	NA	NA	Mon 1/3/21	Sat 6/3/21	130 days	0 days	121,8									
27	Fencing - Part 2A (~458m) - 4 team	12 days	0 days	12 days	0%	Wed 3/2/21	Fri 19/2/21	NA	NA	Sat 5/2/22	Fri 18/2/22	296 days	1 days	9,121,1147,1445									
a. Pov 1	1 Prog with Progress	Summary	<u>'</u>		Inactive M	filestone \diamondsuit	1	Duration-o	nly		Start-only			Externa	l Milestone	♦	1 1 1111111	Cri	itical Split	<u> </u>	<u> </u>		
	ay-20 Split	Project Sur	nmary		Inactive St	ummary		Manual Su	mmary Rollup		Finish-only External Tas		3	Deadlin	ie	•		Prc	ogress	gress	_		_



							Con	tract No. ED,	/2018/01 K	TD Project												_
Task N	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	h Late Start	Late Finish	Total TRA Slack		2020 2 03	Q4 Q1	2021	03 1	04		2022 2 Q3	04	01
72	CH2000 - CH2060 (~84m, 2 M/H) - S.D. Rd	14 days		14 days	0%	Thu 6/1/22	Fri 21/1/22	NA	NA	Mon 5/9/22	Wed 21/9/22	198 days 1 days	1085SS+12 days	2 Q3	Q4 Q1	I QZ			1 Q2		Q4	QI
73	CH2060 - CH2118.93 (~50.7m, 2 M/H) - Rd D3	14 days	0 days	14 days	0%	Mon 4/10/21	Wed 20/10/21	NA	NA	Fri 3/12/21	Sat 18/12/21	51 days 1 days	1267				I A					,
74	CH100 - CH147 (~169m, 5 M/H) - L12 Road	38 days	0 days	38 days	0%	Mon 2/5/22	Wed 15/6/22	NA	NA	Sat 2/7/22	Mon 15/8/22	51 days 3 days	1275,1229									,
75	Open Space & Promenade (~457m, 11 M/H)	76 days	0 days	76 days	0%	Tue 25/1/22	Sat 30/4/22	NA	NA	Tue 29/3/22	Thu 30/6/22	51 days 6 days	1504,458,459,12						4	$\ \cdot\ $,
76	L12d Stormwater	50 days	0 days	50 days	0%	Thu 21/10/21	Fri 17/12/21	NA	NA	Wed 26/1/22	Mon 28/3/22	80 days	1273,490				1			4		,
77	Sewerage Drainage	496 days	0 days	496 days	0%	Tue 1/12/20	Wed 3/8/22	NA	NA	Sat 29/5/21	Wed 5/10/22	51 days								 		,
78	Procurement of Sewerage Pipes	90 days	0 days	90 days	0%	Tue 1/12/20	Sun 28/2/21	NA	NA	Sat 29/5/21	Thu 26/8/21	179 days 0.5 days										,
79	Sewerage Drainage - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Wed 2/6/21	Wed 2/6/21	NA	NA	Sat 28/8/21	Sat 28/8/21	87 days 0.5 days				4 2/	6					,
30	Sewerage Drainage - Temp. Works Design and Method Statement Comment &	21 days	0 days	21 days	0%	Wed 2/6/21	Tue 22/6/21	NA	NA	Sat 28/8/21	Fri 17/9/21	87 days 0.5 days	1279									,
1	Appraoval CH1000 - CH1087 (~68m, 3 M/H)	19 days	0 days	19 days	0%	Tue 15/6/21	Wed 7/7/21	NA	NA	Fri 27/8/21	Fri 17/9/21	62 days 1 days	428,451,465,466									,
2	CH1087 - CH1189.4 (~47m, 1 no M/H)	14 days	0 days	14 days	0%	Sat 4/9/21	Mon 20/9/21	NA	NA	Sat 18/9/21	Wed 6/10/21	12 days 1 days	1265,1278,1280,									,
33	CH100 - CH147 (~156m, 6 M/H) - L12 Road	41 days		41 days	0%	Thu 16/6/22	Wed 3/8/22	NA	NA	Tue 16/8/22	Wed 5/10/22	51 days 3 days	1274,1280,1275,									,
	Underground Watermain	629 days		629 days	0%	Tue 15/12/20	Fri 27/1/23		NA	Fri 14/5/21	Thu 16/3/23	41 days	127 1,1200,1273,									<u>.</u>
285	Fresh Watermain	519 days		519 days	0%	Tue 15/12/20	Wed 14/9/22		NA	Fri 14/5/21	Thu 16/3/23	119 days										.
286	Fresh Watermain - Method Statement Submission	0 days		0 days	0%	Tue 1/6/21	Tue 1/6/21		NA NA	Sat 7/8/21	Sat 7/8/21	67 days 1 days				1 /	15			/ [*]		$\ \ $
287	Fresh Watermain - Ivietnod Statement Submission Fresh Watermain Method Statement Comment & Appraoval				0%	Tue 1/6/21	Mon 5/7/21			Sat 7/8/21	Fri 10/9/21		1286									$\ \ $
88	**	35 days		35 days					NA NA			67 days 1 days	1286									$\ \ $
	Fresh Watermain Procurement	120 days		120 days	0%	Mon 11/1/21	Mon 10/5/21		NA	Fri 14/5/21	Fri 10/9/21	123 days 1 days	1000 1007									$\ \ $
39	CH1000 - CH1087 (~191m) Rd D3	20 days		20 days	0%	Tue 6/7/21	Wed 28/7/21		NA	Sat 11/9/21	Wed 6/10/21	58 days 1 days	1288,1287									$\ \ $
90	CH1087 - CH1189.4 (~212m) - N. Ramp	4 days		4 days	0%	Tue 21/9/21	Sat 25/9/21		NA	Thu 7/10/21	Mon 11/10/21		1282,467,1289									$\ \ $
1	CH1189.4 - CH1394 (~409.2m) - Bridge D3	42 days	-	42 days	0%	Tue 10/8/21	Tue 28/9/21		NA	Fri 15/10/21	Thu 2/12/21	54 days 2 days	1288,944FF									$\ \ $
2	CH1394 - CH1444.7 (~101.4m) - S. Ramp	10 days	0 days	10 days	0%	Tue 6/7/21	Fri 16/7/21	NA	NA	Mon 15/8/22	Thu 25/8/22	332 days 0 days	988SS+10 days,									,
3	CH1444.7 - CH1560 (~165m) - Rd D3	30 days	0 days	30 days	0%	Mon 12/7/21	Sat 14/8/21	NA	NA	Sat 27/11/21	Tue 4/1/22	116 days 0 days	988SS+15 days									,
4	CH1720 - CH1920 (~25m) - Underpass	2 days	0 days	2 days	0%	Fri 17/12/21	Sat 18/12/21	NA	NA	Fri 16/9/22	Sat 17/9/22	221 days 0 days	1270,444									,
	CH2060 - CH2118.93 (~47m) - Rd D3	2 days	0 days	2 days	0%	Sat 16/10/21	Mon 18/10/21	NA	NA	Wed 15/12/21	Thu 16/12/21	51 days 0 days	1273SS+10 days									,
	CH100 - CH147 (~280m) - L12 Road	30 days	0 days	30 days	0%	Tue 17/5/22	Tue 21/6/22	NA	NA	Tue 28/6/22	Tue 2/8/22	35 days 2 days	1297									,
7	Open Space & Promenade (~1,093m)	110 days	0 days	110 days	0%	Thu 30/12/21	Mon 16/5/22	NA	NA	Wed 12/1/22	Fri 27/5/22	10 days 1 day	1497,458,111							HIII		,
	Freshwater main across Kai Tak River	50 days	0 days	50 days	0%	Tue 17/5/22	Fri 15/7/22	NA	NA	Tue 15/11/22	Thu 12/1/23	151 days 1 day	1297,514						1111			,
)	L12d Freshwater	50 days	0 days	50 days	0%	Tue 15/12/20	Wed 17/2/21	NA	NA	Tue 15/11/22	Thu 12/1/23	569 days	498									,
)	Fresh Watermain T&C	51 days	0 days	51 days	0%	Sat 16/7/22	Wed 14/9/22	NA	NA	Fri 13/1/23	Thu 16/3/23	151 days 1 day	1297,1296,1298,									+
)1	Salt Watermain	591 days	0 days	591 days	0%	Mon 1/2/21	Fri 27/1/23	NA	NA	Sun 20/6/21	Thu 16/3/23	41 days										1
)2	Salt Watermain - Method Statement Submission	0 days	0 days	0 days	0%	Mon 24/5/21	Mon 24/5/21	NA	NA	Mon 13/9/21	Mon 13/9/21	112 days 1 day				4 24	15					,
)3	Salt Watermain Method Statement Comment & Appraoval	35 days	0 days	35 days	0%	Mon 24/5/21	Sun 27/6/21	NA	NA	Mon 13/9/21	Sun 17/10/21	112 days 1 day	1302									$\ \ $
)4	Salt Watermain Procurement	120 days	0 days	120 days	0%	Mon 1/2/21	Mon 31/5/21	NA	NA	Sun 20/6/21	Sun 17/10/21	139 days 1 day										$\ \ $
)5	CH1000 - CH1087 (~157m) Rd D3	15 days	0 days	15 days	0%	Mon 28/6/21	Thu 15/7/21	NA	NA	Thu 18/8/22	Sat 3/9/22	341 days 1 days	1304,1303									$\ \ $
06	CH1087 - CH1189.4 (~218m) - N. Ramp	4 days	0 days	4 days	0%	Mon 27/9/21	Thu 30/9/21	NA	NA	Tue 12/10/21	Sat 16/10/21	12 days 1 day	1290									$\ \ $
)7	CH1189.4 - CH1394 (~409.2m) - Bridge D3	40 days	0 days	40 days	0%	Sat 2/10/21	Thu 18/11/21	NA	NA	Mon 18/10/21	Thu 2/12/21	12 days 0.5 days	1291SS,1303,45									$\ \ $
08	CH1394 - CH1444.7 (~101.4m) - S. Ramp	10 days	0 days	10 days	0%	Sat 17/7/21	Wed 28/7/21	NA	NA	Fri 26/8/22	Tue 6/9/22	332 days 1 day	1292									$\ \ $
09	CH1444.7 - CH1560 (~165m) - Rd D3	18 days		18 days	0%	Mon 16/8/21	Sat 4/9/21	NA	NA	Wed 29/6/22	Wed 20/7/22	258 days 1 day	1293									$\ \ $
10	CH1560 - CH1720 (~160m) - NDR	50 days		50 days	0%	Fri 19/11/21	Wed 19/1/22		NA	Thu 21/7/22	Sat 17/9/22	197 days	1307,1309,444									$\ \ $
1	CH1720 - CH1920 (~25m) - Underpass	3 days		3 days	0%	Thu 20/1/22	Sat 22/1/22		NA	Mon 19/9/22	Wed 21/9/22	197 days 1 day	1294,1310						4111			$\ \ $
2	CH2060 - CH2118.93 (~47m) - Rd D3	2 days		2 days	0%	Mon 24/1/22	Tue 25/1/22		NA	Thu 22/9/22	Fri 23/9/22	197 days 0 days	1295,1311									$\ \ $
3	CH100 - CH147 (~455m) - L12 Road	47 days		2 days 47 days	0%		Tue 16/8/22		NA	Wed 3/8/22	Tue 27/9/22	35 days 2 days	1295,1311									$\ \ $
14	L12d Salt Watermain	50 days		50 days	0%	Wed 22/0/22 Wed 17/8/22	Mon 17/10/22		NA NA	Wed 3/6/22 Wed 16/11/22	Fri 13/1/23	75 days 1 day	1313,498									$\ \ $
				-									,									$\ \ $
315	Open Space & Promenade (~1,093m)	110 days		110 days	0%	Tue 17/5/22	Sat 24/9/22		NA	Sat 28/5/22	Sat 8/10/22	10 days 1 day	1297,458									$\ \ $
316	Saltwater main across Kai Tak River	51 days	U days	51 days	0%	Mon 26/9/22	Fn 25/11/22	NA	NA	Tue 15/11/22	Fri 13/1/23	41 days 1 day	1315,514									Щ
le: Rev.11	Prog with Progress	Summary			Inactive M			Duration-or	-		Start-only	E .		Milestone	♦			ical Split				
	split Split	Project Sun	nmary	U .	Inactive S	ummary		Manual Sur	nmary Rollup		Finish-only	3	Deadline		4		Prog	gress				

							COI	itiact IVO. LD	/2010/011	TD Project											
Task N	Name	Duration	n Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Fini	sh Late Start	Late Finish	Total TRA Slack	Predecessors 2020	04 0:	202	.1	04 0.		022	04	\1
17	Salt Watermain T&C	50 days	0 days	50 days	0%	Sat 26/11/22	Fri 27/1/23	NA	NA	Sat 14/1/23	Thu 16/3/23	41 days 1 day	Q2 Q3 1312,1315,1316,	Q4 Q1	Q2	Q3 Q	24 Q1	Q2	Q3	Q4 Q	1 (
8	Irrigation System	535 days	s 0 days	535 days	0%	Tue 5/1/21	Sat 22/10/22	NA	NA	Wed 16/6/21	Thu 16/3/23	120 days		╢╺┼┼						a III	
19	Irrigation System - Method Statement Submission	0 days	0 days	0 days	0%	Sun 20/6/21	Sun 20/6/21	NA	NA	Thu 4/11/21	Thu 4/11/21	137 days 1 day				20/6					
20	Irrigation System Method Statement Comment & Appraoval	21 days	0 days	21 days	0%	Sun 20/6/21	Sat 10/7/21	NA	NA	Thu 4/11/21	Wed 24/11/21	137 days 1 day	1319			,					
1	Irrigation Pipe and System Procurement	150 days	s 0 days	150 days	0%	Tue 5/1/21	Thu 3/6/21	NA	NA	Wed 16/6/21	Fri 12/11/21	162 days 1 day		╢ #							
22	CH1000 - CH1087 (~87m) Rd D3	5 days	0 days	5 days	0%	Fri 16/7/21	Wed 21/7/21	NA	NA	Mon 5/9/22	Fri 9/9/22	341 days 0 days	1305,1321								
23	CH1087 - CH1189.4 (~205m) - N. Ramp		0 days	10 days	0%	Mon 7/6/21	Fri 18/6/21	NA	NA	Sat 13/11/21	Wed 24/11/21	132 days 1 day	1321								
14	CH1189.4 - CH1394 (~409.2m) - Bridge D3		0 days	7 days	0%	Sat 2/10/21	Sat 9/10/21	NA	NA	Thu 25/11/21	Thu 2/12/21	45 days 0 days	1307SS,1320,13								
5	CH1394 - CH1444.7 (~101.4m) - S. Ramp	3 days	0 days	3 days	0%	Thu 29/7/21	Sat 31/7/21	NA	NA	Wed 7/9/22	Fri 9/9/22	332 days 0 days	1308								
5	CH1444.7 - CH1560 (~175m) - Rd D3	4 days	0 days	4 days	0%	Mon 6/9/21			NA	Mon 12/9/22	Thu 15/9/22	302 days 0 days	1309,1322,1325								
7	CH1920 - CH2000 (~160m) S.D. Rd		0 days		0%	Thu 6/1/22	Tue 11/1/22		NA	Fri 16/9/22	Wed 21/9/22	207 days 1 day	1271,1326								
	· ´			5 days																	
28	CH2000 - CH2060 (~60m) - S.D. Rd		0 days	2 days	0%	Sat 22/1/22	Mon 24/1/22		NA	Thu 22/9/22	Fri 23/9/22	198 days 0 days	1272,1327								
29	CH2060 - CH2118.93 (~100m) - Rd D3	3 days	0 days	3 days	0%	Wed 26/1/22	Fri 28/1/22		NA	Sat 24/9/22	Tue 27/9/22	197 days 0 days	1312,1328								
30	CH100 - CH147 (~173m) - L12 Road	5 days	0 days	5 days	0%	Wed 17/8/22	Mon 22/8/22		NA	Wed 28/9/22	Wed 5/10/22	35 days 1 day	1313,1329								
31	Irrigation System T&C		0 days	50 days	0%	Tue 23/8/22	Sat 22/10/22		NA	Sat 14/1/23	Thu 16/3/23	120 days 1 day	1330								\parallel
	Salt Water and Sewage Pumping Station		s 0 days	637 days	0%	Sat 27/3/21	Thu 18/5/23		NA	Wed 28/7/21	Tue 30/5/23	8 days									
3	Salt Water Pumping Station - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 2/8/21	Mon 2/8/21	NA	NA	Fri 10/9/21	Fri 10/9/21	39 days 1 day				2/8					
34	Salt Water Pumping Station - Temp. Works Design and Method Statement Comme & Appraoval	nt 35 days	0 days	35 days	0%	Mon 2/8/21	Sun 5/9/21	NA	NA	Fri 10/9/21	Thu 14/10/21	39 days 1 day	1333								
5	Utilities Diversion	65 days	0 days	65 days	0%	Mon 21/6/21	Sat 4/9/21	NA	NA	Wed 28/7/21	Wed 13/10/21	31 days 15 day									
6	Substructure	100 days	s 0 days	100 days	0%	Tue 5/10/21	Sat 5/2/22	NA	NA	Fri 15/10/21	Tue 15/2/22	8 days									
7	Sheetpile Installation	25 days	0 days	25 days	0%	Tue 5/10/21	Wed 3/11/21	NA	NA	Fri 15/10/21	Fri 12/11/21	8 days 5 days	148,1334,1335,1				h III				
8	Excavation and Shoring Installation	50 days	0 days	50 days	0%	Thu 4/11/21	Tue 4/1/22	NA	NA	Sat 13/11/21	Thu 13/1/22	8 days 5 days	1337								
9	Base Slab Construction include blinding layer	25 days	0 days	25 days	0%	Wed 5/1/22	Sat 5/2/22	NA	NA	Fri 14/1/22	Tue 15/2/22	8 days 3 days	1338,149FS+120								
)	Superstructure	460 days	s 0 days	460 days	0%	Fri 24/9/21	Wed 12/4/23	NA	NA	Wed 16/2/22	Mon 29/5/23	38 days						-			-
	Coordination with CLP to plan for Layout and Details of Transformer Room	0 days	0 days	0 days	0%	Fri 24/9/21	Fri 24/9/21	NA	NA	Sat 4/6/22	Sat 4/6/22	253 days				⇔ 2-	4/)	+			
2	Scaflold, Falsework and Formwork Erection	28 days	0 days	28 days	0%	Mon 7/2/22	Thu 10/3/22	NA	NA	Wed 16/2/22	Sat 19/3/22	8 days 2 days	1339,719,531,54					4			
3	Wall Rebar Fixing & Concreting	24 days	0 days	24 days	0%	Fri 11/3/22	Fri 8/4/22	NA	NA	Mon 21/3/22	Thu 21/4/22	8 days 1 day	1342								
4	Top Slab and Beam: Rebar Fixing and Formwork	36 days	0 days	36 days	0%	Sat 9/4/22	Tue 24/5/22	NA	NA	Fri 22/4/22	Thu 2/6/22	8 days 2 days	1343								
5	Formwork & Falsework Removal	28 days	0 days	28 days	0%	Wed 25/5/22	Mon 27/6/22	NA	NA	Sat 4/6/22	Thu 7/7/22	8 days 1 day	1344,1341								
16	Watertightnes Test	15 days		15 days	0%	Tue 28/6/22	Fri 15/7/22	NA	NA	Fri 19/8/22	Mon 5/9/22	44 days 1 day	1345								
47	Backfilling & Sheetpile Removal	24 days		24 days	0%	Tue 28/6/22	Tue 26/7/22		NA	Tue 9/8/22	Mon 5/9/22	35 days 2 days	1345								
48	Water Chamber Construction		0 days	36 days	0%	Tue 28/6/22	Tue 9/8/22		NA	Fri 8/7/22	Thu 18/8/22	8 days 1 day	1345								
49	Watertightnes Test for Water Chamber		0 days	15 days	0%		Fri 26/8/22		NA	Fri 19/8/22	Mon 5/9/22	8 days 1 day	1348								
50	Drainage and Roadworks		0 days	80 days	0%	Wed 10/8/22 Wed 27/7/22	Mon 31/10/2		NA	Sat 18/2/23	Mon 29/5/23	170 days 5 days	1347,383								
													1347,383								
52	Utilities Laying		o days	105 days	0%	Wed 27/7/22	Tue 29/11/22		NA	Tue 6/9/22	Tue 10/1/23	35 days 5 days	714,1345,555,13								
	Finishing work and fitting out	75 days		75 days		Sat 27/8/22	Fri 25/11/22		NA	Tue 6/9/22	Mon 5/12/22	8 days 1 day									
53	Tx Installation with T&C		0 days	60 days	0%	Tue 15/11/22			NA	Thu 24/11/22	Mon 6/2/23	8 days 1 day	1346,1352FF+50								\blacksquare
54	PCCW Installation	15 days		15 days	0%	Wed 30/11/22			NA	Fri 24/2/23		70 days 1 day	1351,1346								
55	Ironmongery work		0 days	24 days	0%	Sat 26/11/22			NA	Tue 14/2/23	Mon 13/3/23	64 days 0.5 days									1
56	E&M installation		s 0 days	100 days	0%	Thu 3/11/22	Fri 3/3/23		NA	Sat 12/11/22	Mon 13/3/23	8 days 5 days	1345,1353FF+30								1
7	Testing and Commissioning	30 days	0 days	30 days	0%	Sat 4/3/23	Wed 12/4/23	NA	NA	Tue 14/3/23	Fri 21/4/23	8 days 2 days	1356,1355,1351,								
8	WSD Form 46 Part I & II Submission	0 days	0 days	0 days	0%	Sat 27/3/21	Sat 27/3/21	NA	NA	Sat 22/4/23	Sat 22/4/23	615 days 0.5 days		·	♦ 27/3						
59	WSD Form 46 Part 46 Part IV Submission	0 days	0 days	0 days	0%	Tue 15/3/22	Tue 15/3/22	NA	NA	Sat 22/4/23	Sat 22/4/23	329 days 0.5 days	1358					15/3		++++	#1
50	CLP Meter Installation	0 days	0 days	0 days	0%	Sun 19/6/22	Sun 19/6/22	NA	NA	Sat 22/4/23	Sat 22/4/23	251 days 0.5 days							19/6		+
51	FSD Form 501 Submission for FS Inspection	0 days	0 days	0 days	0%	Wed 12/4/23	Wed 12/4/23	NA	NA	Sat 22/4/23	Sat 22/4/23	8 days 0.5 days	1359,1360,1357								•
o. Dov. 11	Prograith Progress Task	Summary			Inactive M	lilestone 🔷		Duration-c	nly		Start-only	Е	External Milestone	**		Criti	ical Split				
e: KeV.II	Prog with Progress	Project Sur	nmary		Inactive Su				mmary Rollup		Finish-only	3	Deadline	4		Progr					_

			1					tract No. ED/		<u>=</u>													
Task	Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	1 Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 Q2 Q3 (Q4 Q1	2021 Q2		Q4 (2022 2 Q3	Q4	Q1
2	FSD Inspection	0 days	0 days	0 days	0%	Sat 29/4/23	Sat 29/4/23	NA	NA	Thu 11/5/23	Thu 11/5/23	8 days	0.5 days	1361FS+15 days									
3	Issuance of FS Certificate	0 days	0 days	0 days	0%	Thu 18/5/23	Thu 18/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	8 days	0.5 days	1362FS+15 days									
4	Salt Water and Sewage Pumping Station: Landscaping hardworks and softworks	110 days	o days	110 days	0%	Wed 30/11/22	Sat 15/4/23	NA	NA	Wed 11/1/23	Mon 29/5/23	35 days	2 days	562,1351,548									
5	Salt Water and Sewage Pumping Station: Planting Works	110 days	s 0 days	110 days	0%	Wed 30/11/22	Sat 15/4/23	NA	NA	Wed 11/1/23	Mon 29/5/23	35 days	2 days	562,1351,548									
6	Section 6 Completion	0 days	0 days	0 days	0%	Tue 30/5/23	Tue 30/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	0 days		1350,1363,1364,									
7	Seawater Intake Box Culvert (~169m)	647 days	s 0 days	647 days	0%	Fri 5/3/21	Mon 8/5/23	NA	NA	Fri 5/3/21	Tue 30/5/23	0 days											++
8	Access Date - Part 4	0 days	0 days	0 days	0%	Fri 5/3/21	Fri 5/3/21	NA	NA	Fri 5/3/21	Fri 5/3/21	0 days	0 days	4FS+645 days		*	5/3						
9	Part 4 - CHA.0-79 (79m)	290 days	s 0 days	290 days	0%	Thu 19/5/22	Mon 8/5/23	NA	NA	Fri 10/6/22	Tue 30/5/23	18 days									_		-
0	CHA 0-24 Precast Section	34 days	0 days	34 days	0%	Thu 19/5/22	Tue 28/6/22	NA	NA	Fri 10/6/22	Wed 20/7/22	18 days									/		
	Temporary ELS & Excavation and Shoring Installation	24 days	0 days	24 days	0%	Thu 19/5/22	Thu 16/6/22	NA	NA	Fri 10/6/22	Fri 8/7/22	18 days	1 days	1384,1386,1238,						ll i			
2	Install 3 nos. 8 m long precast units (2.5 days per unit)	10 days	0 days	10 days	0%	Fri 17/6/22	Tue 28/6/22	NA	NA	Sat 9/7/22	Wed 20/7/22	18 days	2.5 days	1371									
3	CHA 24-79 (75m) (5 units)	256 days	s 0 days	256 days	0%	Wed 29/6/22	Mon 8/5/23	NA	NA	Thu 21/7/22	Tue 30/5/23	18 days											#
4	Temporary ELS & Excavation	50 days	0 days	50 days	0%	Wed 29/6/22	Fri 26/8/22	NA	NA	Thu 21/7/22	Sat 17/9/22	18 days	1 day	1372									
5	Unit 1 & 3 (41 days per unit)	44 days	0 days	44 days	0%	Sat 27/8/22	Thu 20/10/22	NA	NA	Mon 19/9/22	Thu 10/11/22	18 days	3 days	1374									
6	Unit 2 & 4 (41 days per unit)	44 days		44 days	0%	Fri 21/10/22	Sat 10/12/22		NA	Fri 11/11/22	Mon 2/1/23	18 days		1375									$\mathbb{L} \parallel$
7	Unit 5 & 6 (41 days per unit)	44 days		44 days	0%	Mon 12/12/22		NA	NA	Tue 3/1/23	Sat 25/2/23	18 days		1376									
	Remove struts and backfilling	24 days		24 days	0%	Mon 6/2/23	Sat 4/3/23	NA	NA	Mon 27/2/23	Sat 25/3/23	18 days		1376,1377									
)	Reinstate seawall	50 days		50 days	0%	Mon 6/3/23	Mon 8/5/23		NA	Mon 27/3/23	Tue 30/5/23	18 days		1378									1
	Part 10 - CHA79-89 (10m)	286 days		286 days	0%	Wed 2/6/21	Wed 18/5/22		NA	Wed 2/6/21	Thu 9/6/22	0 days	1 uuyo	1370									
) I	Access Date - Part 10			0 days	0%	Wed 2/6/21	Wed 16/3/22 Wed 2/6/21		NA NA	Wed 2/6/21	Wed 2/6/21		0 days	4FS+734 days,1'			W	16					
-		0 days				Wed 2/6/21 Sun 2/1/22			NA NA	Wed 2/6/21 Tue 22/2/22	Tue 22/2/22		o uays	+1°5+754 uays,1				١				ווון	
_	Tempoary Works Design and Method Statement Submission		0 days	0 days	0%		Sun 2/1/22					40 days		1202						4/11			
	Tempoary Works Design and Method Statement Comment by PM	21 days		21 days	0%	Mon 3/1/22	Wed 26/1/22		NA	Tue 22/2/22	Thu 17/3/22	40 days		1382									
	Temporary ELS & Excavation	14 days		14 days	0%	Fri 25/2/22	Sat 12/3/22		NA	Fri 18/3/22	Sat 2/4/22	18 days		1388,1381,1391,									
	Box Culvert with Feeder Installation	47 days		47 days	0%	Mon 14/3/22	Wed 11/5/22		NA	Mon 4/4/22	Wed 1/6/22	18 days		1384,1381,1391									
	Remove struts and backfilling	6 days	-	6 days	0%	Thu 12/5/22	Wed 18/5/22		NA	Thu 2/6/22	Thu 9/6/22		1 days	1392,1385							4111		
	Part 1 - CH89-165 (76m) 6 Units	193 days	-	193 days	0%	Mon 16/8/21		NA	NA	Mon 6/9/21	Wed 1/6/22	18 days											
	Temporary ELS & Excavation	25 days	0 days	25 days	0%	Mon 16/8/21	Mon 13/9/21	NA	NA	Mon 6/9/21	Wed 6/10/21	18 days		9,1147,1445						 			
	Unit 1 & 3 (41 days per unit)	44 days	0 days	44 days	0%	Tue 14/9/21	Sat 6/11/21	NA	NA	Thu 7/10/21	Sat 27/11/21	18 days	4 days	1388,418,570									
	Unit 2 & 4 (41 days per unit)	44 days	0 days	44 days	0%	Mon 8/11/21	Thu 30/12/21	NA	NA	Mon 29/11/21	Fri 21/1/22	18 days	4 days	1389						† 			
	Unit 5 & 6 (41 days per unit)	44 days	0 days	44 days	0%	Fri 31/12/21	Thu 24/2/22	NA	NA	Sat 22/1/22	Thu 17/3/22	18 days	4 days	1390									
2	Remove struts and backfilling	36 days	0 days	36 days	0%	Fri 25/2/22	Fri 8/4/22	NA	NA	Thu 21/4/22	Wed 1/6/22	43 days	1 days	1390,1391									
	Elevated Landscape Deck CH1920 - 2090	1178 day	ys 11.27 days	1166.74 days?	0%	Thu 16/5/19	Sat 29/4/23	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	321 da		-	+ + +							++++	+
4	Agree Interface Coordination Plan with KL/2014/01 Contractor	14 days	14 days	0 days	100%	Thu 16/5/19	Fri 31/5/19	Thu 16/5/19	Fri 31/5/19	Thu 16/5/19	Fri 31/5/19	0 days	0 days										
5	Ch1920-CH2060	1 day?	0 days	1 day?	0%	Sat 23/5/20	Sat 23/5/20	NA	NA	Wed 29/5/24	Wed 29/5/24	1467 d											
6	Part 1 - CH1919-2020 (70m) 4 bays	181 days	o days	181 days	0%	Mon 5/7/21	Thu 10/2/22	NA	NA	Wed 8/9/21	Mon 14/2/22	3 days								 			
	Pier Temporary Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 5/7/21	Mon 5/7/21	NA	NA	Wed 8/9/21	Wed 8/9/21	65 days	1 day					5/7					
	Pier Temporary Works Design and Method Statement Comment & Approval	45 days	0 days	45 days	0%	Mon 5/7/21	Wed 18/8/21	NA	NA	Wed 8/9/21	Fri 22/10/21	65 days	1 day	1397									
)	CH1930 Pier (1set x 3nos.):	12 days	0 days	12 days	0%	Tue 5/10/21	Tue 19/10/21	NA	NA	Fri 8/10/21	Fri 22/10/21	3 days		1075,1076,1066									
	CH1950-CH2020: Pier (3sets x 3nos) - 1 day/no 1 team	11 days	0 days	11 days	0%	Wed 20/10/21	Mon 1/11/21	NA	NA	Sat 23/10/21	Thu 4/11/21	3 days	2 day	579,1398,1399									
	Falsework Temporary Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Wed 1/9/21	Wed 1/9/21	NA	NA	Tue 21/9/21	Tue 21/9/21	20 days	1 day					4 1/9	9				
	Falsework Temporary Works Design and Method Statement Comment &	45 days	0 days	45 days	0%	Wed 1/9/21	Fri 15/10/21	NA	NA	Tue 21/9/21	Thu 4/11/21	20 days	1 day	1401									
+	Approval Falsework erection	10 days		10 days	0%	Tue 2/11/21	Fri 12/11/21		NA	Fri 5/11/21	Tue 16/11/21	1	1 day	1400,1402									
4	Deck & Secondary Upstand Beam Temporary Works Design and Method	0 days		0 days	0%	Wed 1/9/21	Wed 1/9/21		NA	Sun 3/10/21	Sun 3/10/21	32 days		-				6 1/0					
5	Statement Submission Deck & Secondary Upstand Beam Temporary Works Design and Method	45 days		45 days	0%	Wed 1/9/21	Fri 15/10/21		NA	Sun 3/10/21	Tue 16/11/21			1404									
6	Statement Comment & Approval Deck (4 bays) 12d/bay & link bridge (12d/bay)	25 days		25 days	0%	Sat 13/11/21	Sat 11/12/21		NA	Wed 17/11/21	Wed 15/12/21		-	1403,625,623FS									
		25 days	ounys	25 days			Sut 11/12/21	171	1721		13/12/21	Junys	1 uuy										Щ
	1 Prog with Progress Task Split	Summary Project Sun	nmarv		Inactive Mi			Duration-or Manual Sur	nly mmary Rollup		Start-only Finish-only		C 3	Extern Deadli	al Milestone	\$			tical Split gress	t			
22-N	1ay-20 Split Milestone ◆	Inactive Ta			Manual Ta			Manual Sur			External Tas	ks	7	Critica		_			gress nual Prog	rress			



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Task Nan	e	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total TRA Slack	Predecessors	2020 O2 O3	04 01	2021 Q2 Q3	04 01	2022 Q2 Q3	03 04	Q1 Q2
451	Lift Pilecap and ELS - Temp. Works Foundation Design and Method Statement Comment & Appraoval	30 days		30 days	0%	Mon 21/12/20	Tue 19/1/21	NA	NA	Tue 16/11/21	Wed 15/12/21	330 days 0.5 day	1450	<u>-</u>						
452	Intall Sheetpile, ELS, Excavation and Temp. Works Installation (Shoring, Drainage & Slope Protection)	38 days	0 days	38 days	0%	Tue 2/2/21	Sat 20/3/21	NA	NA	Thu 16/12/21	Fri 4/2/22	259 days 2 days	1447,1451		***	$-\parallel \parallel \parallel \parallel$				
453	Footing Construction	75 days	0 days	75 days	0%	Thu 13/5/21	Wed 11/8/21	NA	NA	Sat 5/2/22	Sat 7/5/22	218 days 2 days	1452,1449,587							
454	Sheepile Extraction & Backilling	25 days	0 days	25 days	0%	Thu 12/8/21	Thu 9/9/21	NA	NA	Mon 9/5/22	Tue 7/6/22	218 days 1 day	1453							
455	Lift Structure - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/6/21	Tue 1/6/21	NA	NA	Tue 3/5/22	Tue 3/5/22	336 days 0.5 day				1/6				
456	Lift Structure - Temp. Works Design and Method Statement Comment & Appraova		-	36 days	0%	Tue 1/6/21	Tue 6/7/21	NA	NA	Tue 3/5/22	Tue 7/6/22	336 days 0.5 day	1455			1,0				
457	Lift Tower: Falsework & Formwork Erection, Rebar Fixing & Concreting	63 days	-	63 days	0%	Fri 10/9/21	Thu 11/11/21		NA	Wed 8/6/22	Tue 9/8/22	271 days 3 days	1454,1157,1456							
458	Lift installation (LT1 & LT2)	90 days	0 days	90 days	0%	Fri 24/12/21	Tue 19/4/22	NA	NA	Fri 11/11/22	Tue 28/2/23	261 days 1 day	1457FS+36 days							
159	E & M installation	33 days	0 days	33 days	0%	Wed 20/4/22	Fri 27/5/22	NA	NA	Wed 1/3/23	Wed 12/4/23	261 days 3 days	1458							
160	Louvers and Glazing Installation	27 days	0 days	27 days	0%	Sat 11/12/21	Fri 14/1/22	NA	NA	Thu 8/9/22	Wed 12/10/22	220 days 3 days	1457FS+25 days							
161	Parapet Installation and Finishing Works	40 days	0 days	40 days	0%	Sat 15/1/22	Sat 5/3/22	NA	NA	Thu 13/10/22	Mon 28/11/22	220 days 3 days	1460					k		
62	Testing & commissioning	15 days	0 days	15 days	0%	Sat 28/5/22	Wed 15/6/22	NA	NA	Thu 13/4/23	Sat 29/4/23	261 days 0.5 days	1459							
463	CLP Meter Installation	0 days	0 days	0 days	0%	Mon 18/4/22	Mon 18/4/22		NA	Mon 18/4/22	Mon 18/4/22	0 days 0.5 day						♦ 18/4		
464			-		0%	Wed 15/6/22	Wed 15/6/22						1450 1460							
	EMSD Submission Form 5 for Lift Inspection	0 days	0 days	0 days					NA	Tue 2/5/23	Tue 2/5/23	320 days 0.5 day								
465	EMSD Lift Inspection	0 days	0 days	0 days	0%	Wed 29/6/22	Wed 29/6/22		NA	Tue 16/5/23	Tue 16/5/23	320 days 0.5 day						29	//6	
466	Issuance of Lift Use Permit	0 days	0 days	0 days	0%	Thu 14/7/22	Thu 14/7/22	NA	NA	Tue 30/5/23	Tue 30/5/23	320 days 0.5 day	1465FS+15 days						.4/7	+
167	Staircase ST1	100 days	s 0 days	100 days	0%	Fri 12/11/21	Tue 15/3/22	NA	NA	Fri 25/11/22	Sat 25/3/23	309 days 5 days	587,367,1457							+
468	Finishing and E&M Works	50 days	0 days	50 days	0%	Wed 16/3/22	Tue 17/5/22	NA	NA	Mon 27/3/23	Tue 30/5/23	309 days 0.5 day	1467,367					 	+++++	+
169	L12d Underground Drainage and Utilities Laying	75 days	0 days	75 days	0%	Mon 7/3/22	Tue 7/6/22	NA	NA	Tue 29/11/22	Tue 28/2/23	220 days 1 day	1457,1460,1461				/ 			
170	L12d Roadworks and Pedestrian, with Light Pole	36 days	0 days	36 days	0%	Wed 8/6/22	Wed 20/7/22	NA	NA	Wed 1/3/23	Sat 15/4/23	220 days 1 day	1469,349							
71	L12d Roadworks and Pedestrian	36 days	-	36 days	0%	Thu 21/7/22	Wed 31/8/22		NA	Mon 17/4/23	Tue 30/5/23	220 days 1 day	1470						$1 \mid \mid \mid \mid \mid \mid$	
													1470							
	en Space & Promenade	564 days		564 days	0%	Mon 28/6/21	Thu 18/5/23		NA	Sun 1/8/21	Tue 30/5/23	9 days								
73	Open Space & Promenade (From Northern End - CH1720)	564 days	s 0 days	564 days	0%	Mon 28/6/21	Thu 18/5/23	NA	NA	Sun 15/8/21	Tue 30/5/23	9 days								
74	Observation Deck	358 days	s 0 days	358 days	0%	Tue 1/3/22	Fri 12/5/23	NA	NA	Fri 6/5/22	Tue 30/5/23	14 days					/ 			
75	Foundation - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/3/22	Tue 1/3/22	NA	NA	Fri 6/5/22	Fri 6/5/22	66 days 0.5 day						1/3		
76	Foundation - Temp. Works Design and Method Statement Comment &	45 days	0 days	45 days	0%	Tue 1/3/22	Thu 14/4/22	NA	NA	Fri 6/5/22	Sun 19/6/22	66 days 0.5 day	1475,639,646				 	┶ ┤ '		
77	Appraoval G.I. works for LT5	12 days	0 days	12 days	0%	Sat 4/6/22	Fri 17/6/22	NA	NA	Mon 20/6/22	Mon 4/7/22	13 days 2 days	1447,611,604,15					#		
78	Design Vertification	25 days		25 days	0%	Sat 18/6/22	Mon 18/7/22	NA	NA	Tue 5/7/22	Tue 2/8/22	13 days 1 day	1477							
179	Predrilling works for Socket H- pile	12 days	-		0%	Tue 19/7/22	Sat 30/7/22		NA	Wed 3/8/22	Sun 14/8/22	15 days	1478							
	·			12 days																
80	Socket H-pile Installation	37 days		37 days	0%	Mon 1/8/22	Tue 13/9/22	NA	NA	Mon 15/8/22	Tue 27/9/22	12 days 2 days	367,1155,726,14							
181	Pile Testing	43 days	0 days	43 days	0%	Wed 14/9/22	Fri 4/11/22	NA	NA	Wed 28/9/22	Fri 18/11/22	12 days 1 day	1480							
482	Structure & Lift Core - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 20/6/22	Mon 20/6/22	NA	NA	Wed 5/10/22	Wed 5/10/22	107 days 0.5 day						20/	6	
483	Structure & Lift Core - Temp. Works Design and Method Statement	45 days	0 days	45 days	0%	Mon 20/6/22	Wed 3/8/22	NA	NA	Wed 5/10/22	Fri 18/11/22	107 days 0.5 day	1482						HHH	
184	Comment & Appraoval Trech Excavation for Pipe Laying Works	30 days	0 days	30 days	0%	Sat 4/6/22	Sat 9/7/22	NA	NA	Wed 15/6/22	Wed 20/7/22	9 days 2 days	15							
185	Pipe laying works, Cable Laying and Drawpits	36 days	0 days	36 days	0%	Mon 11/7/22	Sat 20/8/22	NA	NA	Thu 21/7/22	Wed 31/8/22	9 days 5 days	15,1484							
486	Observation Deck: Substructure with Excavation/ELS works	36 days		36 days	0%	Sat 5/11/22	Fri 16/12/22		NA	Sat 19/11/22	Sat 31/12/22	12 days 1 day	163,506,1483,14							
187																				
	Observation Deck: Superstructure with Lift Core and Staircase work	72 days		72 days	0%	Sat 17/12/22	Sun 26/2/23		NA	Mon 2/1/23	Tue 14/3/23	16 days 1 day	1486							
188	LT5: Lift installation with T&C and Statutory Inspection	60 days		60 days	0%	Mon 27/2/23	Fri 12/5/23		NA	Wed 15/3/23	Tue 30/5/23	14 days 1 day	713,1487						$\ \ \ \ \ $	
489	E&M and ABWF works, Landscaping and paving works	110 days	s 0 days	110 days	0%	Sat 17/12/22	Thu 4/5/23	NA	NA	Thu 12/1/23	Tue 30/5/23	21 days 3 days	1528,717,1486							
490	Toilet	416 days	s 0 days	416 days	0%	Mon 28/6/21	Wed 16/11/2	2 NA	NA	Sun 15/8/21	Fri 24/2/23	41 days							 	
191	Foundation - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 28/6/21	Mon 28/6/21	NA	NA	Sun 15/8/21	Sun 15/8/21	48 days 0.5 days				◆ -28/6				
192	Foundation - Temp. Works Design and Method Statement Comment &	45 days	0 days	45 days	0%	Sat 24/7/21	Mon 6/9/21	NA	NA	Sun 15/8/21	Tue 28/9/21	22 days 0.5 days	1491,639,646							
193	Appraoval Footing	16 days		16 days	0%	Thu 16/9/21	Wed 6/10/21		NA	Wed 29/9/21	Tue 19/10/21	10 days 0.5 days				111				
494	Structure - Temp. Works Design and Method Statement Submission	0 days		0 days	0%	Mon 26/7/21	Mon 26/7/21		NA	Fri 3/9/21	Fri 3/9/21	39 days 0.5 days				26/7				
495	Structure - Temp. Works Design and Method Statement Comment & Appraoval	47 days	0 days	47 days	0%	Mon 26/7/21	Fri 10/9/21	NA	NA	Fri 3/9/21	Tue 19/10/21	39 days 2 days	1494							
tle. Roy 11 Dr	og with Progress	Summary			Inactive M	filestone \Diamond		Duration-c	only		Start-only	Е	Exte	mal Milestone	\$	C	ritical Split			
INCV. I I FI	20 Split	Project Sur	nmarv		Inactive S	ummary		Manual Su	mmary Rollup		Finish-only	3	Dead	lline	1	Pr	rogress	_		_

						Cont	Iact No. ED	/2010/01 K	TD Project												
Γ	Task Name	Duration Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis	sh Late Start	Late Finish	Total Slack	TRA	Predecessors	2020	04 01 1	2021	04 01	2022 Q2 Q3 Q	M 01 1 0	2023	04 0
96	Structure work	45 days 0 days	45 days	0%	Thu 7/10/21	Mon 29/11/21	NA	NA	Wed 20/10/21	Fri 10/12/21	10 days	0.5 days	1493,506,1495	Q2 Q3 (Q4 Q1	Q2 Q3	Q4 Q1	, Q2 Q3 Q	04 Q1 Q	2 Q3	<u>Q4</u> <u>Q1</u>
97	MIC toilet unit	24 days 0 days	24 days	0%	Tue 30/11/21	Wed 29/12/21	NA	NA	Sat 11/12/21	Tue 11/1/22	10 days	0.5 days	1496								
98	MIC toilet unit: E&M and ABWF works	75 days 0 days	75 days	0%	Thu 30/12/21	Thu 31/3/22	NA	NA	Wed 23/2/22	Wed 25/5/22	43 days	3 days	1497,717					<u></u>			
99	Observation Tower Construction	31 days 0 days	31 days	0%	Thu 30/12/21	Tue 8/2/22	NA	NA	Wed 19/1/22	Sat 26/2/22	16 days	1 day	1496,1497								
500	Observation Tower: Building Works and E&M Works	76 days 0 days	76 days	0%	Wed 9/2/22	Thu 12/5/22	NA	NA	Mon 28/2/22	Tue 31/5/22	16 days	1 day	1499								
501	Refuse Collection Block and Back of House: Structure Works	101 days 0 days	101 days	0%	Wed 9/2/22	Sat 11/6/22	NA	NA	Fri 20/5/22	Sat 17/9/22	82 days	1 day	1496,1497,1499				#_				
502	Refuse Collection Block and Back of House: Building Works and E&M	131 days 0 days	131 days	0%	Mon 13/6/22	Wed 16/11/22	NA	NA	Mon 19/9/22	Fri 24/2/23	82 days	1 day	1501								
03	Works Amphitheater	95 days 0 days	95 days	0%	Wed 9/2/22	Sat 4/6/22	NA	NA	Wed 11/5/22	Wed 31/8/22	74 days	5 days	1496,639,646,14				#_				
04	Fast food (Light Refreshment) kiosk deck	45 days 0 days	45 days	0%	Tue 30/11/21	Mon 24/1/22	NA	NA	Thu 20/1/22	Wed 16/3/22	41 days	0.5 days	611,1496,604,61								
05	Fast food (Light Refreshment) Kiosk: Building Works and E&M Works	86 days 0 days	86 days	0%	Sat 26/2/22	Sat 11/6/22	NA	NA	Thu 17/3/22	Thu 30/6/22	16 days	1 day	1504,639,646,14				+				
06	Fitness Ground Lawn & Water Play Plaza	82 days 0 days	82 days	0%	Mon 13/6/22	Sat 17/9/22		NA	Sat 2/7/22	Sat 8/10/22	16 days		days,1500FF+25 1505								
07	Stepped Stage and Seating & Back of House Facility (under Bridge D3)	30 days 0 days	30 days	0%	Mon 22/8/22	Mon 26/9/22		NA	Thu 1/9/22	Sat 8/10/22	9 days		1503,1485								
08	Trim and form formation level within Open Space & Promenade area	45 days 0 days	45 days	0%	Tue 27/9/22	Sat 19/11/22		NA	Mon 10/10/22	Wed 30/11/22	1		1507,1505,1506,								
09	Paving work & Hard Landscaping Works	45 days 0 days	45 days	0%		Thu 12/1/23		NA	Thu 1/12/22	Thu 26/1/23		2 days	1508,1500,1498								
510											1	_									
	ABWF, E&M work and street furniture	75 days 0 days	75 days	0%		Mon 20/2/23		NA NA	Sat 25/2/23	Tue 30/5/23	79 days		1508,1509SS,15						0/1		
11	FSD Form 501 Submission for FS Inspection	0 days 0 days	0 days	0%	Mon 9/1/23		NA	NA	Mon 1/5/23	Mon 1/5/23	111 days		1510SS+50 days						9/1		
12	FSD Inspection	0 days 0 days	0 days	0%	Tue 24/1/23	Tue 24/1/23		NA	Tue 16/5/23	Tue 16/5/23	111 days		1511FS+15 days								
13	Issuance of FS Certificate	0 days 0 days	0 days	0%	Wed 8/2/23	Wed 8/2/23		NA	Tue 30/5/23	Tue 30/5/23	111 days		1512FS+15 days						▼ 8/2 1	.	
14	Landscaping works and Planting works	100 days 0 days	100 days	0%	Fri 13/1/23	Thu 18/5/23	NA	NA	Fri 27/1/23	Tue 30/5/23	1	4 days	1509,668,1503,6							.11	
15	Open Space & Promenade (From CH1720 - South End)	477 days 0 days	477 days	0%	Mon 12/7/21	Mon 13/2/23	NA	NA	Sun 1/8/21	Tue 30/5/23	18 days										
16	Modification Seawall - Temp. Works Design and Method Statement Submission	0 days 0 days	0 days	0%	Mon 12/7/21	Mon 12/7/21	NA	NA	Sun 1/8/21	Sun 1/8/21	20 days	1 day				12/7					
17	Modification Seawall - Temp. Works Design and Method Statement Comment & Appraoval	k 30 days 0 days	30 days	0%	Mon 12/7/21	Tue 10/8/21	NA	NA	Sun 1/8/21	Mon 30/8/21	20 days	2 days	1516								
18	Modification (Seawall) CH1720-1820	150 days 0 days	150 days	0%	Wed 11/8/21	Fri 11/2/22	NA	NA	Tue 31/8/21	Thu 3/3/22	17 days	1 day	1517								
19	Modification (Seawall) CH1820-1920	150 days 0 days	150 days	0%	Wed 15/9/21	Fri 18/3/22	NA	NA	Thu 7/10/21	Fri 8/4/22	17 days	1 day	1518SS+30 days)			
20	Temporary toilet	24 days 0 days	24 days	0%	Mon 13/9/21	Tue 12/10/21	NA	NA	Fri 14/1/22	Mon 14/2/22	100 days	0.5 days	506,655,660				$h \mid l'$				
21	Temporary Toilet: Building Works and E&M Works	75 days 0 days	75 days	0%	Wed 13/10/21	Wed 12/1/22	NA	NA	Sat 28/1/23	Sat 29/4/23	385 days	0.5 day	1520,655,660								
22	Temporary Management Office: Structure Works	45 days 0 days	45 days	0%	Sat 25/9/21	Thu 18/11/21	NA	NA	Wed 26/1/22	Tue 22/3/22	100 days	0.5 days	1520SS+10 days								
23	Temporary Management Office: Building Works and E&M Works	100 days 0 days	100 days	0%	Fri 19/11/21	Tue 22/3/22	NA	NA	Wed 23/3/22	Sat 23/7/22	100 days	0.5 day	1522,655,660				+				
24	Floating Stage Concrete structure	18 days 0 days	18 days	0%	Sat 19/3/22	Sat 9/4/22	NA	NA	Sat 9/4/22	Tue 3/5/22	17 days	0 days	1519,1518,1522				+	<u>K</u>			
25	Stepped Seating at Southern End	24 days 0 days	24 days	0%	Mon 11/4/22	Wed 11/5/22	NA	NA	Wed 4/5/22	Tue 31/5/22	17 days	0.5 days	1524								
26	Trim and form formation level within Open Space & Promenade area	14 days 0 days	14 days	0%	Thu 12/5/22	Fri 27/5/22	NA	NA	Wed 1/6/22	Fri 17/6/22	17 days	0 days	1525								
27	Paving work and Landscaping Works	30 days 0 days	30 days	0%	Sat 28/5/22	Mon 4/7/22	NA	NA	Sat 18/6/22	Sat 23/7/22	17 days	0.5 days	1526,1522,1525,								
28	ABWF, E&M work and street furniture	75 days 0 days	75 days	0%	Tue 5/7/22	Fri 30/9/22	NA	NA	Mon 25/7/22	Sat 22/10/22	17 days	1 day	1527,717,1523					+			
29	CLP Meter Installation	0 days 0 days	0 days	0%	Fri 30/9/22	Fri 30/9/22	NA	NA	Mon 1/5/23	Mon 1/5/23	212 days	0.5 day	1528,1521,1523					→ 30	9/9		
30	FSD Form 501 Submission for FS Inspection	0 days 0 days	0 days	0%	Thu 8/12/22	Thu 8/12/22	NA	NA	Mon 1/5/23	Mon 1/5/23	144 days	0.5 day	1529						8/12		
31	FSD Inspection	0 days 0 days	0 days	0%	Thu 22/12/22	Thu 22/12/22	NA	NA	Tue 16/5/23	Tue 16/5/23	144 days		1530FS+15 days						22/12		
32	Issuance of FS Certificate	0 days 0 days	0 days	0%	Fri 6/1/23	Fri 6/1/23		NA	Tue 30/5/23	Tue 30/5/23	144 days		1531FS+15 days						6/1		
33	Open Space & Promenade: Landscaping works	110 days 0 days	110 days	0%	Mon 3/10/22	Mon 13/2/23		NA	Mon 24/10/22	Sat 4/3/23	17 days		1528,668,1243FI						0/1		
34	Open Space & Promenade: Planting works	110 days 0 days	110 days	0%	Mon 3/10/22	Mon 13/2/23		NA	Mon 24/10/22	Sat 4/3/23	17 days		1528,668,1243FI]	
35	Part 1, 2A, 2B - Road L12	193 days 0 days	193 days	0%	Tue 23/8/22	Mon 17/4/23		NA	Thu 6/10/22	Tue 30/5/23	35 days		1520,000,124311								
36	Part 1, 2A, 2B - Road L12 Trim road formation			0%		Thu 25/8/22		NA NA					1274,1283,1296,					#			
		3 days 0 days	3 days		Tue 23/8/22				Thu 6/10/22	Sat 8/10/22	35 days	-						1			
37	Lay sub base	7 days 0 days	7 days	0%	Fri 26/8/22	Fri 2/9/22		NA		Mon 17/10/22			1536					1			
538	Lay kerb	12 days 0 days	12 days	0%	Sat 3/9/22	Sat 17/9/22		NA	Tue 18/10/22	Mon 31/10/22		-	1537					1			
539	Construct pedestrian street/ footpath	14 days 0 days	14 days	0%	Mon 19/9/22	Thu 6/10/22		NA	Tue 1/11/22	Wed 16/11/22		-	1538								
40	Install central median	14 days 0 days	14 days	0%	Fri 7/10/22	Sat 22/10/22	NA	NA	Thu 17/11/22	Fri 2/12/22	35 days	1 day	1539								
e: Re	ev. I I Prod with Progress	Summary		Inactive M			Duration-o			Start-only				nal Milestone	\$		Critical Split				
	2-May-20 Split	Project Summary		Inactive S	ummary		Manual Su	mmary Rollup		Finish-only		3	Dead	line	4	P	rogress				

							Con	tract No. ED/	2018/01 KT	D Project													
1	Task Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	2020 Q2 Q3	Q4 C	01 Q2	021 Q3 Q4	Q1 Q2	03 Q4	Q1 Q2	2023 Q3	Q4 Q1
1541	Concrete infill between profile barrier	7 days	0 days	7 days	0%	Mon 24/10/22	Mon 31/10/22	NA NA	NA	Sat 3/12/22	Sat 10/12/22	35 days	0 days	1540						H			
1542	Road pavement	5 days	0 days	5 days	0%	Tue 1/11/22	Sat 5/11/22	NA	NA	Mon 12/12/22	Fri 16/12/22	35 days	0 days	1541						<u> </u>			
1543	Install street furniture (Part 1, 2A, 2B - Road L12)	131 days	0 days	131 days	0%	Mon 7/11/22	Mon 17/4/23	NA	NA	Sat 17/12/22	Tue 30/5/23	35 days	6 days	1542									
544	Planting Works for Underpass, South Depress Road and At-Grade Road	130 days	0 days	130 days	0%	Mon 7/11/22	Sat 15/4/23	NA	NA	Mon 19/12/22	Tue 30/5/23	36 days	10 days	668									
545	Landscaping Works for Underpass, South Depress Road and At-Grade	130 days	0 days	130 days	0%	Mon 7/11/22	Sat 15/4/23	NA	NA	Mon 19/12/22	Tue 30/5/23	36 days	10 days	668						*			
546	Planned Completion for Section 6	0 days	0 days	0 days	0%	Thu 18/5/23	Thu 18/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	9 days	0 days	1533,1543,1532,							*	18/5	
547	Section 7	365 days	0 days	365 days	0%	Mon 6/3/23	Wed 29/5/24	NA	NA	Mon 6/3/23	Wed 29/5/24	0 days											
548	Establishment work for landscape softwork	365 days	0 days	365 days	0%	Mon 6/3/23	Wed 29/5/24	NA	NA	Mon 6/3/23	Wed 29/5/24	0 days	10 days	1533,1534									
549	Planned Completion for Section 7	0 days	0 days	0 days	0%	Wed 29/5/24	Wed 29/5/24	NA	NA	Wed 29/5/24	Wed 29/5/24	0 days		1548,6									
550	Section 10 (Subject to Excision)	614 days	0 days	614 days	0%	Tue 20/4/21	Thu 11/5/23	NA	NA	Mon 10/5/21	Tue 30/5/23	15 days					Н						
551	Decking for Underpass (Rd L14)	614 days	0 days	614 days	0%	Tue 20/4/21	Thu 11/5/23	NA	NA	Mon 10/5/21	Tue 30/5/23	15 days					Н						
552	Deck for Underpass (Road L14) - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 20/4/21	Tue 20/4/21	NA	NA	Mon 10/5/21	Mon 10/5/21	20 days	0.5 day				◆ 20	/4					
553	Deck for Underpass (Road L14) - Temp. Works Design and Method Statement Comment & Appraoval	21 days	0 days	21 days	0%	Tue 20/4/21	Mon 10/5/21	NA	NA	Mon 10/5/21	Sun 30/5/21	20 days	0.5 day	1552			*						
554	Support along U-through	225 days	0 days	225 days	0%	Mon 31/5/21	Tue 1/3/22	NA	NA	Mon 31/5/21	Tue 1/3/22	0 days	10 days	23,185,1553,192			*	7					
555	Plinth installation along support	123 days	0 days	123 days	0%	Wed 2/3/22	Fri 29/7/22	NA	NA	Wed 2/3/22	Fri 29/7/22	0 days	6 days	1554					*	-			
556	Placing of beam along underpass	90 days	0 days	90 days	0%	Thu 1/9/22	Sun 18/12/22	NA	NA	Thu 1/9/22	Mon 19/12/22	0 days	4 days	1555FS+28 days						—			
557	Finishing and E&M Works	110 days	0 days	110 days	0%	Mon 19/12/22	Fri 5/5/23	NA	NA	Thu 12/1/23	Tue 30/5/23	20 days		1556,279						*			
558	Cover-up (Roof)	115 days	0 days	115 days	0%	Mon 19/12/22	Thu 11/5/23	NA	NA	Mon 19/12/22	Thu 11/5/23	0 days	5 days	1556						¥			
559	Planned Completion for Section 10	0 days	0 days	0 days	0%	Thu 11/5/23	Thu 11/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	19 days	0.5 days	1558,158,1557							*	11/5	

Appendix C – Weather information

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/01/2021	8.6	15.0	0.0
02/01/2021	10.4	17.8	0.0
03/01/2021	13.4	20.6	0.0
04/01/2021	16.9	20.7	0.0
05/01/2021	17.3	21.9	0.0
06/01/2021	16.0	19.6	0.0
07/01/2021	10.6	18.3	0.0
08/01/2021	7.7	10.7	0.0
09/01/2021	8.0	13.1	0.0
10/01/2021	11.0	15.2	0.0
11/01/2021	9.2	12.4	0.0
12/01/2021	8.6	15.7	0.0
13/01/2021	10.4	17.8	0.0
14/01/2021	11.8	19.5	0.0
15/01/2021	14.6	20.9	0.0
16/01/2021	15.8	20.3	0.0
17/01/2021	14.1	19.6	0.0
18/01/2021	11.7	17.3	0.0
19/01/2021	12.6	17.4	0.0
20/01/2021	16.1	21.4	0.0
21/01/2021	17.6	22.8	0.0
22/01/2021	18.2	24.5	0.0
23/01/2021	17.7	24.4	0.0
24/01/2021	17.3	20.0	Trace
25/01/2021	16.9	22.9	0.0
26/01/2021	17.4	23.5	0.0
27/01/2021	17.6	21.9	0.0
28/01/2021	16.5	22.8	0.0
29/01/2021	14.3	19.7	0.0
30/01/2021	14.8	19.5	0.0
31/01/2021	16.0	21.6	0.0

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/02/2021	17.2	25.1	0
02/02/2021	17.7	27.6	0
03/02/2021	16.7	21.7	0
04/02/2021	16.8	23.8	0
05/02/2021	17.3	23.9	0
06/02/2021	17.5	25.7	0
07/02/2021	18.1	24.1	0
08/02/2021	18.2	22.7	0
09/02/2021	17.3	19.7	Trace
10/02/2021	15.8	17.4	32.2
11/02/2021	15.3	19.9	0
12/02/2021	15.5	22.3	0
13/02/2021	16.5	23.8	0
14/02/2021	17.4	22.8	0
15/02/2021	17.8	26.2	0
16/02/2021	18.2	24.2	0
17/02/2021	18.3	24.6	0
18/02/2021	16.7	22.9	0
19/02/2021	15.8	22.9	0
20/02/2021	16.7	23.9	0
21/02/2021	17.3	24.9	0
22/02/2021	18.4	26	0
23/02/2021	18.8	26.4	0
24/02/2021	18.9	22.9	Trace
25/02/2021	18.8	22.7	1.8
26/02/2021	20.4	25.1	14.7
27/02/2021	18.1	20.8	13.4
28/02/2021	18.1	22.8	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

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2021&m=1

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=2021&m=2

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/03/2021	20	25	Trace
02/03/2021	19.1	25.6	Trace
03/03/2021	17.8	19.1	0.3
04/03/2021	18.3	19.4	1
05/03/2021	19.2	21.1	Trace
06/03/2021	19.6	21.7	1.5
07/03/2021	19.1	20.5	0.2
08/03/2021	18.3	22.6	0.3
09/03/2021	18.6	22.9	0
10/03/2021	19.2	21.7	Trace
11/03/2021	18.8	24.2	0
12/03/2021	20.2	27.7	0
13/03/2021	20.5	24.7	Trace
14/03/2021	20.1	23.6	0
15/03/2021	19.9	26.3	0
16/03/2021	21.1	28.8	0
17/03/2021	21.8	28.8	Trace
18/03/2021	22.2	26.2	0.2
19/03/2021	22.8	27.7	Trace
20/03/2021	22.3	29.7	0
21/03/2021	17.2	24.2	0
22/03/2021	15.8	20.9	Trace
23/03/2021	17.9	20	0
24/03/2021	18.4	23.5	0
25/03/2021	20.7	25.2	0
26/03/2021	19.5	25.2	0
27/03/2021	21.8	28.6	0
28/03/2021	22.6	28.1	0
29/03/2021	23.6	28.5	0
30/03/2021	25.3	29	0
31/03/2021	25.3	29	0

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=2021&m=3

Date	Time	Wind Speed (m/s)	Wind Direction												
01/01/2021	0:00	0	180	02/01/2021	0:00	0.4	22.5	03/01/2021	0:00	2.2	67.5	04/01/2021	0:00	0.4	0
01/01/2021	1:00	0.4	22.5	02/01/2021	1:00	0.4	0	03/01/2021	1:00	1.3	90	04/01/2021	1:00	0.4	90
01/01/2021	2:00	0	337.5	02/01/2021	2:00	0.4	67.5	03/01/2021	2:00	0.9	0	04/01/2021	2:00	0.9	22.5
01/01/2021	3:00	0.4	270	02/01/2021	3:00	0	337.5	03/01/2021	3:00	0.9	112.5	04/01/2021	3:00	0.4	337.5
01/01/2021	4:00	0.4	22.5	02/01/2021	4:00	0	337.5	03/01/2021	4:00	0	157.5	04/01/2021	4:00	0.9	112.5
01/01/2021	5:00	0.4	292.5	02/01/2021	5:00	0	315	03/01/2021	5:00	0	247.5	04/01/2021	5:00	0.4	45
01/01/2021	6:00	0	22.5	02/01/2021	6:00	0	270	03/01/2021	6:00	0	225	04/01/2021	6:00	0	247.5
01/01/2021	7:00	0.4	45	02/01/2021	7:00	0.4	270	03/01/2021	7:00	0	135	04/01/2021	7:00	0.9	67.5
01/01/2021	8:00	0	45	02/01/2021	8:00	0	247.5	03/01/2021	8:00	0	225	04/01/2021	8:00	0.4	67.5
01/01/2021	9:00	0.9	45	02/01/2021	9:00	0.4	45	03/01/2021	9:00	0.4	22.5	04/01/2021	9:00	0.9	112.5
01/01/2021	10:00	0.9	180	02/01/2021	10:00	1.8	22.5	03/01/2021	10:00	1.3	45	04/01/2021	10:00	0.4	315
01/01/2021	11:00	0.9	67.5	02/01/2021	11:00	1.3	22.5	03/01/2021	11:00	1.3	0	04/01/2021	11:00	0.9	112.5
01/01/2021	12:00	0.4	202.5	02/01/2021	12:00	1.3	45	03/01/2021	12:00	0.9	112.5	04/01/2021	12:00	1.3	90
01/01/2021	13:00	0.4	90	02/01/2021	13:00	1.3	112.5	03/01/2021	13:00	0.9	90	04/01/2021	13:00	0.9	112.5
01/01/2021	14:00	0.4	112.5	02/01/2021	14:00	1.3	112.5	03/01/2021	14:00	1.8	90	04/01/2021	14:00	1.3	112.5
01/01/2021	15:00	0.4	90	02/01/2021	15:00	0.9	112.5	03/01/2021	15:00	1.3	90	04/01/2021	15:00	1.8	112.5
01/01/2021	16:00	0.9	112.5	02/01/2021	16:00	0.9	135	03/01/2021	16:00	1.3	90	04/01/2021	16:00	1.8	112.5
01/01/2021	17:00	0.4	112.5	02/01/2021	17:00	1.3	90	03/01/2021	17:00	0.9	112.5	04/01/2021	17:00	0.9	135
01/01/2021	18:00	0.4	112.5	02/01/2021	18:00	0.4	180	03/01/2021	18:00	1.3	112.5	04/01/2021	18:00	0.9	112.5
01/01/2021	19:00	0.4	270	02/01/2021	19:00	0.4	67.5	03/01/2021	19:00	0.4	90	04/01/2021	19:00	0.4	225
01/01/2021	20:00	0.4	0	02/01/2021	20:00	0.4	67.5	03/01/2021	20:00	0.4	90	04/01/2021	20:00	0.4	112.5
01/01/2021	21:00	0	315	02/01/2021	21:00	0.9	112.5	03/01/2021	21:00	0.4	90	04/01/2021	21:00	0.4	22.5
01/01/2021	22:00	0.9	337.5	02/01/2021	22:00	0.9	22.5	03/01/2021	22:00	0.9	90	04/01/2021	22:00	0.4	22.5
01/01/2021	23:00	0	180	02/01/2021	23:00	1.3	90	03/01/2021	23:00	0.9	0	04/01/2021	23:00	0.9	225

Date	Time	Wind Speed (m/s)	Wind Direction												
05/01/2021	0:00	0.4	135	06/01/2021	0:00	1.8	90	07/01/2021	0:00	0.9	0	08/01/2021	0:00	0.9	90
05/01/2021	1:00	0.9	90	06/01/2021	1:00	1.3	67.5	07/01/2021	1:00	1.3	337.5	08/01/2021	1:00	0.9	112.5
05/01/2021	2:00	0.4	0	06/01/2021	2:00	1.8	90	07/01/2021	2:00	1.3	90	08/01/2021	2:00	0.9	112.5
05/01/2021	3:00	0	45	06/01/2021	3:00	0.9	45	07/01/2021	3:00	0.9	45	08/01/2021	3:00	1.3	337.5
05/01/2021	4:00	0.4	90	06/01/2021	4:00	1.3	22.5	07/01/2021	4:00	1.8	22.5	08/01/2021	4:00	1.3	337.5
05/01/2021	5:00	0	45	06/01/2021	5:00	1.3	22.5	07/01/2021	5:00	1.3	337.5	08/01/2021	5:00	1.3	22.5
05/01/2021	6:00	0	112.5	06/01/2021	6:00	1.3	0	07/01/2021	6:00	0.9	22.5	08/01/2021	6:00	0.9	67.5
05/01/2021	7:00	0	225	06/01/2021	7:00	0.9	0	07/01/2021	7:00	0.4	90	08/01/2021	7:00	1.8	45
05/01/2021	8:00	0.4	292.5	06/01/2021	8:00	1.3	22.5	07/01/2021	8:00	0.4	112.5	08/01/2021	8:00	1.3	0
05/01/2021	9:00	0	225	06/01/2021	9:00	0.9	67.5	07/01/2021	9:00	0.4	135	08/01/2021	9:00	2.2	0
05/01/2021	10:00	0.4	67.5	06/01/2021	10:00	1.3	22.5	07/01/2021	10:00	0.4	157.5	08/01/2021	10:00	0.4	247.5
05/01/2021	11:00	0.4	22.5	06/01/2021	11:00	0.9	0	07/01/2021	11:00	0.4	90	08/01/2021	11:00	1.3	22.5
05/01/2021	12:00	0.9	247.5	06/01/2021	12:00	0.9	90	07/01/2021	12:00	0.4	315	08/01/2021	12:00	0.9	292.5
05/01/2021	13:00	0.4	135	06/01/2021	13:00	0.9	90	07/01/2021	13:00	0.9	22.5	08/01/2021	13:00	1.3	90
05/01/2021	14:00	1.3	112.5	06/01/2021	14:00	1.3	90	07/01/2021	14:00	1.3	0	08/01/2021	14:00	0.9	67.5
05/01/2021	15:00	0.9	112.5	06/01/2021	15:00	0.9	112.5	07/01/2021	15:00	1.3	0	08/01/2021	15:00	1.3	337.5
05/01/2021	16:00	0.9	112.5	06/01/2021	16:00	1.3	112.5	07/01/2021	16:00	0.9	337.5	08/01/2021	16:00	0.4	45
05/01/2021	17:00	0.4	45	06/01/2021	17:00	1.3	112.5	07/01/2021	17:00	0.4	0	08/01/2021	17:00	0.9	0
05/01/2021	18:00	0	247.5	06/01/2021	18:00	0.9	112.5	07/01/2021	18:00	0.9	90	08/01/2021	18:00	0.9	112.5
05/01/2021	19:00	0.4	135	06/01/2021	19:00	0.9	315	07/01/2021	19:00	0.9	22.5	08/01/2021	19:00	0.9	0
05/01/2021	20:00	0.4	90	06/01/2021	20:00	0.9	0	07/01/2021	20:00	0.4	157.5	08/01/2021	20:00	1.3	337.5
05/01/2021	21:00	0.4	22.5	06/01/2021	21:00	0.4	0	07/01/2021	21:00	0.9	22.5	08/01/2021	21:00	1.3	315
05/01/2021	22:00	0.9	112.5	06/01/2021	22:00	0.9	315	07/01/2021	22:00	0.9	112.5	08/01/2021	22:00	0.4	0
05/01/2021	23:00	0.9	45	06/01/2021	23:00	1.8	22.5	07/01/2021	23:00	0.4	247.5	08/01/2021	23:00	0	292.5

Date	Time	Wind Speed (m/s)	Wind Direction												
09/01/2021	0:00	0.4	45	10/01/2021	0:00	0.9	0	11/01/2021	0:00	0.4	157.5	12/01/2021	0:00	1.8	0
09/01/2021	1:00	0	67.5	10/01/2021	1:00	0.4	270	11/01/2021	1:00	0.4	202.5	12/01/2021	1:00	1.8	270
09/01/2021	2:00	0.4	0	10/01/2021	2:00	0.9	0	11/01/2021	2:00	0.4	0	12/01/2021	2:00	1.3	315
09/01/2021	3:00	0.4	22.5	10/01/2021	3:00	0.9	337.5	11/01/2021	3:00	0.9	270	12/01/2021	3:00	0.9	67.5
09/01/2021	4:00	0.4	67.5	10/01/2021	4:00	09	22.5	11/01/2021	4:00	1.3	22.5	12/01/2021	4:00	2.2	22.5
09/01/2021	5:00	0.4	67.5	10/01/2021	5:00	0.9	202.5	11/01/2021	5:00	1.3	0	12/01/2021	5:00	2.7	22.5
09/01/2021	6:00	0.4	22.5	10/01/2021	6:00	0.4	337.5	11/01/2021	6:00	0.9	337.5	12/01/2021	6:00	2.2	45
09/01/2021	7:00	0.9	22.5	10/01/2021	7:00	0.9	292.5	11/01/2021	7:00	0.9	22.5	12/01/2021	7:00	1.3	22.5
09/01/2021	8:00	0.9	22.5	10/01/2021	8:00	0.4	45	11/01/2021	8:00	0.9	337.5	12/01/2021	8:00	1.8	45
09/01/2021	9:00	0.4	292.5	10/01/2021	9:00	0.4	292.5	11/01/2021	9:00	0.9	67.5	12/01/2021	9:00	1.3	454
09/01/2021	10:00	0.4	90	10/01/2021	10:00	0.9	22.5	11/01/2021	10:00	0.9	0	12/01/2021	10:00	1.3	90
09/01/2021	11:00	0.9	337.5	10/01/2021	11:00	0.9	135	11/01/2021	11:00	0.9	90	12/01/2021	11:00	1.3	45
09/01/2021	12:00	1.3	337.5	10/01/2021	12:00	0.9	112.5	11/01/2021	12:00	0.9	67.5	12/01/2021	12:00	0.9	45
09/01/2021	13:00	1.8	0	10/01/2021	13:00	1.3	0	11/01/2021	13:00	0.9	22.5	12/01/2021	13:00	0.9	45
09/01/2021	14:00	0.9	22.5	10/01/2021	14:00	1.3	45	11/01/2021	14:00	1.3	45	12/01/2021	14:00	0.9	22.5
09/01/2021	15:00	1.3	67.5	10/01/2021	15:00	0.9	0	11/01/2021	15:00	1.3	45	12/01/2021	15:00	0.9	315
09/01/2021	16:00	0.9	0	10/01/2021	16:00	0.4	90	11/01/2021	16:00	1.3	22.5	12/01/2021	16:00	1.3	0
09/01/2021	17:00	0.9	112.5	10/01/2021	17:00	0.9	45	11/01/2021	17:00	1.8	45	12/01/2021	17:00	0.4	292.5
09/01/2021	18:00	0.4	0	10/01/2021	18:00	0.4	45	11/01/2021	18:00	1.3	67.5	12/01/2021	18:00	0.9	22.5
09/01/2021	19:00	0.4	22.5	10/01/2021	19:00	0.4	0	11/01/2021	19:00	1.3	22.5	12/01/2021	19:00	0	292.5
09/01/2021	20:00	0.4	180	10/01/2021	20:00	0.4	45	11/01/2021	20:00	1.3	22.5	12/01/2021	20:00	0.4	90
09/01/2021	21:00	0.4	22.5	10/01/2021	21:00	0.4	22.5	11/01/2021	21:00	0.9	22.5	12/01/2021	21:00	0.4	67.5
09/01/2021	22:00	0.4	45	10/01/2021	22:00	0.4	292.5	11/01/2021	22:00	0.9	45	12/01/2021	22:00	0.9	45
09/01/2021	23:00	0.9	22.5	10/01/2021	23:00	0	292.5	11/01/2021	23:00	1.3	315	12/01/2021	23:00	0.4	225

Date	Time	Wind Speed (m/s)	Wind Direction												
13/01/2021	0:00	0.4	0	14/01/2021	0:00	0.4	112.5	15/01/2021	0:00	0	90	16/01/2021	0:00	0	112.5
13/01/2021	1:00	0	0	14/01/2021	1:00	0	112.5	15/01/2021	1:00	0	112.5	16/01/2021	1:00	0.4	112.5
13/01/2021	2:00	0	0	14/01/2021	2:00	0	112.5	15/01/2021	2:00	0.4	112.5	16/01/2021	2:00	0.4	135
13/01/2021	3:00	0	292.5	14/01/2021	3:00	0	247.5	15/01/2021	3:00	0.4	112.5	16/01/2021	3:00	0.4	112.5
13/01/2021	4:00	0	0	14/01/2021	4:00	0	180	15/01/2021	4:00	0.9	112.5	16/01/2021	4:00	0.9	135
13/01/2021	5:00	0	67.5	14/01/2021	5:00	0	135	15/01/2021	5:00	0.9	112.5	16/01/2021	5:00	0	90
13/01/2021	6:00	0	0	14/01/2021	6:00	0	135	15/01/2021	6:00	0.9	112.5	16/01/2021	6:00	0.9	0
13/01/2021	7:00	0	0	14/01/2021	7:00	0	112.5	15/01/2021	7:00	0.9	90	16/01/2021	7:00	0	337.5
13/01/2021	8:00	0	0	14/01/2021	8:00	0	112.5	15/01/2021	8:00	0.9	90	16/01/2021	8:00	0.4	112.5
13/01/2021	9:00	0	135	14/01/2021	9:00	0	135	15/01/2021	9:00	0.9	112.5	16/01/2021	9:00	0.4	90
13/01/2021	10:00	0.4	112.5	14/01/2021	10:00	0.4	135	15/01/2021	10:00	0.9	112.5	16/01/2021	10:00	1.3	90
13/01/2021	11:00	0.9	90	14/01/2021	11:00	0.9	90	15/01/2021	11:00	0.9	112.5	16/01/2021	11:00	1.3	90
13/01/2021	12:00	1.3	90	14/01/2021	12:00	1.3	90	15/01/2021	12:00	1.3	90	16/01/2021	12:00	1.8	112.5
13/01/2021	13:00	1.3	112.5	14/01/2021	13:00	0.9	90	15/01/2021	13:00	1.3	112.5	16/01/2021	13:00	3.6	45
13/01/2021	14:00	1.8	67.5	14/01/2021	14:00	1.8	90	15/01/2021	14:00	1.8	90	16/01/2021	14:00	3.6	67.5
13/01/2021	15:00	1.8	112.5	14/01/2021	15:00	1.3	112.5	15/01/2021	15:00	1.3	112.5	16/01/2021	15:00	2.2	90
13/01/2021	16:00	0.9	112.5	14/01/2021	16:00	1.3	112.5	15/01/2021	16:00	0.4	157.5	16/01/2021	16:00	2.2	45
13/01/2021	17:00	1.3	112.5	14/01/2021	17:00	1.8	112.5	15/01/2021	17:00	0.9	112.5	16/01/2021	17:00	3.1	90
13/01/2021	18:00	1.3	112.5	14/01/2021	18:00	0.9	112.5	15/01/2021	18:00	0.4	112.5	16/01/2021	18:00	2.7	90
13/01/2021	19:00	0	135	14/01/2021	19:00	0.4	112.5	15/01/2021	19:00	0.9	112.5	16/01/2021	19:00	2.7	45
13/01/2021	20:00	0	112.5	14/01/2021	20:00	0.4	112.5	15/01/2021	20:00	0.9	112.5	16/01/2021	20:00	2.7	67.5
13/01/2021	21:00	0.4	112.5	14/01/2021	21:00	0	112.5	15/01/2021	21:00	0.9	112.5	16/01/2021	21:00	2.7	45
13/01/2021	22:00	0.4	112.5	14/01/2021	22:00	0	45	15/01/2021	22:00	0.4	135	16/01/2021	22:00	4	90
13/01/2021	23:00	0	90	14/01/2021	23:00	0	90	15/01/2021	23:00	0.4	135	16/01/2021	23:00	4.5	90

Date	Time	Wind Speed (m/s)	Wind Direction												
17/01/2021	0:00	2.7	90	18/01/2021	0:00	0.4	112.5	19/01/2021	0:00	0.9	22.5	20/01/2021	0:00	2.7	90
17/01/2021	1:00	2.7	90	18/01/2021	1:00	0.9	337.5	19/01/2021	1:00	1.3	337.5	20/01/2021	1:00	1.8	67.5
17/01/2021	2:00	2.2	67.5	18/01/2021	2:00	0.4	270	19/01/2021	2:00	1.8	22.5	20/01/2021	2:00	1.3	112.5
17/01/2021	3:00	2.2	90	18/01/2021	3:00	0.4	45	19/01/2021	3:00	1.8	22.5	20/01/2021	3:00	2.2	90
17/01/2021	4:00	1.3	22.5	18/01/2021	4:00	0.4	292.5	19/01/2021	4:00	0.9	22.5	20/01/2021	4:00	1.8	112.5
17/01/2021	5:00	1.3	135	18/01/2021	5:00	0	270	19/01/2021	5:00	0.9	0	20/01/2021	5:00	0.9	337.5
17/01/2021	6:00	0.9	22.5	18/01/2021	6:00	0.4	270	19/01/2021	6:00	0.4	67.5	20/01/2021	6:00	0.9	135
17/01/2021	7:00	1.3	22.5	18/01/2021	7:00	0	270	19/01/2021	7:00	0.9	315	20/01/2021	7:00	1.3	90
17/01/2021	8:00	0.9	112.5	18/01/2021	8:00	0	112.5	19/01/2021	8:00	0.9	22.5	20/01/2021	8:00	1.3	112.5
17/01/2021	9:00	0.4	22.5	18/01/2021	9:00	0.4	247.5	19/01/2021	9:00	1.3	90	20/01/2021	9:00	1.3	112.5
17/01/2021	10:00	1.3	22.5	18/01/2021	10:00	0.9	247.5	19/01/2021	10:00	1.8	90	20/01/2021	10:00	1.8	90
17/01/2021	11:00	0.9	112.5	18/01/2021	11:00	1.3	247.5	19/01/2021	11:00	1.3	247.5	20/01/2021	11:00	2.2	112.5
17/01/2021	12:00	1.3	22.5	18/01/2021	12:00	0.4	225	19/01/2021	12:00	1.3	112.5	20/01/2021	12:00	1.8	90
17/01/2021	13:00	0.4	157.5	18/01/2021	13:00	0.9	135	19/01/2021	13:00	1.3	1112.5	20/01/2021	13:00	1.3	112.5
17/01/2021	14:00	1.3	270	18/01/2021	14:00	0.9	112.5	19/01/2021	14:00	1.8	90	20/01/2021	14:00	0.9	315
17/01/2021	15:00	0.9	0	18/01/2021	15:00	0.9	112.5	19/01/2021	15:00	1.8	112.5	20/01/2021	15:00	1.3	90
17/01/2021	16:00	0.9	0	18/01/2021	16:00	1.3	112.5	19/01/2021	16:00	1.3	112.5	20/01/2021	16:00	0.9	315
17/01/2021	17:00	1.3	22.5	18/01/2021	17:00	0.9	90	19/01/2021	17:00	0.9	112.5	20/01/2021	17:00	1.3	90
17/01/2021	18:00	0.4	22.5	18/01/2021	18:00	0.9	135	19/01/2021	18:00	1.3	90	20/01/2021	18:00	0.9	112.5
17/01/2021	19:00	0.4	337.5	18/01/2021	19:00	0.9	112.5	19/01/2021	19:00	1.3	90	20/01/2021	19:00	0.9	112.5
17/01/2021	20:00	1.3	315	18/01/2021	20:00	0	135	19/01/2021	20:00	0.4	90	20/01/2021	20:00	0.4	22.5
17/01/2021	21:00	2.2	22.5	18/01/2021	21:00	0	135	19/01/2021	21:00	0.9	135	20/01/2021	21:00	0.9	112.5
17/01/2021	22:00	0.9	0	18/01/2021	22:00	0.4	337.5	19/01/2021	22:00	1.3	157.5	20/01/2021	22:00	0.4	90
17/01/2021	23:00	0.9	0	18/01/2021	23:00	0.4	202.5	19/01/2021	23:00	2.2	112.5	20/01/2021	23:00	0.9	67.5

Date	Time	Wind Speed (m/s)	Wind Direction												
21/01/2021	0:00	1.3	112.5	22/01/2021	0:00	0	112.5	23/01/2021	0:00	0.4	247.5	24/01/2021	0:00	0.4	135
21/01/2021	1:00	0.9	67.5	22/01/2021	1:00	0	112.5	23/01/2021	1:00	0.4	225	24/01/2021	1:00	0.4	112.5
21/01/2021	2:00	2.7	90	22/01/2021	2:00	0	112.5	23/01/2021	2:00	0	270	24/01/2021	2:00	0.4	112.5
21/01/2021	3:00	0.9	135	22/01/2021	3:00	0	112.5	23/01/2021	3:00	0.9	247.5	24/01/2021	3:00	0	112.5
21/01/2021	4:00	0.4	180	22/01/2021	4:00	0	112.5	23/01/2021	4:00	0	202.5	24/01/2021	4:00	0	112.5
21/01/2021	5:00	0.4	135	22/01/2021	5:00	0	112.5	23/01/2021	5:00	0	247.5	24/01/2021	5:00	0.4	112.5
21/01/2021	6:00	0.9	112.5	22/01/2021	6:00	0	157.5	23/01/2021	6:00	0.4	225	24/01/2021	6:00	1.3	67.5
21/01/2021	7:00	0.4	112.5	22/01/2021	7:00	0	180	23/01/2021	7:00	0.4	157.5	24/01/2021	7:00	2.2	90
21/01/2021	8:00	0.4	90	22/01/2021	8:00	0.9	247.5	23/01/2021	8:00	0.4	45	24/01/2021	8:00	2.2	22.5
21/01/2021	9:00	1.3	112.5	22/01/2021	9:00	0.4	90	23/01/2021	9:00	0	292.5	24/01/2021	9:00	1.3	112.5
21/01/2021	10:00	0.9	112.5	22/01/2021	10:00	0.4	112.5	23/01/2021	10:00	0.4	202.5	24/01/2021	10:00	2.7	112.5
21/01/2021	11:00	1.8	112.5	22/01/2021	11:00	0.4	180	23/01/2021	11:00	0.4	112.5	24/01/2021	11:00	2.7	45
21/01/2021	12:00	1.3	90	22/01/2021	12:00	0.4	225	23/01/2021	12:00	0.4	112.5	24/01/2021	12:00	1.8	112.5
21/01/2021	13:00	1.8	90	22/01/2021	13:00	0.9	225	23/01/2021	13:00	0.9	112.5	24/01/2021	13:00	1.8	0
21/01/2021	14:00	1.3	112.5	22/01/2021	14:00	0.9	292.5	23/01/2021	14:00	0.9	112.5	24/01/2021	14:00	1.8	112.5
21/01/2021	15:00	1.3	112.5	22/01/2021	15:00	0.9	270	23/01/2021	15:00	0.9	112.5	24/01/2021	15:00	2.7	45
21/01/2021	16:00	1.8	112.5	22/01/2021	16:00	0	247.5	23/01/2021	16:00	0.9	112.5	24/01/2021	16:00	1.8	45
21/01/2021	17:00	1.3	90	22/01/2021	17:00	1.8	247.5	23/01/2021	17:00	0.9	225	24/01/2021	17:00	2.2	22.5
21/01/2021	18:00	0.4	67.5	22/01/2021	18:00	0.4	247.5	23/01/2021	18:00	0.9	247.5	24/01/2021	18:00	2.2	90
21/01/2021	19:00	0.4	112.5	22/01/2021	19:00	0	247.5	23/01/2021	19:00	0	247.5	24/01/2021	19:00	1.8	67.5
21/01/2021	20:00	0	112.5	22/01/2021	20:00	0	315	23/01/2021	20:00	0.4	112.5	24/01/2021	20:00	1.8	90
21/01/2021	21:00	0	112.5	22/01/2021	21:00	0	247.5	23/01/2021	21:00	0	112.5	24/01/2021	21:00	1.3	90
21/01/2021	22:00	0	112.5	22/01/2021	22:00	0.4	247.5	23/01/2021	22:00	0	112.5	24/01/2021	22:00	1.3	135
21/01/2021	23:00	0	112.5	22/01/2021	23:00	0	247.5	23/01/2021	23:00	0	112.5	24/01/2021	23:00	1.3	90

Date	Time	Wind Speed (m/s)	Wind Direction												
25/01/2021	0:00	0.9	22.5	26/01/2021	0:00	0.4	112.5	27/01/2021	0:00	0	112.5	28/01/2021	0:00	0.4	112.5
25/01/2021	1:00	0.9	112.5	26/01/2021	1:00	0.9	90	27/01/2021	1:00	0.9	112.5	28/01/2021	1:00	0.9	337.5
25/01/2021	2:00	1.3	112.5	26/01/2021	2:00	0.4	45	27/01/2021	2:00	0.9	112.5	28/01/2021	2:00	0.4	270
25/01/2021	3:00	1.3	112.5	26/01/2021	3:00	0.4	112.5	27/01/2021	3:00	0.4	0	28/01/2021	3:00	0.4	45
25/01/2021	4:00	0.9	90	26/01/2021	4:00	0.9	112.5	27/01/2021	4:00	0.9	22.5	28/01/2021	4:00	0.4	292.5
25/01/2021	5:00	1.3	112.5	26/01/2021	5:00	0.4	112.5	27/01/2021	5:00	0.9	112.5	28/01/2021	5:00	0	270
25/01/2021	6:00	0.4	90	26/01/2021	6:00	0.9	112.5	27/01/2021	6:00	0.9	112.5	28/01/2021	6:00	0.4	270
25/01/2021	7:00	0.9	112.5	26/01/2021	7:00	1.3	112.5	27/01/2021	7:00	0.9	112.5	28/01/2021	7:00	0	270
25/01/2021	8:00	1.3	112.5	26/01/2021	8:00	0.4	90	27/01/2021	8:00	0.9	90	28/01/2021	8:00	0	112.5
25/01/2021	9:00	1.8	112.5	26/01/2021	9:00	0.9	112.5	27/01/2021	9:00	1.3	90	28/01/2021	9:00	0.4	247.5
25/01/2021	10:00	0.9	112.5	26/01/2021	10:00	0.9	67.5	27/01/2021	10:00	0.9	90	28/01/2021	10:00	0.9	247.5
25/01/2021	11:00	1.3	135	26/01/2021	11:00	0.9	112.5	27/01/2021	11:00	1.3	90	28/01/2021	11:00	1.3	247.5
25/01/2021	12:00	1.8	112.5	26/01/2021	12:00	1.8	112.5	27/01/2021	12:00	0.9	112.5	28/01/2021	12:00	0.4	225
25/01/2021	13:00	1.8	112.5	26/01/2021	13:00	1.3	112.5	27/01/2021	13:00	1.3	112.5	28/01/2021	13:00	0.9	135
25/01/2021	14:00	2.2	112.5	26/01/2021	14:00	1.3	90	27/01/2021	14:00	1.3	112.5	28/01/2021	14:00	0.9	112.5
25/01/2021	15:00	1.8	90	26/01/2021	15:00	0.4	135	27/01/2021	15:00	1.3	112.5	28/01/2021	15:00	0.9	112.5
25/01/2021	16:00	1.3	112.5	26/01/2021	16:00	0.4	112.5	27/01/2021	16:00	1.8	112.5	28/01/2021	16:00	1.3	112.5
25/01/2021	17:00	1.3	90	26/01/2021	17:00	0.4	112.5	27/01/2021	17:00	1.3	90	28/01/2021	17:00	0.9	90
25/01/2021	18:00	0.9	112.5	26/01/2021	18:00	0	112.5	27/01/2021	18:00	1.3	112.5	28/01/2021	18:00	0.9	135
25/01/2021	19:00	1.3	112.5	26/01/2021	19:00	0	112.5	27/01/2021	19:00	1.3	90	28/01/2021	19:00	0.9	112.5
25/01/2021	20:00	0.9	135	26/01/2021	20:00	0	112.5	27/01/2021	20:00	0.4	90	28/01/2021	20:00	0	135
25/01/2021	21:00	0.4	112.5	26/01/2021	21:00	0	112.5	27/01/2021	21:00	0.9	135	28/01/2021	21:00	0	135
25/01/2021	22:00	0	112.5	26/01/2021	22:00	0	112.5	27/01/2021	22:00	1.3	157.5	28/01/2021	22:00	0.4	337.5
25/01/2021	23:00	0.4	112.5	26/01/2021	23:00	0	112.5	27/01/2021	23:00	2.2	112.5	28/01/2021	23:00	0.4	202.5

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
29/01/2021	0:00	0.4	45	30/01/2021	0:00	0.4	22.5	31/01/2021	0:00	0.4	112.5				
29/01/2021	1:00	0	67.5	30/01/2021	1:00	0.4	0	31/01/2021	1:00	0	112.5				
29/01/2021	2:00	0.4	0	30/01/2021	2:00	0.4	67.5	31/01/2021	2:00	0	112.5				
29/01/2021	3:00	0.4	22.5	30/01/2021	3:00	0	337.5	31/01/2021	3:00	0	247.5				
29/01/2021	4:00	0.4	67.5	30/01/2021	4:00	0	337.5	31/01/2021	4:00	0	180				
29/01/2021	5:00	0.4	67.5	30/01/2021	5:00	0	315	31/01/2021	5:00	0	135				
29/01/2021	6:00	0.4	22.5	30/01/2021	6:00	0	270	31/01/2021	6:00	0	135				
29/01/2021	7:00	0.9	22.5	30/01/2021	7:00	0.4	270	31/01/2021	7:00	0	112.5				
29/01/2021	8:00	0.9	22.5	30/01/2021	8:00	0	247.5	31/01/2021	8:00	0	112.5				
29/01/2021	9:00	0.4	292.5	30/01/2021	9:00	0.4	45	31/01/2021	9:00	0	135				
29/01/2021	10:00	0.4	90	30/01/2021	10:00	1.8	22.5	31/01/2021	10:00	0.4	135				
29/01/2021	11:00	0.9	337.5	30/01/2021	11:00	1.3	22.5	31/01/2021	11:00	0.9	90				
29/01/2021	12:00	1.3	337.5	30/01/2021	12:00	1.3	45	31/01/2021	12:00	1.3	90				
29/01/2021	13:00	1.8	0	30/01/2021	13:00	1.3	112.5	31/01/2021	13:00	0.9	90				
29/01/2021	14:00	0.9	22.5	30/01/2021	14:00	1.3	112.5	31/01/2021	14:00	1.8	90				
29/01/2021	15:00	1.3	67.5	30/01/2021	15:00	0.9	112.5	31/01/2021	15:00	1.3	112.5				
29/01/2021	16:00	0.9	0	30/01/2021	16:00	0.9	135	31/01/2021	16:00	1.3	112.5				
29/01/2021	17:00	0.9	112.5	30/01/2021	17:00	1.3	90	31/01/2021	17:00	1.8	112.5				
29/01/2021	18:00	0.4	0	30/01/2021	18:00	0.4	180	31/01/2021	18:00	0.9	112.5				
29/01/2021	19:00	0.4	22.5	30/01/2021	19:00	0.4	67.5	31/01/2021	19:00	0.4	112.5				
29/01/2021	20:00	0.4	180	30/01/2021	20:00	0.4	67.5	31/01/2021	20:00	0.4	112.5				
29/01/2021	21:00	0.4	22.5	30/01/2021	21:00	0.9	112.5	31/01/2021	21:00	0	112.5				
29/01/2021	22:00	0.4	45	30/01/2021	22:00	0.9	22.5	31/01/2021	22:00	0	45				
29/01/2021	23:00	0.9	22.5	30/01/2021	23:00	1.3	90	31/01/2021	23:00	0	90				

Date	Time	Wind Speed (m/s)	Wind Direction												
01/02/2021	0:00	0.9	112.5	02/02/2021	0:00	0.4	112.5	03/02/2021	0:00	3.1	112.5	04/02/2021	0:00	0.4	22.5
01/02/2021	1:00	0.9	112.5	02/02/2021	1:00	0.4	112.5	03/02/2021	1:00	3.6	90	04/02/2021	1:00	0.9	67.5
01/02/2021	2:00	1.3	112.5	02/02/2021	2:00	0.4	112.5	03/02/2021	2:00	2.2	67.5	04/02/2021	2:00	1.3	67.5
01/02/2021	3:00	0.9	112.5	02/02/2021	3:00	0.4	112.5	03/02/2021	3:00	2.7	90	04/02/2021	3:00	1.3	45
01/02/2021	4:00	0.9	112.5	02/02/2021	4:00	0.4	112.5	03/02/2021	4:00	1.8	90	04/02/2021	4:00	1.3	90
01/02/2021	5:00	0.9	112.5	02/02/2021	5:00	0.4	112.5	03/02/2021	5:00	1.8	90	04/02/2021	5:00	1.3	67.5
01/02/2021	6:00	0.9	90	02/02/2021	6:00	0.9	112.5	03/02/2021	6:00	1.3	45	04/02/2021	6:00	1.3	90
01/02/2021	7:00	0.9	45	02/02/2021	7:00	1.3	112.5	03/02/2021	7:00	1.8	112.5	04/02/2021	7:00	1.3	67.5
01/02/2021	8:00	0.9	22.5	02/02/2021	8:00	1.3	112.5	03/02/2021	8:00	1.8	90	04/02/2021	8:00	0.9	112.5
01/02/2021	9:00	0.4	112.5	02/02/2021	9:00	1.3	112.5	03/02/2021	9:00	1.8	45	04/02/2021	9:00	1.3	90
01/02/2021	10:00	0.9	67.5	02/02/2021	10:00	2.2	112.5	03/02/2021	10:00	1.8	90	04/02/2021	10:00	0.9	112.5
01/02/2021	11:00	0.9	90	02/02/2021	11:00	1.8	135	03/02/2021	11:00	1.3	67.5	04/02/2021	11:00	0.9	112.5
01/02/2021	12:00	1.8	112.5	02/02/2021	12:00	1.3	135	03/02/2021	12:00	1.3	45	04/02/2021	12:00	0.9	112.5
01/02/2021	13:00	1.8	135	02/02/2021	13:00	1.8	135	03/02/2021	13:00	1.8	45	04/02/2021	13:00	1.3	112.5
01/02/2021	14:00	1.8	112.5	02/02/2021	14:00	1.3	90	03/02/2021	14:00	1.8	90	04/02/2021	14:00	1.3	112.5
01/02/2021	15:00	1.8	67.5	02/02/2021	15:00	1.8	112.5	03/02/2021	15:00	1.3	67.5	04/02/2021	15:00	1.8	90
01/02/2021	16:00	2.2	112.5	02/02/2021	16:00	1.8	135	03/02/2021	16:00	1.3	67.5	04/02/2021	16:00	1.8	90
01/02/2021	17:00	2.2	22.5	02/02/2021	17:00	2.2	90	03/02/2021	17:00	1.3	67.5	04/02/2021	17:00	1.8	90
01/02/2021	18:00	1.8	90	02/02/2021	18:00	2.7	45	03/02/2021	18:00	2.2	90	04/02/2021	18:00	2.2	90
01/02/2021	19:00	1.8	67.5	02/02/2021	19:00	2.7	112.5	03/02/2021	19:00	1.8	90	04/02/2021	19:00	2.2	90
01/02/2021	20:00	0.9	90	02/02/2021	20:00	2.2	112.5	03/02/2021	20:00	0.9	67.5	04/02/2021	20:00	1.8	112.5
01/02/2021	21:00	0.9	45	02/02/2021	21:00	2.2	135	03/02/2021	21:00	1.8	90	04/02/2021	21:00	1.3	90
01/02/2021	22:00	0.9	67.5	02/02/2021	22:00	2.7	112.5	03/02/2021	22:00	2.2	112.5	04/02/2021	22:00	0.4	135
01/02/2021	23:00	0.9	112.5	02/02/2021	23:00	3.1	112.5	03/02/2021	23:00	0.9	90	04/02/2021	23:00	0.4	90

Date	Time	Wind Speed (m/s)	Wind Direction												
05/02/2021	0:00	0.4	112.5	06/02/2021	0:00	2.7	135	07/02/2021	0:00	0	112.5	08/02/2021	0:00	0.9	112.5
05/02/2021	1:00	0.9	67.5	06/02/2021	1:00	2.7	112.5	07/02/2021	1:00	0	45	08/02/2021	1:00	1.3	90
05/02/2021	2:00	0.9	22.5	06/02/2021	2:00	1.8	112.5	07/02/2021	2:00	0	112.5	08/02/2021	2:00	2.2	112.5
05/02/2021	3:00	0.4	67.5	06/02/2021	3:00	0.4	112.5	07/02/2021	3:00	0.4	90	08/02/2021	3:00	1.8	157.5
05/02/2021	4:00	0.9	292.5	06/02/2021	4:00	0.4	112.5	07/02/2021	4:00	1.3	337.5	08/02/2021	4:00	1.8	67.5
05/02/2021	5:00	1.8	67.5	06/02/2021	5:00	0	112.5	07/02/2021	5:00	1.3	67.5	08/02/2021	5:00	2.2	67.5
05/02/2021	6:00	1.3	90	06/02/2021	6:00	0.4	0	07/02/2021	6:00	1.8	90	08/02/2021	6:00	2.7	90
05/02/2021	7:00	1.3	67.5	06/02/2021	7:00	0.4	112.5	07/02/2021	7:00	1.3	67.5	08/02/2021	7:00	2.7	90
05/02/2021	8:00	0.9	67.5	06/02/2021	8:00	0.4	0	07/02/2021	8:00	1.8	67.5	08/02/2021	8:00	2.2	90
05/02/2021	9:00	0.9	135	06/02/2021	9:00	0	0	07/02/2021	9:00	2.2	90	08/02/2021	9:00	2.7	67.5
05/02/2021	10:00	0.9	45	06/02/2021	10:00	0	0	07/02/2021	10:00	2.2	67.5	08/02/2021	10:00	2.2	90
05/02/2021	11:00	1.3	45	06/02/2021	11:00	0	112.5	07/02/2021	11:00	2.2	90	08/02/2021	11:00	2.2	67.5
05/02/2021	12:00	1.8	90	06/02/2021	12:00	1.8	112.5	07/02/2021	12:00	1.8	67.5	08/02/2021	12:00	1.8	90
05/02/2021	13:00	1.8	45	06/02/2021	13:00	1.3	112.5	07/02/2021	13:00	2.2	90	08/02/2021	13:00	4.5	90
05/02/2021	14:00	1.3	67.5	06/02/2021	14:00	1.3	112.5	07/02/2021	14:00	2.2	90	08/02/2021	14:00	4	90
05/02/2021	15:00	1.8	90	06/02/2021	15:00	0.9	112.5	07/02/2021	15:00	2.7	67.5	08/02/2021	15:00	4	90
05/02/2021	16:00	2.7	315	06/02/2021	16:00	0.9	112.5	07/02/2021	16:00	3.1	67.5	08/02/2021	16:00	3.1	112.5
05/02/2021	17:00	2.2	247.5	06/02/2021	17:00	0.4	112.5	07/02/2021	17:00	2.7	67.5	08/02/2021	17:00	2.7	90
05/02/2021	18:00	0.9	315	06/02/2021	18:00	0.4	112.5	07/02/2021	18:00	2.7	67.5	08/02/2021	18:00	3.1	67.5
05/02/2021	19:00	0.9	45	06/02/2021	19:00	0	112.5	07/02/2021	19:00	3.6	45	08/02/2021	19:00	3.1	90
05/02/2021	20:00	1.8	337.5	06/02/2021	20:00	0	112.5	07/02/2021	20:00	3.1	90	08/02/2021	20:00	2.2	90
05/02/2021	21:00	1.8	90	06/02/2021	21:00	0.4	112.5	07/02/2021	21:00	3.1	45	08/02/2021	21:00	2.7	90
05/02/2021	22:00	1.3	337.5	06/02/2021	22:00	0.4	112.5	07/02/2021	22:00	3.1	45	08/02/2021	22:00	2.7	90
05/02/2021	23:00	1.8	90	06/02/2021	23:00	0.4	112.5	07/02/2021	23:00	2.7	67.5	08/02/2021	23:00	2.7	45

Date	Time	Wind Speed (m/s)	Wind Direction												
09/02/2021	0:00	0.4	67.5	10/02/2021	0:00	0	247.5	11/02/2021	0:00	0.4	270	12/02/2021	0:00	0.9	112.5
09/02/2021	1:00	0.4	90	10/02/2021	1:00	0.9	247.5	11/02/2021	1:00	0.4	270	12/02/2021	1:00	0.4	112.5
09/02/2021	2:00	0.4	112.5	10/02/2021	2:00	0.4	225	11/02/2021	2:00	0.4	90	12/02/2021	2:00	0.4	112.5
09/02/2021	3:00	1.3	45	10/02/2021	3:00	0.9	67.5	11/02/2021	3:00	0.4	90	12/02/2021	3:00	0.4	112.5
09/02/2021	4:00	0.9	45	10/02/2021	4:00	0.4	270	11/02/2021	4:00	0.4	112.5	12/02/2021	4:00	0.4	112.5
09/02/2021	5:00	0.4	45	10/02/2021	5:00	0.4	247.5	11/02/2021	5:00	0.4	90	12/02/2021	5:00	1.8	112.5
09/02/2021	6:00	0.4	67.5	10/02/2021	6:00	0.4	180	11/02/2021	6:00	0.9	112.5	12/02/2021	6:00	2.2	157.5
09/02/2021	7:00	0.4	315	10/02/2021	7:00	0.4	247.5	11/02/2021	7:00	0.9	90	12/02/2021	7:00	2.7	135
09/02/2021	8:00	0.9	270	10/02/2021	8:00	0.4	270	11/02/2021	8:00	1.3	90	12/02/2021	8:00	2.7	270
09/02/2021	9:00	0.4	337.5	10/02/2021	9:00	0.4	135	11/02/2021	9:00	1.3	112.5	12/02/2021	9:00	2.7	112.5
09/02/2021	10:00	0.9	292.5	10/02/2021	10:00	0.4	157.5	11/02/2021	10:00	1.3	90	12/02/2021	10:00	0.4	112.5
09/02/2021	11:00	0.4	337.5	10/02/2021	11:00	0.4	157.5	11/02/2021	11:00	1.3	112.5	12/02/2021	11:00	0.4	202.5
09/02/2021	12:00	0.9	315	10/02/2021	12:00	0.4	202.5	11/02/2021	12:00	1.3	112.5	12/02/2021	12:00	0.4	225
09/02/2021	13:00	0.9	112.5	10/02/2021	13:00	1.3	225	11/02/2021	13:00	2.2	90	12/02/2021	13:00	0.4	247.5
09/02/2021	14:00	0.9	225	10/02/2021	14:00	1.3	247.5	11/02/2021	14:00	1.8	112.5	12/02/2021	14:00	0.4	157.5
09/02/2021	15:00	0.9	112.5	10/02/2021	15:00	0.9	135	11/02/2021	15:00	1.3	112.5	12/02/2021	15:00	1.3	225
09/02/2021	16:00	0.4	67.5	10/02/2021	16:00	0.9	112.5	11/02/2021	16:00	0.9	112.5	12/02/2021	16:00	0.4	225
09/02/2021	17:00	0.4	337.5	10/02/2021	17:00	1.3	112.5	11/02/2021	17:00	0.9	112.5	12/02/2021	17:00	0.4	225
09/02/2021	18:00	0.4	135	10/02/2021	18:00	1.3	135	11/02/2021	18:00	1.3	112.5	12/02/2021	18:00	0.4	225
09/02/2021	19:00	0.4	112.5	10/02/2021	19:00	0.9	112.5	11/02/2021	19:00	0.9	112.5	12/02/2021	19:00	0.4	225
09/02/2021	20:00	0.4	180	10/02/2021	20:00	1.3	112.5	11/02/2021	20:00	1.3	90	12/02/2021	20:00	0.4	225
09/02/2021	21:00	0.9	180	10/02/2021	21:00	0.9	112.5	11/02/2021	21:00	0.9	112.5	12/02/2021	21:00	0.4	247.5
09/02/2021	22:00	0.9	315	10/02/2021	22:00	1.3	112.5	11/02/2021	22:00	0.9	135	12/02/2021	22:00	0.9	247.5
09/02/2021	23:00	0.9	292.5	10/02/2021	23:00	0.9	112.5	11/02/2021	23:00	0.9	270	12/02/2021	23:00	0.4	247.5

Date	Time	Wind Speed (m/s)	Wind Direction												
13/02/2021	0:00	0	270	14/02/2021	0:00	1.8	45	15/02/2021	0:00	0	202.5	16/02/2021	0:00	0.9	45
13/02/2021	1:00	0	270	14/02/2021	1:00	1.3	90	15/02/2021	1:00	0	135	16/02/2021	1:00	0.9	135
13/02/2021	2:00	0.4	270	14/02/2021	2:00	1.3	90	15/02/2021	2:00	0.4	45	16/02/2021	2:00	1.3	112.5
13/02/2021	3:00	0.4	270	14/02/2021	3:00	1.3	112.5	15/02/2021	3:00	0.4	0	16/02/2021	3:00	1.3	90
13/02/2021	4:00	0.9	270	14/02/2021	4:00	1.8	45	15/02/2021	4:00	0.9	90	16/02/2021	4:00	1.8	90
13/02/2021	5:00	0.9	270	14/02/2021	5:00	1.3	45	15/02/2021	5:00	0.9	90	16/02/2021	5:00	1.8	90
13/02/2021	6:00	1.8	247.5	14/02/2021	6:00	1.3	112.5	15/02/2021	6:00	0.9	45	16/02/2021	6:00	1.3	90
13/02/2021	7:00	1.8	157.5	14/02/2021	7:00	1.3	90	15/02/2021	7:00	0.9	292.5	16/02/2021	7:00	1.3	90
13/02/2021	8:00	1.8	157.5	14/02/2021	8:00	1.8	90	15/02/2021	8:00	0.9	247.5	16/02/2021	8:00	0.9	180
13/02/2021	9:00	2.2	135	14/02/2021	9:00	1.3	90	15/02/2021	9:00	0.9	112.5	16/02/2021	9:00	0.9	180
13/02/2021	10:00	1.3	112.5	14/02/2021	10:00	1.3	112.5	15/02/2021	10:00	0.9	22.5	16/02/2021	10:00	1.3	112.5
13/02/2021	11:00	1.3	90	14/02/2021	11:00	1.8	112.5	15/02/2021	11:00	0.9	22.5	16/02/2021	11:00	2.2	90
13/02/2021	12:00	1.3	90	14/02/2021	12:00	1.3	67.5	15/02/2021	12:00	1.3	22.5	16/02/2021	12:00	1.8	112.5
13/02/2021	13:00	1.8	22.5	14/02/2021	13:00	1.8	135	15/02/2021	13:00	1.3	112.5	16/02/2021	13:00	0.4	90
13/02/2021	14:00	1.3	45	14/02/2021	14:00	1.3	112.5	15/02/2021	14:00	1.8	67.5	16/02/2021	14:00	0.9	112.5
13/02/2021	15:00	0.9	67.5	14/02/2021	15:00	0.9	90	15/02/2021	15:00	1.3	135	16/02/2021	15:00	0.9	90
13/02/2021	16:00	0.9	90	14/02/2021	16:00	0	112.5	15/02/2021	16:00	0.4	45	16/02/2021	16:00	0.4	90
13/02/2021	17:00	0.4	337.5	14/02/2021	17:00	0	112.5	15/02/2021	17:00	0.9	112.5	16/02/2021	17:00	0.9	135
13/02/2021	18:00	0.4	67.5	14/02/2021	18:00	0.4	112.5	15/02/2021	18:00	0.4	337.5	16/02/2021	18:00	0.9	112.5
13/02/2021	19:00	0.4	22.5	14/02/2021	19:00	0.9	112.5	15/02/2021	19:00	0.9	315	16/02/2021	19:00	0.9	90
13/02/2021	20:00	0.4	45	14/02/2021	20:00	0.4	112.5	15/02/2021	20:00	0.9	67.5	16/02/2021	20:00	0.9	112.5
13/02/2021	21:00	0.9	90	14/02/2021	21:00	0.4	112.5	15/02/2021	21:00	0.9	112.5	16/02/2021	21:00	0.9	90
13/02/2021	22:00	0.4	90	14/02/2021	22:00	0.4	112.5	15/02/2021	22:00	0.4	337.5	16/02/2021	22:00	0.9	90
13/02/2021	23:00	0.9	90	14/02/2021	23:00	0.4	135	15/02/2021	23:00	0.4	112.5	16/02/2021	23:00	1.3	90

Date	Time	Wind Speed (m/s)	Wind Direction												
17/02/2021	0:00	0.4	135	18/02/2021	0:00	0.4	112.5	19/02/2021	0:00	0.4	112.5	20/02/2021	0:00	0.9	135
17/02/2021	1:00	0.4	135	18/02/2021	1:00	0.4	112.5	19/02/2021	1:00	0.4	112.5	20/02/2021	1:00	0.4	112.5
17/02/2021	2:00	0.4	135	18/02/2021	2:00	0.4	135	19/02/2021	2:00	0.4	112.5	20/02/2021	2:00	0.4	90
17/02/2021	3:00	0.9	135	18/02/2021	3:00	0.9	135	19/02/2021	3:00	0.4	135	20/02/2021	3:00	0.4	112.5
17/02/2021	4:00	0.4	135	18/02/2021	4:00	0.9	112.5	19/02/2021	4:00	0.4	135	20/02/2021	4:00	1.3	90
17/02/2021	5:00	0.4	135	18/02/2021	5:00	1.3	112.5	19/02/2021	5:00	0.4	112.5	20/02/2021	5:00	1.3	112.5
17/02/2021	6:00	0.4	247.5	18/02/2021	6:00	1.8	112.5	19/02/2021	6:00	0.4	112.5	20/02/2021	6:00	1.3	135
17/02/2021	7:00	1.3	135	18/02/2021	7:00	1.3	112.5	19/02/2021	7:00	0.4	112.5	20/02/2021	7:00	1.3	112.5
17/02/2021	8:00	1.3	112.5	18/02/2021	8:00	1.8	112.5	19/02/2021	8:00	0.4	112.5	20/02/2021	8:00	1.3	90
17/02/2021	9:00	1.3	112.5	18/02/2021	9:00	1.3	112.5	19/02/2021	9:00	0.9	112.5	20/02/2021	9:00	1.3	90
17/02/2021	10:00	1.3	112.5	18/02/2021	10:00	1.3	112.5	19/02/2021	10:00	0.4	112.5	20/02/2021	10:00	1.3	135
17/02/2021	11:00	1.3	112.5	18/02/2021	11:00	1.3	112.5	19/02/2021	11:00	1.3	112.5	20/02/2021	11:00	1.3	135
17/02/2021	12:00	1.3	135	18/02/2021	12:00	1.3	112.5	19/02/2021	12:00	1.3	90	20/02/2021	12:00	0.9	112.5
17/02/2021	13:00	1.3	135	18/02/2021	13:00	1.3	90	19/02/2021	13:00	0.9	112.5	20/02/2021	13:00	1.3	112.5
17/02/2021	14:00	1.3	135	18/02/2021	14:00	1.3	112.5	19/02/2021	14:00	1.3	135	20/02/2021	14:00	1.3	112.5
17/02/2021	15:00	0.9	112.5	18/02/2021	15:00	1.3	112.5	19/02/2021	15:00	1.3	112.5	20/02/2021	15:00	1.3	90
17/02/2021	16:00	1.3	90	18/02/2021	16:00	1.8	112.5	19/02/2021	16:00	1.3	112.5	20/02/2021	16:00	0.9	112.5
17/02/2021	17:00	1.3	112.5	18/02/2021	17:00	1.8	112.5	19/02/2021	17:00	1.3	112.5	20/02/2021	17:00	0.9	112.5
17/02/2021	18:00	1.3	112.5	18/02/2021	18:00	0.9	112.5	19/02/2021	18:00	0.9	135	20/02/2021	18:00	0.4	112.5
17/02/2021	19:00	0.4	112.5	18/02/2021	19:00	0.9	112.5	19/02/2021	19:00	0.9	112.5	20/02/2021	19:00	0.4	112.5
17/02/2021	20:00	0.9	112.5	18/02/2021	20:00	0.9	135	19/02/2021	20:00	0.9	112.5	20/02/2021	20:00	0.9	135
17/02/2021	21:00	0.4	112.5	18/02/2021	21:00	0.9	135	19/02/2021	21:00	0.4	112.5	20/02/2021	21:00	0.9	112.5
17/02/2021	22:00	0.9	112.5	18/02/2021	22:00	1.3	135	19/02/2021	22:00	0.4	135	20/02/2021	22:00	0.9	112.5
17/02/2021	23:00	0.9	112.5	18/02/2021	23:00	1.3	135	19/02/2021	23:00	0.9	135	20/02/2021	23:00	0.9	67.5

Date	Time	Wind Speed (m/s)	Wind Direction												
21/02/2021	0:00	1.3	112.5	22/02/2021	0:00	1.3	90	23/02/2021	0:00	1.3	112.5	24/02/2021	0:00	0.9	135
21/02/2021	1:00	1.8	112.5	22/02/2021	1:00	1.8	45	23/02/2021	1:00	0.9	90	24/02/2021	1:00	0.9	135
21/02/2021	2:00	1.3	112.5	22/02/2021	2:00	2.2	67.5	23/02/2021	2:00	0.9	90	24/02/2021	2:00	1.3	135
21/02/2021	3:00	1.8	112.5	22/02/2021	3:00	1.3	67.5	23/02/2021	3:00	1.3	112.5	24/02/2021	3:00	1.3	135
21/02/2021	4:00	1.8	90	22/02/2021	4:00	1.8	67.5	23/02/2021	4:00	1.8	112.5	24/02/2021	4:00	0.9	135
21/02/2021	5:00	1.8	90	22/02/2021	5:00	1.3	45	23/02/2021	5:00	1.3	112.5	24/02/2021	5:00	0.9	135
21/02/2021	6:00	1.8	112.5	22/02/2021	6:00	1.8	67.5	23/02/2021	6:00	1.3	112.5	24/02/2021	6:00	0.9	135
21/02/2021	7:00	1.3	90	22/02/2021	7:00	2.2	0	23/02/2021	7:00	0.9	112.5	24/02/2021	7:00	0.9	112.5
21/02/2021	8:00	0.4	90	22/02/2021	8:00	1.8	67.5	23/02/2021	8:00	0.9	112.5	24/02/2021	8:00	0.9	112.5
21/02/2021	9:00	0.9	112.5	22/02/2021	9:00	1.3	90	23/02/2021	9:00	1.3	112.5	24/02/2021	9:00	0.9	90
21/02/2021	10:00	0.4	112.5	22/02/2021	10:00	1.3	337.5	23/02/2021	10:00	1.3	112.5	24/02/2021	10:00	0.9	112.5
21/02/2021	11:00	0.4	112.5	22/02/2021	11:00	1.3	45	23/02/2021	11:00	1.8	90	24/02/2021	11:00	0.9	112.5
21/02/2021	12:00	0.9	112.5	22/02/2021	12:00	1.3	90	23/02/2021	12:00	0.9	112.5	24/02/2021	12:00	1.3	135
21/02/2021	13:00	0.4	112.5	22/02/2021	13:00	0.9	67.5	23/02/2021	13:00	1.3	112.5	24/02/2021	13:00	0.9	112.5
21/02/2021	14:00	0.4	112.5	22/02/2021	14:00	1.8	90	23/02/2021	14:00	0.9	112.5	24/02/2021	14:00	0.9	135
21/02/2021	15:00	0.9	90	22/02/2021	15:00	0.9	112.5	23/02/2021	15:00	1.3	90	24/02/2021	15:00	1.8	112.5
21/02/2021	16:00	1.8	135	22/02/2021	16:00	0.9	90	23/02/2021	16:00	1.3	135	24/02/2021	16:00	1.3	157.5
21/02/2021	17:00	2.2	135	22/02/2021	17:00	0.9	112.5	23/02/2021	17:00	1.3	135	24/02/2021	17:00	1.3	157.5
21/02/2021	18:00	1.8	135	22/02/2021	18:00	0.9	112.5	23/02/2021	18:00	0.9	112.5	24/02/2021	18:00	0.9	247.5
21/02/2021	19:00	2.2	22.5	22/02/2021	19:00	1.3	247.5	23/02/2021	19:00	0.9	112.5	24/02/2021	19:00	1.3	270
21/02/2021	20:00	2.2	292.5	22/02/2021	20:00	1.8	315	23/02/2021	20:00	0.9	112.5	24/02/2021	20:00	0.9	270
21/02/2021	21:00	3.1	225	22/02/2021	21:00	1.3	247.5	23/02/2021	21:00	0.9	112.5	24/02/2021	21:00	0.9	270
21/02/2021	22:00	2.7	112.5	22/02/2021	22:00	0.9	247.5	23/02/2021	22:00	0.9	112.5	24/02/2021	22:00	0.4	270
21/02/2021	23:00	1.8	90	22/02/2021	23:00	0.9	247.5	23/02/2021	23:00	0.9	112.5	24/02/2021	23:00	0.4	270

Date	Time	Wind Speed (m/s)	Wind Direction												
25/02/2021	0:00	0	270	26/02/2021	0:00	1.3	45	27/02/2021	0:00	2.7	90	28/02/2021	0:00	0.9	112.5
25/02/2021	1:00	0	270	26/02/2021	1:00	1.3	67.5	27/02/2021	1:00	2.2	90	28/02/2021	1:00	0.4	67.5
25/02/2021	2:00	0.4	292.5	26/02/2021	2:00	1.3	337.5	27/02/2021	2:00	1.8	112.5	28/02/2021	2:00	0.4	112.5
25/02/2021	3:00	0.4	292.5	26/02/2021	3:00	1.3	45	27/02/2021	3:00	1.8	90	28/02/2021	3:00	0.9	337.5
25/02/2021	4:00	0.4	337.5	26/02/2021	4:00	1.3	67.5	27/02/2021	4:00	1.8	67.5	28/02/2021	4:00	0.9	135
25/02/2021	5:00	0.9	337.5	26/02/2021	5:00	1.3	337.5	27/02/2021	5:00	1.3	112.5	28/02/2021	5:00	0.4	135
25/02/2021	6:00	0.4	337.5	26/02/2021	6:00	1.3	112.5	27/02/2021	6:00	1.8	45	28/02/2021	6:00	0.9	135
25/02/2021	7:00	0.4	337.5	26/02/2021	7:00	1.3	45	27/02/2021	7:00	1.8	90	28/02/2021	7:00	0.9	135
25/02/2021	8:00	0.4	337.5	26/02/2021	8:00	0.9	112.5	27/02/2021	8:00	1.3	45	28/02/2021	8:00	1.3	45
25/02/2021	9:00	0.4	135	26/02/2021	9:00	0.4	67.5	27/02/2021	9:00	1.3	67.5	28/02/2021	9:00	1.3	112.5
25/02/2021	10:00	0.4	135	26/02/2021	10:00	0.4	112.5	27/02/2021	10:00	1.8	45	28/02/2021	10:00	0.9	90
25/02/2021	11:00	1.3	112.5	26/02/2021	11:00	0.4	67.5	27/02/2021	11:00	1.3	67.5	28/02/2021	11:00	1.3	112.5
25/02/2021	12:00	1.3	112.5	26/02/2021	12:00	0.4	292.5	27/02/2021	12:00	1.8	90	28/02/2021	12:00	1.8	90
25/02/2021	13:00	1.3	112.5	26/02/2021	13:00	0.9	202.5	27/02/2021	13:00	1.3	22.5	28/02/2021	13:00	1.3	112.5
25/02/2021	14:00	0.4	90	26/02/2021	14:00	1.3	90	27/02/2021	14:00	0.9	22.5	28/02/2021	14:00	0.9	90
25/02/2021	15:00	0.4	90	26/02/2021	15:00	1.3	135	27/02/2021	15:00	1.3	157.5	28/02/2021	15:00	0.9	112.5
25/02/2021	16:00	0.4	112.5	26/02/2021	16:00	1.8	157.5	27/02/2021	16:00	0.9	180	28/02/2021	16:00	0.9	112.5
25/02/2021	17:00	0.4	112.5	26/02/2021	17:00	1.3	67.5	27/02/2021	17:00	0.4	112.5	28/02/2021	17:00	0.4	112.5
25/02/2021	18:00	0.9	135	26/02/2021	18:00	1.3	90	27/02/2021	18:00	0.4	90	28/02/2021	18:00	0.9	112.5
25/02/2021	19:00	0.9	112.5	26/02/2021	19:00	1.8	337.5	27/02/2021	19:00	0.4	90	28/02/2021	19:00	1.3	112.5
25/02/2021	20:00	0.4	90	26/02/2021	20:00	1.8	67.5	27/02/2021	20:00	0.9	112.5	28/02/2021	20:00	0.9	112.5
25/02/2021	21:00	1.8	247.5	26/02/2021	21:00	2.2	90	27/02/2021	21:00	1.3	112.5	28/02/2021	21:00	0.9	90
25/02/2021	22:00	0.9	90	26/02/2021	22:00	2.2	112.5	27/02/2021	22:00	1.3	112.5	28/02/2021	22:00	1.3	112.5
25/02/2021	23:00	1.8	22.5	26/02/2021	23:00	1.3	112.5	27/02/2021	23:00	0.9	112.5	28/02/2021	23:00	1.3	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
01/03/2021	0:00	1.3	0	02/03/2021	0:00	1.3	0	03/03/2021	0:00	1.3	90	04/03/2021	0:00	1.3	112.5
01/03/2021	1:00	1.8	90	02/03/2021	1:00	0.9	0	03/03/2021	1:00	1.3	112.5	04/03/2021	1:00	0.9	112.5
01/03/2021	2:00	1.3	67.5	02/03/2021	2:00	1.3	90	03/03/2021	2:00	0.9	112.5	04/03/2021	2:00	0.9	90
01/03/2021	3:00	1.3	247.5	02/03/2021	3:00	1.3	22.5	03/03/2021	3:00	1.3	22.5	04/03/2021	3:00	0.9	112.5
01/03/2021	4:00	0.9	247.5	02/03/2021	4:00	0.9	67.5	03/03/2021	4:00	1.8	90	04/03/2021	4:00	0.9	112.5
01/03/2021	5:00	0.4	225	02/03/2021	5:00	1.3	112.5	03/03/2021	5:00	1.8	90	04/03/2021	5:00	1.8	45
01/03/2021	6:00	1.3	112.5	02/03/2021	6:00	0.9	135	03/03/2021	6:00	2.2	112.5	04/03/2021	6:00	1.3	67.5
01/03/2021	7:00	1.3	45	02/03/2021	7:00	0.4	90	03/03/2021	7:00	1.3	112.5	04/03/2021	7:00	1.3	67.5
01/03/2021	8:00	0.9	0	02/03/2021	8:00	0.4	135	03/03/2021	8:00	2.2	112.5	04/03/2021	8:00	1.3	90
01/03/2021	9:00	0.4	90	02/03/2021	9:00	0.9	22.5	03/03/2021	9:00	1.8	112.5	04/03/2021	9:00	0.9	90
01/03/2021	10:00	0.9	112.5	02/03/2021	10:00	0.9	90	03/03/2021	10:00	2.7	45	04/03/2021	10:00	1.3	90
01/03/2021	11:00	1.3	90	02/03/2021	11:00	0.4	135	03/03/2021	11:00	1.8	67.5	04/03/2021	11:00	0.9	90
01/03/2021	12:00	2.2	90	02/03/2021	12:00	0.9	112.5	03/03/2021	12:00	1.3	45	04/03/2021	12:00	0.4	22.5
01/03/2021	13:00	2.7	90	02/03/2021	13:00	1.3	90	03/03/2021	13:00	1.8	112.5	04/03/2021	13:00	0.9	337.5
01/03/2021	14:00	2.7	112.5	02/03/2021	14:00	0.9	112.5	03/03/2021	14:00	1.3	112.5	04/03/2021	14:00	0.9	45
01/03/2021	15:00	2.7	90	02/03/2021	15:00	0.9	67.5	03/03/2021	15:00	1.8	45	04/03/2021	15:00	0.4	157.5
01/03/2021	16:00	2.2	90	02/03/2021	16:00	1.3	22.5	03/03/2021	16:00	1.8	45	04/03/2021	16:00	1.3	112.5
01/03/2021	17:00	0.9	112.5	02/03/2021	17:00	0.4	90	03/03/2021	17:00	0.9	90	04/03/2021	17:00	1.3	90
01/03/2021	18:00	1.3	90	02/03/2021	18:00	0.9	0	03/03/2021	18:00	0.9	90	04/03/2021	18:00	1.3	90
01/03/2021	19:00	0.9	90	02/03/2021	19:00	0.9	45	03/03/2021	19:00	0.9	112.5	04/03/2021	19:00	0.4	45
01/03/2021	20:00	0.9	90	02/03/2021	20:00	1.3	45	03/03/2021	20:00	1.3	112.5	04/03/2021	20:00	0.4	135
01/03/2021	21:00	0.4	112.5	02/03/2021	21:00	0.9	22.5	03/03/2021	21:00	0.9	112.5	04/03/2021	21:00	0.9	112.5
01/03/2021	22:00	0.9	112.5	02/03/2021	22:00	1.3	22.5	03/03/2021	22:00	1.3	135	04/03/2021	22:00	1.3	112.5
01/03/2021	23:00	0.9	112.5	02/03/2021	23:00	1.3	22.5	03/03/2021	23:00	1.3	135	04/03/2021	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
05/03/2021	0:00	1.3	112.5	06/03/2021	0:00	1.3	90	07/03/2021	0:00	0.4	22.5	08/03/2021	0:00	1.3	90
05/03/2021	1:00	0.4	112.5	06/03/2021	1:00	0.9	135	07/03/2021	1:00	0.4	247.5	08/03/2021	1:00	1.3	45
05/03/2021	2:00	0.9	112.5	06/03/2021	2:00	1.3	90	07/03/2021	2:00	0.9	180	08/03/2021	2:00	0.9	0
05/03/2021	3:00	0.4	90	06/03/2021	3:00	1.3	112.5	07/03/2021	3:00	1.3	45	08/03/2021	3:00	0.4	0
05/03/2021	4:00	0.9	22.5	06/03/2021	4:00	0.9	90	07/03/2021	4:00	0.9	135	08/03/2021	4:00	0.9	0
05/03/2021	5:00	0.4	337.5	06/03/2021	5:00	1.3	90	07/03/2021	5:00	1.8	45	08/03/2021	5:00	1.3	90
05/03/2021	6:00	0.4	112.5	06/03/2021	6:00	0.9	112.5	07/03/2021	6:00	0.9	67.5	08/03/2021	6:00	0.4	337.5
05/03/2021	7:00	0.4	22.5	06/03/2021	7:00	0.9	112.5	07/03/2021	7:00	1.8	45	08/03/2021	7:00	0.9	337.5
05/03/2021	8:00	0.9	135	06/03/2021	8:00	1.3	90	07/03/2021	8:00	1.3	45	08/03/2021	8:00	1.9	90
05/03/2021	9:00	1.3	112.5	06/03/2021	9:00	0.9	112.5	07/03/2021	9:00	0.9	90	08/03/2021	9:00	1.8	67.5
05/03/2021	10:00	1.3	112.5	06/03/2021	10:00	1.8	90	07/03/2021	10:00	1.3	45	08/03/2021	10:00	1.8	67.5
05/03/2021	11:00	1.3	112.5	06/03/2021	11:00	0.9	112.5	07/03/2021	11:00	1.3	45	08/03/2021	11:00	1.3	45
05/03/2021	12:00	0.4	112.5	06/03/2021	12:00	0.9	135	07/03/2021	12:00	1.3	45	08/03/2021	12:00	1.8	90
05/03/2021	13:00	1.3	112.5	06/03/2021	13:00	1.3	90	07/03/2021	13:00	0.4	22.5	08/03/2021	13:00	2.2	112.5
05/03/2021	14:00	0.9	112.5	06/03/2021	14:00	1.3	90	07/03/2021	14:00	0.4	270	08/03/2021	14:00	2.2	90
05/03/2021	15:00	0.9	112.5	06/03/2021	15:00	0.9	112.5	07/03/2021	15:00	0.9	22.5	08/03/2021	15:00	1.8	45
05/03/2021	16:00	1.3	112.5	06/03/2021	16:00	0.9	135	07/03/2021	16:00	0.4	90	08/03/2021	16:00	0.9	135
05/03/2021	17:00	1.8	112.5	06/03/2021	17:00	1.3	112.5	07/03/2021	17:00	0.4	337.5	08/03/2021	17:00	1.3	337.5
05/03/2021	18:00	0.4	270	06/03/2021	18:00	0.9	90	07/03/2021	18:00	0.4	90	08/03/2021	18:00	1.3	90
05/03/2021	19:00	0.9	112.5	06/03/2021	19:00	0.9	135	07/03/2021	19:00	0	90	08/03/2021	19:00	1.3	90
05/03/2021	20:00	1.3	90	06/03/2021	20:00	1.3	135	07/03/2021	20:00	0.9	337.5	08/03/2021	20:00	0.9	90
05/03/2021	21:00	0.4	0	06/03/2021	21:00	0.9	135	07/03/2021	21:00	0.9	67.5	08/03/2021	21:00	1.3	90
05/03/2021	22:00	0.9	90	06/03/2021	22:00	0.9	112.5	07/03/2021	22:00	0.4	0	08/03/2021	22:00	0.9	112.5
05/03/2021	23:00	1.3	90	06/03/2021	23:00	1.3	112.5	07/03/2021	23:00	0.4	45	08/03/2021	23:00	0.4	90

Date	Time	Wind Speed (m/s)	Wind Direction												
09/03/2021	0:00	0.9	0	10/03/2021	0:00	0.9	45	11/03/2021	0:00	2.2	45	12/03/2021	0:00	0	112.5
09/03/2021	1:00	0.9	90	10/03/2021	1:00	1.3	112.5	11/03/2021	1:00	2.7	67.5	12/03/2021	1:00	0	45
09/03/2021	2:00	1.8	67.5	10/03/2021	2:00	1.3	112.5	11/03/2021	2:00	2.2	45	12/03/2021	2:00	0.4	337.5
09/03/2021	3:00	1.3	292.5	10/03/2021	3:00	1.8	90	11/03/2021	3:00	1.8	45	12/03/2021	3:00	0.4	135
09/03/2021	4:00	1.8	90	10/03/2021	4:00	2.2	45	11/03/2021	4:00	1.3	0	12/03/2021	4:00	0.4	337.5
09/03/2021	5:00	2.2	45	10/03/2021	5:00	2.2	90	11/03/2021	5:00	1.3	67.5	12/03/2021	5:00	0.4	90
09/03/2021	6:00	2.2	45	10/03/2021	6:00	3.1	67.5	11/03/2021	6:00	1.8	90	12/03/2021	6:00	0.9	180
09/03/2021	7:00	0.9	112.5	10/03/2021	7:00	1.8	135	11/03/2021	7:00	1.3	67.5	12/03/2021	7:00	0	112.5
09/03/2021	8:00	0.9	67.5	10/03/2021	8:00	1.3	112.5	11/03/2021	8:00	0.9	157.5	12/03/2021	8:00	0.4	180
09/03/2021	9:00	1.3	45	10/03/2021	9:00	2.7	45	11/03/2021	9:00	2.2	90	12/03/2021	9:00	0.4	135
09/03/2021	10:00	0.9	67.5	10/03/2021	10:00	1.3	337.5	11/03/2021	10:00	0.9	315	12/03/2021	10:00	0.4	180
09/03/2021	11:00	0.4	112.5	10/03/2021	11:00	2.7	45	11/03/2021	11:00	1.3	90	12/03/2021	11:00	1.8	90
09/03/2021	12:00	0.9	0	10/03/2021	12:00	2.7	45	11/03/2021	12:00	1.8	135	12/03/2021	12:00	1.8	90
09/03/2021	13:00	0.9	270	10/03/2021	13:00	3.1	90	11/03/2021	13:00	1.3	90	12/03/2021	13:00	1.3	90
09/03/2021	14:00	0.9	90	10/03/2021	14:00	2.2	67.5	11/03/2021	14:00	1.3	135	12/03/2021	14:00	1.8	90
09/03/2021	15:00	0.9	45	10/03/2021	15:00	2.2	67.5	11/03/2021	15:00	0.9	112.5	12/03/2021	15:00	1.3	112.5
09/03/2021	16:00	1.3	112.5	10/03/2021	16:00	1.3	135	11/03/2021	16:00	0.9	90	12/03/2021	16:00	0.4	135
09/03/2021	17:00	1.3	90	10/03/2021	17:00	1.8	90	11/03/2021	17:00	1.3	112.5	12/03/2021	17:00	1.3	112.5
09/03/2021	18:00	0.9	67.5	10/03/2021	18:00	1.3	90	11/03/2021	18:00	0.4	45	12/03/2021	18:00	0.9	112.5
09/03/2021	19:00	0	112.5	10/03/2021	19:00	1.3	45	11/03/2021	19:00	0.4	135	12/03/2021	19:00	0.4	112.5
09/03/2021	20:00	0.9	45	10/03/2021	20:00	1.8	45	11/03/2021	20:00	0.4	112.5	12/03/2021	20:00	1.3	90
09/03/2021	21:00	0.4	337.5	10/03/2021	21:00	1.8	45	11/03/2021	21:00	0	112.5	12/03/2021	21:00	0.4	90
09/03/2021	22:00	0.9	90	10/03/2021	22:00	2.2	67.5	11/03/2021	22:00	0.4	22.5	12/03/2021	22:00	1.3	90
09/03/2021	23:00	0.9	112.5	10/03/2021	23:00	2.2	67.5	11/03/2021	23:00	0	337.5	12/03/2021	23:00	0.9	90

Date	Time	Wind Speed (m/s)	Wind Direction												
13/03/2021	0:00	0.9	90	14/03/2021	0:00	0.9	0	15/03/2021	0:00	0.9	90	16/03/2021	0:00	0.4	90
13/03/2021	1:00	0.9	112.5	14/03/2021	1:00	0.4	45	15/03/2021	1:00	1.3	90	16/03/2021	1:00	0.4	292.5
13/03/2021	2:00	1.8	67.5	14/03/2021	2:00	0.9	337.5	15/03/2021	2:00	1.3	45	16/03/2021	2:00	0.4	0
13/03/2021	3:00	2.2	67.5	14/03/2021	3:00	1.3	45	15/03/2021	3:00	1.3	0	16/03/2021	3:00	0.9	112.5
13/03/2021	4:00	2.2	270	14/03/2021	4:00	0.9	315	15/03/2021	4:00	0.9	22.5	16/03/2021	4:00	0.9	112.5
13/03/2021	5:00	1.8	22.5	14/03/2021	5:00	1.3	90	15/03/2021	5:00	0.9	0	16/03/2021	5:00	0.4	135
13/03/2021	6:00	1.8	67.5	14/03/2021	6:00	0.9	270	15/03/2021	6:00	0.9	22.5	16/03/2021	6:00	0.4	45
13/03/2021	7:00	1.3	45	14/03/2021	7:00	0.4	0	15/03/2021	7:00	0.4	22.5	16/03/2021	7:00	0.4	112.5
13/03/2021	8:00	1.3	67.5	14/03/2021	8:00	0.9	45	15/03/2021	8:00	0.4	315	16/03/2021	8:00	0.4	135
13/03/2021	9:00	1.8	90	14/03/2021	9:00	1.3	135	15/03/2021	9:00	0.9	112.5	16/03/2021	9:00	0.4	112.5
13/03/2021	10:00	2.2	90	14/03/2021	10:00	1.3	90	15/03/2021	10:00	1.3	90	16/03/2021	10:00	0.9	90
13/03/2021	11:00	1.8	112.5	14/03/2021	11:00	0.9	157.5	15/03/2021	11:00	1.3	135	16/03/2021	11:00	0.4	90
13/03/2021	12:00	1.3	90	14/03/2021	12:00	0.9	337.5	15/03/2021	12:00	1.3	90	16/03/2021	12:00	1.3	112.5
13/03/2021	13:00	1.8	112.5	14/03/2021	13:00	1.3	90	15/03/2021	13:00	1.8	90	16/03/2021	13:00	1.3	112.5
13/03/2021	14:00	1.3	90	14/03/2021	14:00	0.9	90	15/03/2021	14:00	1.8	90	16/03/2021	14:00	1.3	112.5
13/03/2021	15:00	1.3	112.5	14/03/2021	15:00	0.9	67.5	15/03/2021	15:00	0.4	135	16/03/2021	15:00	0.9	90
13/03/2021	16:00	1.8	90	14/03/2021	16:00	0.9	315	15/03/2021	16:00	0.9	112.5	16/03/2021	16:00	1.3	90
13/03/2021	17:00	1.8	112.5	14/03/2021	17:00	0.9	270	15/03/2021	17:00	0.9	135	16/03/2021	17:00	0.9	135
13/03/2021	18:00	0.9	0	14/03/2021	18:00	1.3	90	15/03/2021	18:00	1.3	90	16/03/2021	18:00	1.3	90
13/03/2021	19:00	0.9	315	14/03/2021	19:00	0.9	90	15/03/2021	19:00	0.4	90	16/03/2021	19:00	1.3	90
13/03/2021	20:00	0.9	45	14/03/2021	20:00	1.3	67.5	15/03/2021	20:00	0.9	90	16/03/2021	20:00	0.9	90
13/03/2021	21:00	0.4	45	14/03/2021	21:00	1.8	67.5	15/03/2021	21:00	0.9	112.5	16/03/2021	21:00	0.4	90
13/03/2021	22:00	1.3	112.5	14/03/2021	22:00	0.4	45	15/03/2021	22:00	0.9	135	16/03/2021	22:00	0.4	0
13/03/2021	23:00	0.4	22.5	14/03/2021	23:00	0.9	135	15/03/2021	23:00	0.4	45	16/03/2021	23:00	0	135

Date	Time	Wind Speed (m/s)	Wind Direction												
17/03/2021	0:00	0.4	90	18/03/2021	0:00	0.9	135	19/03/2021	0:00	0.4	157.5	20/03/2021	0:00	1.3	90
17/03/2021	1:00	0.9	90	18/03/2021	1:00	0.9	90	19/03/2021	1:00	0.9	112.5	20/03/2021	1:00	0.9	135
17/03/2021	2:00	1.3	90	18/03/2021	2:00	0.9	112.5	19/03/2021	2:00	0	90	20/03/2021	2:00	0.4	90
17/03/2021	3:00	0.4	112.5	18/03/2021	3:00	0.4	112.5	19/03/2021	3:00	0.9	0	20/03/2021	3:00	0.4	135
17/03/2021	4:00	0.9	90	18/03/2021	4:00	0.9	270	19/03/2021	4:00	0.4	337.5	20/03/2021	4:00	0.9	90
17/03/2021	5:00	0.4	135	18/03/2021	5:00	0.4	157.5	19/03/2021	5:00	0.4	67.5	20/03/2021	5:00	1.3	90
17/03/2021	6:00	0.4	135	18/03/2021	6:00	0.9	157.5	19/03/2021	6:00	0.9	112.5	20/03/2021	6:00	0.4	112.5
17/03/2021	7:00	0.4	90	18/03/2021	7:00	1.3	90	19/03/2021	7:00	1.3	315	20/03/2021	7:00	0.4	90
17/03/2021	8:00	0.4	112.5	18/03/2021	8:00	1.3	45	19/03/2021	8:00	1.3	90	20/03/2021	8:00	0.4	112.5
17/03/2021	9:00	0.9	112.5	18/03/2021	9:00	1.8	67.5	19/03/2021	9:00	1.3	90	20/03/2021	9:00	0.4	90
17/03/2021	10:00	1.3	90	18/03/2021	10:00	1.8	202.5	19/03/2021	10:00	0.9	112.5	20/03/2021	10:00	1.3	135
17/03/2021	11:00	1.8	112.5	18/03/2021	11:00	0.9	45	19/03/2021	11:00	0.9	45	20/03/2021	11:00	0.9	90
17/03/2021	12:00	1.3	90	18/03/2021	12:00	1.3	0	19/03/2021	12:00	1.3	90	20/03/2021	12:00	1.3	90
17/03/2021	13:00	1.8	90	18/03/2021	13:00	0.9	135	19/03/2021	13:00	1.8	112.5	20/03/2021	13:00	1.3	90
17/03/2021	14:00	2.2	90	18/03/2021	14:00	0.9	90	19/03/2021	14:00	2.2	90	20/03/2021	14:00	0.9	112.5
17/03/2021	15:00	1.8	90	18/03/2021	15:00	0.9	90	19/03/2021	15:00	1.8	112.5	20/03/2021	15:00	0.9	135
17/03/2021	16:00	2.2	90	18/03/2021	16:00	0.9	67.5	19/03/2021	16:00	1.8	90	20/03/2021	16:00	1.3	112.5
17/03/2021	17:00	1.3	112.5	18/03/2021	17:00	0.4	22.5	19/03/2021	17:00	1.3	112.5	20/03/2021	17:00	0.9	90
17/03/2021	18:00	0.9	112.5	18/03/2021	18:00	0.9	45	19/03/2021	18:00	0.9	90	20/03/2021	18:00	0.4	112.5
17/03/2021	19:00	0.9	90	18/03/2021	19:00	0.4	112.5	19/03/2021	19:00	0.9	90	20/03/2021	19:00	0.9	135
17/03/2021	20:00	1.3	90	18/03/2021	20:00	0.9	135	19/03/2021	20:00	0.4	90	20/03/2021	20:00	0.4	135
17/03/2021	21:00	0.4	45	18/03/2021	21:00	0.4	90	19/03/2021	21:00	0.9	45	20/03/2021	21:00	0.9	90
17/03/2021	22:00	1.3	45	18/03/2021	22:00	0	270	19/03/2021	22:00	0.4	157.5	20/03/2021	22:00	0	90
17/03/2021	23:00	0.4	90	18/03/2021	23:00	0	90	19/03/2021	23:00	0.4	157.5	20/03/2021	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
21/03/2021	0:00	0.4	90	22/03/2021	0:00	0.9	270	23/03/2021	0:00	0.9	0	24/03/2021	0:00	0.4	315
21/03/2021	1:00	0.4	90	22/03/2021	1:00	0.9	0	23/03/2021	1:00	1.3	0	24/03/2021	1:00	0.9	22.5
21/03/2021	2:00	1.3	157.5	22/03/2021	2:00	0.9	0	23/03/2021	2:00	0.9	22.5	24/03/2021	2:00	0.4	22.5
21/03/2021	3:00	1.3	90	22/03/2021	3:00	1.3	22.5	23/03/2021	3:00	0.9	0	24/03/2021	3:00	0.4	225
21/03/2021	4:00	0.4	157.5	22/03/2021	4:00	0.4	157.5	23/03/2021	4:00	1.3	0	24/03/2021	4:00	0.4	337.5
21/03/2021	5:00	0.4	112.5	22/03/2021	5:00	0.9	22.5	23/03/2021	5:00	0.9	337.5	24/03/2021	5:00	0	337.5
21/03/2021	6:00	0.9	112.5	22/03/2021	6:00	0.9	315	23/03/2021	6:00	0.9	0	24/03/2021	6:00	0.4	247.5
21/03/2021	7:00	0	135	22/03/2021	7:00	0.9	337.5	23/03/2021	7:00	1.3	45	24/03/2021	7:00	0.4	0
21/03/2021	8:00	0	22.5	22/03/2021	8:00	1.3	0	23/03/2021	8:00	1.3	90	24/03/2021	8:00	0.9	22.5
21/03/2021	9:00	0.9	0	22/03/2021	9:00	0.9	22.5	23/03/2021	9:00	1.8	22.5	24/03/2021	9:00	0.4	247.5
21/03/2021	10:00	1.3	45	22/03/2021	10:00	0.4	45	23/03/2021	10:00	1.8	315	24/03/2021	10:00	0.4	135
21/03/2021	11:00	1.3	0	22/03/2021	11:00	0.4	0	23/03/2021	11:00	1.3	0	24/03/2021	11:00	0.4	135
21/03/2021	12:00	0.4	22.5	22/03/2021	12:00	1.3	22.5	23/03/2021	12:00	1.3	90	24/03/2021	12:00	0.4	157.5
21/03/2021	13:00	1.3	67.5	22/03/2021	13:00	0.9	0	23/03/2021	13:00	0.9	112.5	24/03/2021	13:00	1.3	135
21/03/2021	14:00	1.3	67.5	22/03/2021	14:00	0.9	0	23/03/2021	14:00	0.4	112.5	24/03/2021	14:00	0.9	90
21/03/2021	15:00	0.9	0	22/03/2021	15:00	1.3	22.5	23/03/2021	15:00	0.9	90	24/03/2021	15:00	1.3	90
21/03/2021	16:00	0.9	315	22/03/2021	16:00	0.9	45	23/03/2021	16:00	0.9	0	24/03/2021	16:00	0.4	90
21/03/2021	17:00	0.9	247.5	22/03/2021	17:00	0.9	22.5	23/03/2021	17:00	0.9	22.5	24/03/2021	17:00	0	270
21/03/2021	18:00	0.9	292.5	22/03/2021	18:00	0.4	0	23/03/2021	18:00	0.4	90	24/03/2021	18:00	0.4	247.5
21/03/2021	19:00	1.3	0	22/03/2021	19:00	0.9	0	23/03/2021	19:00	0.4	22.5	24/03/2021	19:00	1.3	225
21/03/2021	20:00	1.3	90	22/03/2021	20:00	1.3	45	23/03/2021	20:00	0.4	337.5	24/03/2021	20:00	0.4	225
21/03/2021	21:00	0.9	270	22/03/2021	21:00	1.3	337.5	23/03/2021	21:00	0.4	112.5	24/03/2021	21:00	0	247.5
21/03/2021	22:00	0.4	157.5	22/03/2021	22:00	1.3	67.5	23/03/2021	22:00	0.4	45	24/03/2021	22:00	0.4	112.5
21/03/2021	23:00	0.4	0	22/03/2021	23:00	1.3	22.5	23/03/2021	23:00	0.4	112.5	24/03/2021	23:00	0.9	247.5

Date	Time	Wind Speed (m/s)	Wind Direction												
25/03/2021	0:00	0.4	292.5	26/03/2021	0:00	1.3	45	27/03/2021	0:00	0.4	112.5	28/03/2021	0:00	0.4	90
25/03/2021	1:00	1.3	112.5	26/03/2021	1:00	1.8	45	27/03/2021	1:00	0.4	135	28/03/2021	1:00	0.9	90
25/03/2021	2:00	0.4	112.5	26/03/2021	2:00	2.7	67.5	27/03/2021	2:00	0.9	45	28/03/2021	2:00	1.3	157.5
25/03/2021	3:00	0.9	90	26/03/2021	3:00	1.8	315	27/03/2021	3:00	0.4	135	28/03/2021	3:00	0.4	90
25/03/2021	4:00	1.3	90	26/03/2021	4:00	2.2	90	27/03/2021	4:00	0.4	135	28/03/2021	4:00	1.3	292.5
25/03/2021	5:00	0.4	112.5	26/03/2021	5:00	2.2	45	27/03/2021	5:00	1.3	22.5	28/03/2021	5:00	0	112.5
25/03/2021	6:00	1.3	90	26/03/2021	6:00	2.2	112.5	27/03/2021	6:00	1.3	67.5	28/03/2021	6:00	0.4	135
25/03/2021	7:00	1.3	90	26/03/2021	7:00	1.3	45	27/03/2021	7:00	0.9	112.5	28/03/2021	7:00	0.9	135
25/03/2021	8:00	0.9	67.5	26/03/2021	8:00	1.3	90	27/03/2021	8:00	0.9	135	28/03/2021	8:00	0.4	270
25/03/2021	9:00	1.3	45	26/03/2021	9:00	1.8	135	27/03/2021	9:00	0.9	315	28/03/2021	9:00	0.9	135
25/03/2021	10:00	0.9	112.5	26/03/2021	10:00	2.2	45	27/03/2021	10:00	0.9	135	28/03/2021	10:00	1.3	45
25/03/2021	11:00	1.8	112.5	26/03/2021	11:00	1.3	135	27/03/2021	11:00	1.3	90	28/03/2021	11:00	1.8	247.5
25/03/2021	12:00	1.8	112.5	26/03/2021	12:00	1.3	90	27/03/2021	12:00	0.9	67.5	28/03/2021	12:00	1.3	225
25/03/2021	13:00	2.2	90	26/03/2021	13:00	1.3	112.5	27/03/2021	13:00	1.3	90	28/03/2021	13:00	1.8	225
25/03/2021	14:00	1.8	112.5	26/03/2021	14:00	0.9	90	27/03/2021	14:00	1.3	112.5	28/03/2021	14:00	1.3	270
25/03/2021	15:00	2.7	90	26/03/2021	15:00	0.9	135	27/03/2021	15:00	0.9	90	28/03/2021	15:00	1.3	247.5
25/03/2021	16:00	1.3	67.5	26/03/2021	16:00	1.3	112.5	27/03/2021	16:00	1.3	112.5	28/03/2021	16:00	0.9	270
25/03/2021	17:00	1.8	112.5	26/03/2021	17:00	1.3	180	27/03/2021	17:00	0.9	90	28/03/2021	17:00	0.4	247.5
25/03/2021	18:00	1.3	112.5	26/03/2021	18:00	1.3	0	27/03/2021	18:00	0.9	67.5	28/03/2021	18:00	1.3	135
25/03/2021	19:00	1.8	90	26/03/2021	19:00	0	112.5	27/03/2021	19:00	1.8	22.5	28/03/2021	19:00	0.4	112.5
25/03/2021	20:00	2.2	90	26/03/2021	20:00	1.3	112.5	27/03/2021	20:00	0.4	135	28/03/2021	20:00	0.4	225
25/03/2021	21:00	1.3	90	26/03/2021	21:00	0.4	90	27/03/2021	21:00	0.4	112.5	28/03/2021	21:00	0.9	247.5
25/03/2021	22:00	1.3	135	26/03/2021	22:00	0	112.5	27/03/2021	22:00	1.3	90	28/03/2021	22:00	0.4	247.5
25/03/2021	23:00	0.9	135	26/03/2021	23:00	0.4	112.5	27/03/2021	23:00	0.9	90	28/03/2021	23:00	0.4	180

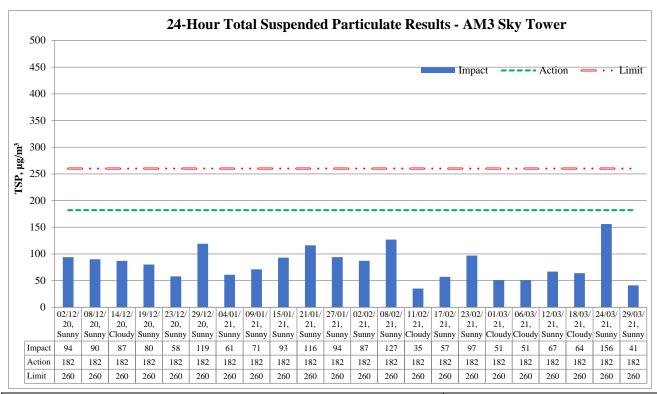
Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/03/2021	0:00	0.4	225	30/03/2021	0:00	0	157.5	31/03/2021	0:00	0.9	135				
29/03/2021	1:00	0.9	225	30/03/2021	1:00	0	157.5	31/03/2021	1:00	1.3	112.5				
29/03/2021	2:00	1.3	225	30/03/2021	2:00	0	247.5	31/03/2021	2:00	0.4	90				
29/03/2021	3:00	0.9	225	30/03/2021	3:00	0.4	270	31/03/2021	3:00	0.4	90				
29/03/2021	4:00	0.4	112.5	30/03/2021	4:00	0	292.5	31/03/2021	4:00	0.4	112.5				
29/03/2021	5:00	0.4	247.5	30/03/2021	5:00	0.4	337.5	31/03/2021	5:00	0.4	90				
29/03/2021	6:00	0.4	247.5	30/03/2021	6:00	0.4	112.5	31/03/2021	6:00	0.4	90				
29/03/2021	7:00	1.3	225	30/03/2021	7:00	0.4	112.5	31/03/2021	7:00	0.9	112.5				
29/03/2021	8:00	0.4	270	30/03/2021	8:00	0.4	22.5	31/03/2021	8:00	0.9	112.5				
29/03/2021	9:00	0.4	247.5	30/03/2021	9:00	1.3	112.5	31/03/2021	9:00	1.3	0				
29/03/2021	10:00	0.4	90	30/03/2021	10:00	0.4	112.5	31/03/2021	10:00	0.9	22.5				
29/03/2021	11:00	1.3	270	30/03/2021	11:00	0.9	292.5	31/03/2021	11:00	0.4	337.5				
29/03/2021	12:00	1.8	202.5	30/03/2021	12:00	0.9	157.5	31/03/2021	12:00	1.3	22.5				
29/03/2021	13:00	2.2	270	30/03/2021	13:00	0.9	67.5	31/03/2021	13:00	0.4	22.5				
29/03/2021	14:00	0.9	45	30/03/2021	14:00	1.8	22.5	31/03/2021	14:00	0.4	292.5				
29/03/2021	15:00	1.3	270	30/03/2021	15:00	1.3	337.5	31/03/2021	15:00	0.4	0				
29/03/2021	16:00	1.8	270	30/03/2021	16:00	1.3	45	31/03/2021	16:00	0.4	337.5				
29/03/2021	17:00	0.4	22.5	30/03/2021	17:00	1.3	45	31/03/2021	17:00	0.4	337.5				
29/03/2021	18:00	0.9	22.5	30/03/2021	18:00	1.3	90	31/03/2021	18:00	0.4	247.5				
29/03/2021	19:00	1.8	90	30/03/2021	19:00	1.3	112.5	31/03/2021	19:00	0.4	315				
29/03/2021	20:00	0.9	45	30/03/2021	20:00	1.3	112.5	31/03/2021	20:00	0.4	247.5				
29/03/2021	21:00	0.9	135	30/03/2021	21:00	1.3	247.5	31/03/2021	21:00	0.9	0				
29/03/2021	22:00	0.9	180	30/03/2021	22:00	1.3	90	31/03/2021	22:00	0.4	337.5				
29/03/2021	23:00	1.3	112.5	30/03/2021	23:00	0.9	225	31/03/2021	23:00	0.4	315				

Appendix D – Monitoring data and graphical plots

24-hour average TSP

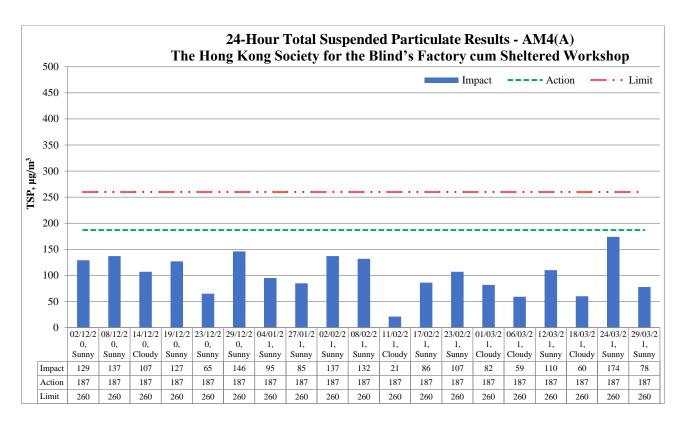
Air Monito	ring Station	AM3 – Sky Tower	AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	AM7 – Hong Kong Children's Hospital
Start Date	Weather	24-hr Average TSP Concentration, μg/m ³	24-hr Average TSP Concentration, µg/m ³	24-hr Average TSP Concentration, μg/m ³
2/12/2020	Cymmy	94	129	86
	Sunny	90	137	
8/12/2020	Sunny		- '	102
14/12/2020	Cloudy	87	107	82
19/12/2020	Sunny	80	127	85
23/12/2020	Sunny	58	65	56
29/12/2020	Sunny	119	146	140
4/1/2021	Sunny	61	95	81
9/1/2021	Sunny	71	NA*	67
15/1/2021	Sunny	93	NA*	77
21/1/2021	Sunny	116	NA*	122
27/1/2021	Sunny	94	85	76
2/2/2021	Sunny	87	137	91
8/2/2021	Sunny	127	132	138
11/2/2021	Cloudy	35	21	23
17/2/2021	Sunny	57	86	73
23/2/2021	Sunny	97	107	100
1/3/2021	Cloudy	51	82	54
6/3/2021	Cloudy	51	59	61
12/3/2021	Sunny	67	110	60
18/3/2021	Cloudy	64	60	54
24/3/2021	Sunny	156	174	161
29/3/2021	Sunny	41	78	40

NOTE: *Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between.



		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
·	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	√			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	√			
Construction of Permanent Structure for Pile Cap	√			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	\
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	\
Bridge D3 – Construction of pile cap & pier		✓	✓	\
North Depressed Road – Construction of wall & top slab / dismantling of wailing &		✓	√	√
strut of cofferdam		•	•	•
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	\	\
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

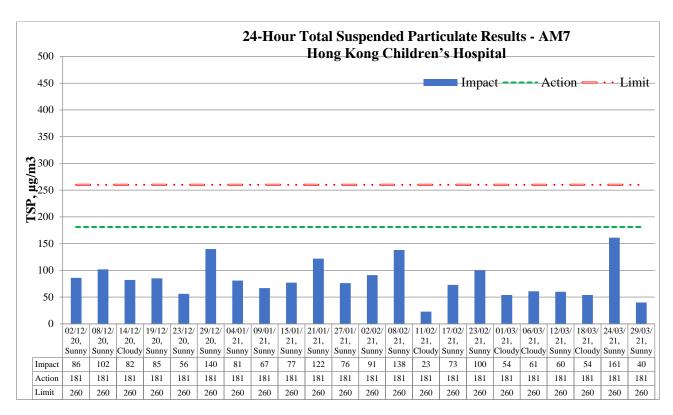
	Reporting Period					
Factors might affect the monitoring results	Dec	Jan	Feb	Mar		
	2020	2021	2021	2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		



		Reportin	g Period	
Major Construction Activities	Dec 2020	Jan 2021	Feb 2021	Mar 2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	✓
Bridge D3 – Construction of pile cap & pier		✓	✓	✓
North Depressed Road – Construction of wall & top slab / dismantling of wailing & strut of cofferdam		✓	✓	✓
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	✓	✓
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period					
Factors might affect the monitoring results	Dec	Jan	Feb	Mar		
	2020	2021	2021	2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

NOTE: Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between



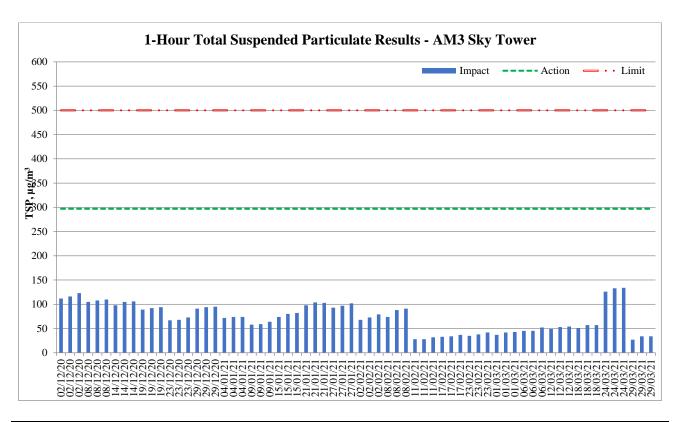
		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
·	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		\		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		\		
North Approach Ramp – Construction of wall, intermediate slab and column		\	✓	✓
Bridge D3 – Construction of pile cap & pier		\	\	✓
North Depressed Road – Construction of wall & top slab / dismantling of wailing & strut of cofferdam		✓	✓	✓
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	✓	✓
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period					
Factors might affect the monitoring results	Dec 2020	Jan 2021	Feb 2021	Mar 2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

1-hour average TSP

Air Mo	onitoring St	tatio	n	AM3 -	- Sky Tower
Date	Measure	emei	nt Period	Weather	1-hr Average TSP Concentration, μg/m ³
2/12/2020	9:00	-	10:00		112
2/12/2020	10:00	_	11:00	Sunny	116
2/12/2020	11:00	† -	12:00	,	123
8/12/2020	13:00	_	14:00		105
8/12/2020	14:00	† -	15:00	Sunny	108
8/12/2020	15:00	-	16:00		110
14/12/2020	9:00	1_	10:00		98
14/12/2020	10:00	_	11:00	Cloudy	105
14/12/2020	11:00	-	12:00		106
19/12/2020	13:00	_	14:00		89
19/12/2020	14:00	-	15:00	Sunny	92
19/12/2020	15:00	_	16:00]	94
23/12/2020	9:00	_	10:00		67
23/12/2020	10:00	 	11:00	Sunny	68
23/12/2020	11:00	_	12:00]	73
29/12/2020	13:00	-	14:00		91
29/12/2020	14:00	-	15:00	Sunny	94
29/12/2020	15:00	_	16:00		95
4/1/2021	13:00	_	14:00		72
4/1/2021	14:00	_	15:00	Sunny	74
4/1/2021	15:00	_	16:00		74
9/1/2021	10:00	_	11:00		58
9/1/2021	11:00	_	12:00	Sunny	59
9/1/2021	13:30	_	14:30		64
15/1/2021	9:00	_	10:00		74
15/1/2021	10:00	_	11:00	Sunny	80
15/1/2021	11:00	_	12:00		82
21/1/2021	9:00	_	10:00		98
21/1/2021	10:00	_	11:00	Sunny	104
21/1/2021	11:00	-	12:00		103
27/1/2021	9:00	-	10:00		93
27/1/2021	10:00	-	11:00	Sunny	97
27/1/2021	11:00	-	12:00]	102
2/2/2021	9:00	-	10:00		68
2/2/2021	10:00	-	11:00	Sunny	73
2/2/2021	11:00	-	12:00]	79
8/2/2021	13:00	-	14:00		74
8/2/2021	14:00	-	15:00	Sunny	88
8/2/2021	15:00	-	16:00]	91
11/2/2021	9:00	-	10:00		28
11/2/2021	10:00	-	11:00	Cloudy	28
11/2/2021	11:00	-	12:00		32
17/2/2021	9:00	-	10:00		33
17/2/2021	10:00	<u> </u>	11:00	Sunny	34
17/2/2021	11:00	-	12:00		37
23/2/2021	13:00	-	14:00	C	35
23/2/2021	14:00	-	15:00	Sunny	38

Air M	onitoring S	tatio	n	AM3 – Sky Tower		
Date	Measure	emer	nt Period	Weather	1-hr Average TSP Concentration, μg/m ³	
23/2/2021	15:00	-	16:00		42	
1/3/2021	9:00	-	10:00		37	
1/3/2021	10:00	-	11:00	Cloudy	42	
1/3/2021	11:00	-	12:00		43	
6/3/2021	13:00	-	14:00		45	
6/3/2021	14:00	-	15:00	Cloudy	45	
6/3/2021	15:00	-	16:00		52	
12/3/2021	9:00	-	10:00		49	
12/3/2021	10:00	-	11:00	Sunny	53	
12/3/2021	11:00	-	12:00		54	
18/3/2021	9:00	-	10:00		51	
18/3/2021	10:00	-	11:00	Cloudy	57	
18/3/2021	11:00	-	12:00		57	
24/3/2021	13:00	-	14:00		126	
24/3/2021	14:00	-	15:00	Sunny	133	
24/3/2021	15:00	-	16:00		134	
29/3/2021	9:00	-	10:00		27	
29/3/2021	10:00	-	11:00	Sunny	34	
29/3/2021	11:00	-	12:00		34	



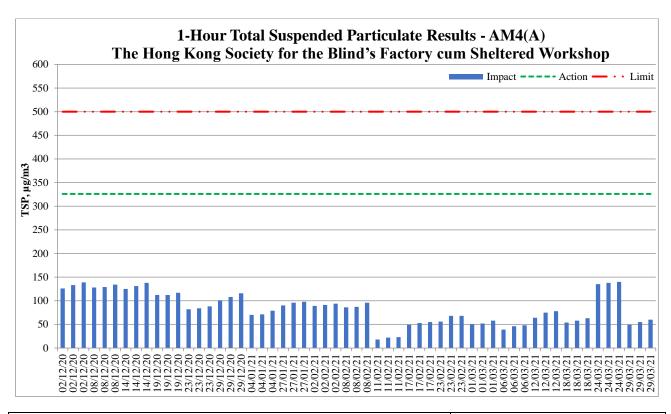
		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
·	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	√			
ELS works for Noise Barrier Foundation	√			
Noise barrier – Trial pit and utilities diversion	√			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	✓
Bridge D3 – Construction of pile cap & pier		✓	✓	✓
North Depressed Road – Construction of wall & top slab / dismantling of wailing & strut of cofferdam		✓	✓	✓
Underpass – Excavation and construction of base slab		✓	√	√
South Approach Ramp – Installation of sheet pile and excavation		· ✓	<i>√</i>	<i>✓</i>
Lift 3 – Construction of cofferdam for footing		√	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period					
Factors might affect the monitoring results	Dec	Jan	Feb	Mar		
	2020	2021	2021	2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	√	√	✓		

Air Mo	onitoring S	tatio	on	AM4(A) – The Hong Kong Society for the Blind's Fact cum Sheltered Workshop*			
Date	Measure	emei	nt Period	Weather	1-hr Average TSP Concentration, μg/m ³		
2/12/2020	13:00		14:00		126		
2/12/2020	14:00	-	15:00	Cunny	133		
2/12/2020	15:00	-	16:00	Sunny	139		
		-					
8/12/2020	9:00	-	10:00	C	128		
8/12/2020	10:00	-	11:00	Sunny	129		
8/12/2020	11:00	-	12:00		134		
14/12/2020	13:00	-	14:00	CI 1	125		
14/12/2020	14:00	-	15:00	Cloudy	131		
14/12/2020	15:00	-	16:00		138		
19/12/2020	9:00	-	10:00	G	112		
19/12/2020	10:00	-	11:00	Sunny	112		
19/12/2020	11:00	-	12:00		117		
23/12/2020	13:00	-	14:00	_	82		
23/12/2020	14:00	-	15:00	Sunny	84		
23/12/2020	15:00	-	16:00		88		
29/12/2020	9:00	-	10:00		101		
29/12/2020	10:00	-	11:00	Sunny	108		
29/12/2020	11:00	-	12:00		116		
4/1/2021	13:00	-	14:00		70		
4/1/2021	14:00	-	15:00	Sunny	71		
4/1/2021	15:00	-	16:00		79		
27/1/2021	13:00	-	14:00		90		
27/1/2021	14:00	-	15:00	Sunny	96		
27/1/2021	15:00	-	16:00		98		
2/2/2021	13:00	-	14:00		89		
2/2/2021	14:00	-	15:00	Sunny	91		
2/2/2021	15:00	-	16:00	•	94		
8/2/2021	14:00	-	14:00		86		
8/2/2021	15:00	-	15:00	Sunny	87		
8/2/2021	16:00	_	16:00	•	96		
11/2/2021	13:00	_	14:00		18		
11/2/2021	14:00	_	15:00	Cloudy	22		
11/2/2021	15:00	_	16:00	,	23		
17/2/2021	9:00	_	10:00		49		
17/2/2021	10:00	_	11:00	Sunny	53		
17/2/2021	11:00	_	12:00		55		
23/2/2021	9:00	_	10:00		56		
23/2/2021	10:00	_	11:00	Sunny	68		
23/2/2021	11:00	-	12:00	~	68		
1/3/2021	9:00	-	10:00		50		
1/3/2021	10:00	-	11:00	Cloudy	52		
1/3/2021	11:00	_	12:00	Cloudy	58		
6/3/2021	9:00	+-	10:00		39		
6/3/2021	10:00	-	11:00	Cloudy	46		
6/3/2021	11:00	-	12:00	Cioudy	48		
12/3/2021	13:00	-	14:00	1	64		
12/3/2021	14:00	-	15:00	Sunny	75		
12/3/2021	15:00	-	16:00	Sumy	78		
18/3/2021	13:00	+-	14:00		54		
18/3/2021	14:00	-	15:00	Cloudy	58		
10/3/2021	14.00	-	13.00		50		

Air M	onitoring S	tatio	n	AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*		
Date	Measure	emer	nt Period	Weather	1-hr Average TSP Concentration, µg/m ³	
18/3/2021	15:00	-	16:00		63	
24/3/2021	13:00	-	14:00		135	
24/3/2021	14:00	-	15:00	Sunny	138	
24/3/2021	15:00	-	16:00		140	
29/3/2021	9:00	-	10:00		49	
29/3/2021	10:00	-	11:00	Sunny	55	
29/3/2021	11:00	-	12:00		60	

NOTE: * Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between.



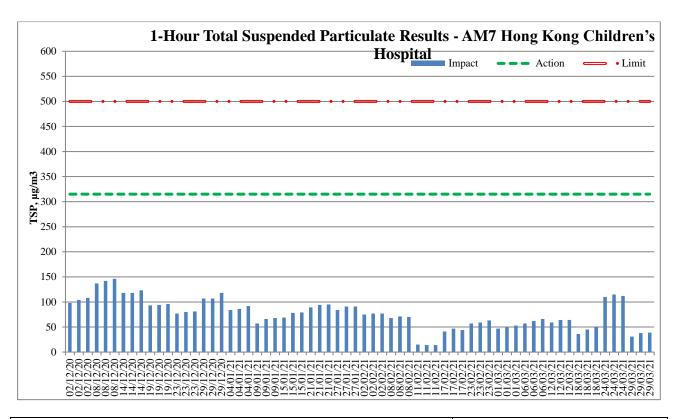
		Reportir	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	√			
Ground investigation works	√			
Excavation for North Approach Ramp	√			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	✓
Bridge D3 – Construction of pile cap & pier		✓	✓	✓
North Depressed Road – Construction of wall & top slab / dismantling of wailing & strut of cofferdam		✓	✓	✓
Underpass – Excavation and construction of base slab		✓	√	√
South Approach Ramp – Installation of sheet pile and excavation		· /	<i>'</i>	→
Lift 3 – Construction of cofferdam for footing			<i>'</i>	
Lift 4 – Excavation for footing				→
Noise barrier – Installation of steel structure and PMMA panel			√	
•			•	
South Depressed Road –Excavation and Installation of Lateral Support works				✓

Factors might affect the monitoring results Dec Jan Feb Mar 2020 2021 2021 Non-project related construction activities in the adjacent construction sites were		Reporting Period					
	Factors might affect the monitoring results						
	Non-project related construction activities in the adjacent construction sites were	2020	2021	2021	2021		

NOTE: Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between.

Air Mo	onitoring S	tatio	n	AM7 – Hong Ko	ng Children's Hospital
Date	Measur	emer	nt Period	Weather	1-hr Average TSP Concentration, μg/m ³
2/12/2020	9:00		10:00		98
2/12/2020	10:00	-	11:00	Sunny	104
2/12/2020	11:00		12:00	Sumy	104
	11:00	-	12:00		137
8/12/2020		-		C	
8/12/2020	13:00	-	14:00	Sunny	142
8/12/2020	14:00	-	15:00		146
14/12/2020	9:00	-	10:00	C1 1	118
14/12/2020	10:00	-	11:00	Cloudy	118
14/12/2020	11:00	-	12:00		123
19/12/2020	9:00	-	10:00		93
19/12/2020	10:00	-	11:00	Sunny	94
19/12/2020	11:00	-	12:00		96
23/12/2020	13:00	-	14:00	~	77
23/12/2020	14:00	-	15:00	Sunny	80
23/12/2020	15:00	-	16:00		81
29/12/2020	9:00	-	10:00		107
29/12/2020	10:00	-	11:00	Sunny	107
29/12/2020	11:00	-	12:00		118
4/1/2021	9:00	-	10:00		84
4/1/2021	10:00	-	11:00	Sunny	86
4/1/2021	11:00	-	12:00		92
9/1/2021	13:00	-	14:00		57
9/1/2021	14:00	-	15:00	Sunny	66
9/1/2021	15:00	-	16:00		68
15/1/2021	13:00	-	14:00		69
15/1/2021	14:00	-	15:00	Sunny	78
15/1/2021	15:00	-	16:00		79
21/1/2021	9:00	-	10:00		89
21/1/2021	10:00	-	11:00	Sunny	94
21/1/2021	11:00	-	12:00	•	95
27/1/2021	13:00	-	14:00		84
27/1/2021	14:00	-	15:00	Sunny	91
27/1/2021	15:00	-	16:00	ž	91
2/2/2021	13:00	-	14:00		75
2/2/2021	14:00	-	15:00	Sunny	77
2/2/2021	15:00	_	16:00	ž	77
8/2/2021	9:00	_	10:00		68
8/2/2021	10:00	-	11:00	Sunny	71
8/2/2021	11:00	_	12:00	J	70
11/2/2021	9:00	_	10:00		15
11/2/2021	10:00	_	11:00	Cloudy	14
11/2/2021	11:00	_	12:00	<i>y</i>	14
17/2/2021	13:00	_	14:00		41
17/2/2021	14:00	_	15:00	Sunny	47
17/2/2021	15:00	_	16:00	~ a	44
23/2/2021	13:15	_	14:15		57
23/2/2021	14:15	<u>-</u>	15:15	Sunny	59
23/2/2021	15:15	-	16:15	Sunity	63
1/3/2021	13:13	-	14:00		47
	13.00	-	17.00		7/
1/3/2021	14:00		15:00	Cloudy	49

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 ³
6/3/2021	9:00	-	10:00		57
6/3/2021	10:00	-	11:00	Cloudy	62
6/3/2021	11:00	-	12:00		66
12/3/2021	9:00	-	10:00		59
12/3/2021	10:00	-	11:00	Sunny	64
12/3/2021	11:00	-	12:00		64
18/3/2021	9:00	-	10:00		36
18/3/2021	10:00	-	11:00	Cloudy	45
18/3/2021	11:00	-	12:00		50
24/3/2021	9:00	-	10:00		110
24/3/2021	10:00	-	11:00	Sunny	115
24/3/2021	11:00	-	12:00		112
29/3/2021	13:00	-	14:00		31
29/3/2021	14:00	-	15:00	Sunny	38
29/3/2021	15:00	-	16:00	,	39



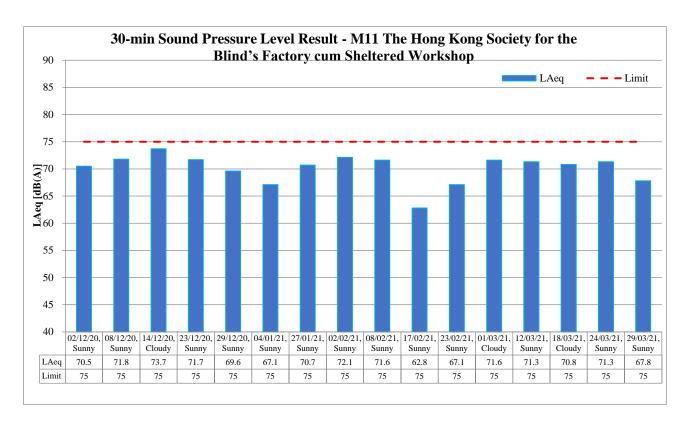
		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	\			
Excavation for North Approach Ramp	\			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		\		
District Cooling System seawater intake box culvert - Construction of cofferdam		\	✓	\
Landscaped Deck – Construction of bored piles		\	✓	\
Construction of base slab and walls of Underpass and South Depressed Road		\		
North Approach Ramp – Construction of wall, intermediate slab and column		\	✓	\
Bridge D3 – Construction of pile cap & pier		\	\	\
North Depressed Road – Construction of wall & top slab / dismantling of wailing &		√	√	√
strut of cofferdam			·	·
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	✓	✓
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period					
Factors might affect the monitoring results	Dec 2020	Jan 2021	Feb 2021	Mar 2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

30-minute Noise

Noise Monitoring Station				M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*							
Date		Measurement Period		Measurement Period				Weather	L _{Aeq} , dB(A)	L_{A10} , $dB(A)$	L_{A90} , $dB(A)$
02/12/2020	13:36	-	14:06	Sunny	70.5	72.4	67.6				
08/12/2020	9:30	-	10:00	Sunny	71.8	72.9	70.7				
14/12/2020	14:18	1	14:48	Cloudy	73.7	75.9	69.2				
23/12/2020	13:57	-	14:27	Sunny	71.7	73.5	65.6				
29/12/2020	11:15	-	11:45	Sunny	69.6	72.1	64.4				
04/01/2021	13:15	1	13:45	Sunny	67.1	68.8	64.0				
27/01/2021	14:05	1	14:35	Sunny	70.7	73.0	66.9				
02/02/2021	13:58	-	14:28	Sunny	72.1	74.1	68.1				
08/02/2021	15:00	-	15:30	Sunny	71.6	74.1	67.4				
17/02/2021	9:49	-	10:19	Sunny	62.8	63.6	60.9				
23/02/2021	13:49	-	14:19	Sunny	67.1	67.8	66.3				
01/03/2021	9:00	-	9:30	Cloudy	71.6	74.8	65.4				
12/03/2021	15:03	-	15:33	Sunny	71.3	72.4	65.8				
18/03/2021	13:46	-	14:16	Cloudy	70.8	73.9	63.2				
24/03/2021	13:38	-	14:08	Sunny	71.3	74.2	65.9				
29/03/2021	10:33	1	11:03	Sunny	67.8	71.2	59.8				

NOTE: * Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between.

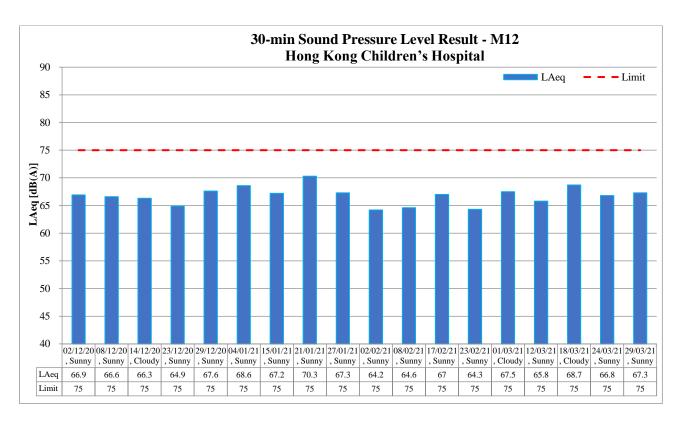


		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	✓
Bridge D3 – Construction of pile cap & pier		✓	✓	✓
North Depressed Road – Construction of wall & top slab / dismantling of wailing & strut of cofferdam		✓	✓	✓
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	✓	✓
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period					
Factors might affect the monitoring results	Dec 2020	Jan 2021	Feb 2021	Mar 2021		
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓		

NOTE: Due to the COVID-19 diagnosed case confirmed on 4 Jan 2021 in The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [AM4(A) / M11], the workshop was closed for cleaning and disinfection work from 5 to 25 Jan 2021. No impact monitoring was conducted in between.

Noise Mo	onitoring	Sta	tion	M12 - Hong Kong Children's Hospital				
Date	Measurement Period			Weather	L _{Aeq} , dB(A)	L_{A10} , $dB(A)$	L _{A90} , dB(A)	
02/12/2020	9:56	-	10:26	Sunny	66.9	68.9	63.7	
08/12/2020	13:59	-	14:29	Sunny	66.6	68.7	63.9	
14/12/2020	11:04	-	11:34	Cloudy	66.3	68.3	63.8	
23/12/2020	14:59	1	15:29	Sunny	64.9	66.7	62.4	
29/12/2020	10:25	-	10:55	Sunny	67.6	69.5	65.1	
04/01/2021	11:00	-	11:30	Sunny	68.6	69.7	63.4	
15/01/2021	15:02	-	15:32	Sunny	67.2	67.7	62.7	
21/01/2021	10:29	-	10:59	Sunny	70.3	74.2	63.4	
27/01/2021	13:01	-	13:31	Sunny	67.3	69.0	64.6	
02/02/2021	13:42	-	14:12	Sunny	64.2	65.9	61.8	
08/02/2021	10:48	-	11:18	Sunny	64.6	66.0	61.6	
17/02/2021	13:05	-	13:35	Sunny	67.0	71.1	63.9	
23/02/2021	14:51	-	15:21	Sunny	64.3	65.9	61.9	
01/03/2021	14:25	-	14:55	Cloudy	67.5	70.5	64.9	
12/03/2021	10:09	-	10:39	Sunny	65.8	66.6	64.7	
18/03/2021	11:30	-	12:00	Cloudy	68.7	69.6	67.3	
24/03/2021	9:52	-	10:22	Sunny	66.8	68.5	64.6	
29/03/2021	14:16	-	14:46	Sunny	67.3	69.3	63.7	



		Reportin	g Period	
Major Construction Activities	Dec	Jan	Feb	Mar
	2020	2021	2021	2021
Permanent Structure Construction for North Depressed Road	✓			
Ground investigation works	✓			
Excavation for North Approach Ramp	✓			
Construction of base slab and wall for North Approach Ramp	✓			
ELS works for Noise Barrier Foundation	✓			
Noise barrier – Trial pit and utilities diversion	✓			
Metal Scaffolding and Falsework Erection & Dismantling at North Approach Ramp	✓			
Construction of Permanent Structure for Pile Cap	✓			
Elevated landscape deck – Bored pile	✓			
Excavation and ELS for Underpass and South Depressed Road	✓			
Noise barrier - Construction of footings		✓		
District Cooling System seawater intake box culvert - Construction of cofferdam		✓	✓	✓
Landscaped Deck – Construction of bored piles		✓	✓	✓
Construction of base slab and walls of Underpass and South Depressed Road		✓		
North Approach Ramp – Construction of wall, intermediate slab and column		✓	✓	✓
Bridge D3 – Construction of pile cap & pier		✓	✓	✓
North Depressed Road - Construction of wall & top slab / dismantling of wailing &		√	✓	✓
strut of cofferdam			,	,
Underpass – Excavation and construction of base slab		✓	✓	✓
South Approach Ramp – Installation of sheet pile and excavation		✓	✓	✓
Lift 3 – Construction of cofferdam for footing		✓	✓	✓
Lift 4 –Excavation for footing				✓
Noise barrier – Installation of steel structure and PMMA panel			✓	✓
South Depressed Road –Excavation and Installation of Lateral Support works				✓

	Reporting Period				
Factors might affect the monitoring results	Dec	Jan	Feb	Mar	
	2020	2021	2021	2021	
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

T 4	Example				
Event	ET	IEC	Supervisor / ER	Contractor	
Action Level being exceeded by one sampling	 Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; Repeat measurement to confirm finding. 	submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	 Rectify any unacceptable practice; Amend working methods if appropriate. 	
Action Level being exceeded by two or more consecutive sampling	 Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; 	submitted by ET; 2. Check Contractor's working method;	 Confirm receipt of notification of exceedance in writing; Notify Contractor; In consolidation with the 	Discuss with ET and IEC on proper remedial actions; Submit proposals for remedial actions to	
	 Increase monitoring frequency to daily; Discuss with IEC and Contractor on remedial actions required; Assess the effectiveness of Contractor's remedial 	Contractor on possible remedial measures; 4. Advise the Supervisor /ER on the effectiveness of the proposed remedial measures.	IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 5. Conduct meeting with ET	Supervisor /ER and IEC within three working day of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.	
	actions; 6. If exceedance continues, arrange meeting with IEC and Supervisor /ER; 7. If exceedance stops, cease additional monitoring.		and IEC if exceedance continues.	арргорнасе.	
Limit Level being exceeded by one sampling	investigate the causes of exceedance;	submitted by ET; 2. Check Contractor's	1. Confirm receipt of notification of exceedance in writing;	Take immediate action to avoid further exceedance; Discuss with ET and IEC.	
	 Inform Contractor, IEC, Supervisor /ER, and EPD; Repeat measurement to confirm finding: 	3. Discuss possible remedial measures with ET and	 Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial 	on proper remedial actions; 3. Submit proposal for remedial actions to	
	confirm finding; 4. Assess effectiveness of	Contractor; 4. Advise the Supervisor /ER	Contractor on the remedial measures to be	remedial actions Supervisor /ER and	

Event and Action Plans fo	or Construction Dust Monitoring			
Event	ET	IEC Ac	Cunowigon / ED	Contractor
			Supervisor / ER	
	Contractor's remedial	on the effectiveness of the	implemented;	within three working days
	actions and keep EPD, IEC	proposed remedial	4. Supervise implementation of remedial measures;	of notification;
	and Supervisor /ER informed of the results.	measures.	5. Conduct meeting with ET	4. Implement the agreed proposals.
	informed of the results.		and IEC if exceedance	proposais.
			continues.	
Limit Level being	1. Notify IEC, Supervisor	9	1	1. Take immediate action to
exceeded by two or	/ER, Contractor and EPD;	submitted by ET;	notification of exceedance	avoid further exceedance;
more consecutive	2. Repeat measurement to	2. Check Contractor's	in writing;	2. Discuss with ET and IEC
sampling	confirm findings;	working method;	2. Notify Contractor;	on proper remedial
		3. Discuss with Supervisor		actions;
	Contractor's working	/ER, ET, and Contractor on	IEC, agree with the	3. Submit proposal for
	procedures to identify	the potential remedial	Contractor on the remedial	remedial actions to
	source and investigate the causes of exceedance;	actions; 4. Review Contractor's	measures to be	Supervisor /ER and IEC within three working days
	4. Increase monitoring	remedial actions whenever	implemented;4. Supervise implementation	of notification;
	frequency to daily;	necessary to assure their	of remedial measures;	4. Implement the agreed
	5. Arrange meeting with IEC,	effectiveness and advise	5. If exceedance continues,	proposals;
	Supervisor /ER and	the Supervisor /ER	consider stopping the	5. Submit further remedial
	Contractor to discuss the	accordingly.	Contractor to continue	actions if problem still not
	remedial action to be		working on that portion of	under control;
	taken;		work which causes the	6. Stop the relevant portion of
	6. Assess effectiveness of		exceedance until the	works as instructed by the
	Contractor's remedial		exceedance is abated.	Supervisor /ER until the
	actions and keep EPD, IEC			exceedance is abated.
	and Supervisor /ER			
	informed of the results;			
	7. If exceedance stop, cease			
	additional monitoring.			

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

Event and Action Plans fo	or Construction Noise									
E-von4	Action									
Event	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.)									

Event and Action Plans fo	or Landscape and Visual Impact			
Event		Act	tion	
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	 Identify Source. Inform IEC and Supervisor /ER. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. 	Contractor on possible remedial measures.	Notify Contractor. Ensure remedial measures are properly implemented.	Amend working methods. Rectify damage and undertake any necessary replacement.
Repeated Non-conformity	 Identify Source. Inform IEC and Supervisor /ER. Increase monitoring frequency. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. If non-conformity stops, cease additional monitoring. 	Contractor on possible remedial measures. 4. Advise Supervisor /ER on effectiveness of proposed remedial measures.	Notify Contractor. Ensure remedial measures are properly implemented.	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.: <u>ED/2018/01</u>

Monthly Summary Waste Flow Table for March 2021

	Ac	tual Quantities	s of Inert C&D	Materials Gener	ated Monthly	у	Ac	tual Quantities of	C&D Wastes (Generated Mont	hly
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 '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)
Jan	9.107	0.177		7.885	1.045						0.091
Feb	5.637	0.127	1.660	2.261	1.589						0.106
Mar	4.780		2.580		1.530	0.670					0.101
Apr											
May											
Jun										-	
Sub-total	19.524	0.304	4.240	10.146	4.164	0.670				1	0.298
July											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	19.524	0.304	4.240	10.146	4.164	0.670					0.298

	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 ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
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 50,000m³ (ER Part 8 Clause 8.7.5(d)(ii) refers)

⁽⁵⁾ Assume inert C&D materials density and non-inert C&D materials are 1.9 m³/ton and 1.5 m³/ton

 $\begin{tabular}{lll} Appendix & G - Environmental & Mitigation & Implementation & Schedule \\ \hline \textbf{(EMIS)} & & \\ \end{tabular}$

Implementatio	n Schedule for A	Air Quality Measures	
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	٨
		activities.	
S3.2	S4.8	Implementation of dust suppression measures stipulated in Air	٨
		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	^*
		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	٨
		properly fitted side and tail boards.	
		- Material having the potential to create dust should not be loaded	٨
		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	٨
		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	٨
		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	٨
		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	۸
		from its body and wheels before leaving the construction sites.	

Implementatio	n 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,	٨
		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	۸
		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	٨
		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,	٨
		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.	Environmental Protection Measures / Mitigation Measures	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.	٨
S3.4		- adequate maintenance of drainage systems to prevent flooding	٨

EIA for KTD Development Ref.				
			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	۸
			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	^
			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	۸
			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,	٨
			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	٨
			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	

Implementatio	mplementation Schedule for Water Quality Measures			
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	٨	
		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	٨	
		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	٨	
	2010	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		
62.4		well before the arrival of a rainstorm.		
S3.4		Sediment tanks of sufficient capacity, constructed from pre-formed	٨	
		individual cells of approximately 6 to 8 m ³ 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	
ICI.	W D-HI RCH	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,	٨	
		sand and fill material) of more than 50 m ³ 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	٨	
		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	٨	
		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	٨	
		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	^*	
		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.		

Implementatio	mplementation Schedule for Water Quality Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	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 Development Ref. EIA for KTD - Roads D3A & D4A Ref.		Environmental Protection Measures / Mitigation Measures	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	۸
		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	٨
		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	٨
		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.	

		Water Quality Measures		
EIA for KTD Development - Roads D3A Ref. & D4A Ref.		Environmental Protection Measures / Mitigation Measures	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	٨	
		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	٨	
		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	۸	
		adequate space should be allocated to the storage area.		

Implementation Schedule for Waste Management Measures					
EIA for KTD Development 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 be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	۸		
	S6.7	- Prepare a Waste Management Plan, which becomes a part of the 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.	Environmental Protection Measures / Mitigation Measures	Status	
S3.5	S6.7	- Training of site personnel in proper waste management and	٨	
		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	۸	
		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,	٨	
		recycled and disposed of (including the disposal sites).		
	S6.7	- Regular cleaning and maintenance programme for drainage	۸	
		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	٨	
		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	٨	
		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	٨	
		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	^	
		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:		

Implementatio	on Schedule for	Wast	te Management Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.		Environmental Protection Measures / Mitigation Measures	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.	۸
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.	٨
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 the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores.	٨
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.	۸
S3.5		-	The height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading.	۸
S3.5		-	When delivering inert C&D material to public fill reception 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.	^

Implementatio	Implementation Schedule for Waste Management Measures				
EIA for KTD Development 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	۸*		
		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.			

Implementation Schedule for Landscape and Visual Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	A		
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.	۸	
		- CM2- Control of night-time lighting and glare by hooding all	٨	

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		
		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.	۸		
		- 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: January 2021 to March 2021

Contract No.	Record of Complaint (Yes/No)	Record of Warning (Yes/No)	Notification of Summons and Successful Prosecutions (Yes/No)
ED/2018/01	Yes (1 dust complaint via hotline 1823)	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	1	0	0

Complaint Log for Complaint Ref.	Date of			Close-Out Date /
No.	Complaint	Description of Complaint	Investigation / Recommendations / Actions	Status
C0001	A dust complaint was referred from the Contractor on 21 October 2020 regarding a pubic complaint via 1823 hotline (Case no. 3-6518939602) on 20 October 2020.	 The water spraying system was not operated in proper time. Stockpile was not covered properly. Haul road was not wetted. Materials transported on trucks were not provided with mechanical covers. 	 Investigation Based on the information provided by the Contractor on 22 October 2020, the water sprinklers system was sprayed every 15 minutes with 70 seconds interval automatically. For the area that water sprinklers system was not covered, manual water spraying was provided. Dump trucks were covered with mechanical cover after loading the materials. The stockpile area was covered by the tarpaulin during night time. Based on the monitoring results on 16 October 2020, the 1-hour and 24-hour TSP results were below the Action Levels and Limit Levels. Regular site inspection was conducted by ET on 22 October 2020, no adverse observation against the dust impact was recorded.	- Closed-out on 5 No 2020 - No furthe complaint was received.

Complaint Log for Complaint Ref.	Date of	Description of Complaint	Investigation / Recommendations / Actions	Close-Out Date
No.	Complaint	Description of Complaint	Investigation / Recommendations / Actions	Status
			process.	
			Action taken	
			As per the Contractor, the water sprinklers are	
			now adjusted to start at 8:00am and end at 6:00pm	
			for Monday to Saturday while from 8:00am to	
			5:00pm on Sunday. Water spraying are set with 5-minute time interval with duration 30-60	
			seconds.	
			Seconds.	