

CEDD Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

31 January 2020

By Hand

Our Ref. : YL/2015/01)/M45/150/04741A Your Ref. :

The Director Environmental Protection Department Environmental Impact Assessment Ordinance Register Office 27/F of Southorn Centre 130 Hennessy Road Wan Chai

Dear Sir,

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works <u>Submission of Monthly Environmental Monitoring and Audit (EM&A) Report (December 2019)</u>

Pursuant to Clause no. 3.5 of the Environmental Permits Nos. EP-450/2013/A for "Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River (Stage 1)" and EP-501/2015 for "Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River (Stage 2)", we are pleased to submit herewith the Monthly EM&A Report (December 2019) with **3** hard copies and **1** electronic copy for the captioned project from 1 December 2019 to 31 December 2019 for your perusal and retention.

Please note that the above Monthly EM&A Report has certified by the ET Leader (CINOTECH) and verified by the IEC (ANewR) as having complied with the requirements of the EM&A Manual before the submission.

Should you require any further information, please contact the undersigned at 9374 0619.

Yours faithfully, For and on behalf of Mannings (Asia) Consultants Limited

Mole TAM Senior Resident Engineer

MT/nk

Encl.

cc CEDD SE/10 (WDO/2) – Mr. CHU Wai Lun, Thomas w/e MACL Messrs. Mark CHEUNG, Simon NG and William SO w/e

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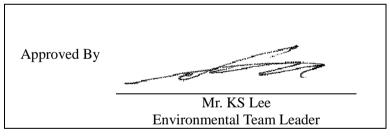
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Civil Engineering and Development Department

Agreement No. CE 67/2015 (HY) Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works Design and Construction

Monthly EM&A Report (Version 1.0)

December 2019



REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties.

CINOTECH CONSULTANTS LTD

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EXECUTIVE SUMMARY

Introduction

- 1. This is the 38th Environmental Monitoring and Audit (EM&A) Report prepared by Cinotech Consultants Limited for the "Agreement No. CE 67/2015 (HY) Cycle Tracks from Tuen Mun to Sheung Shui Remaining Works Design and Construction" (hereinafter called "the Project"). This report documents the findings of EM&A Works conducted in December 2019.
- 2. During the reporting month, the major site activities undertaken in the reporting month included:

Portion A	-	General Cleaning
Portion B	-	Internal Finishing & E&M Works, Construction of Resting Station R6,
		Colour Dressing, Installation of Bicycle Parapet, Installation of Traffic
		Aids
Portion C	-	Installation of Traffic Aids
Portion D	-	Construction of Drainage Pipe, Planter Wall PWD1, Laying Road Kerb
		and Paving Block, Laying Bituminous for Cycle Track
Portion E	-	Laying Road Kerb, Paving Block, Colour Dressing for Cycle Track
Portion F	-	Construction of Drainage Pipe, Construction of Boundary Wall & RW44
Portion G	-	Laying Bituminous for Cycle Track
Portion H	-	Construction of DW1 & DW2, Construction of Drainage Pipe, Laying
		Road Kerb
Portion I	-	Construction of U-channel in Subway D, Internal Finishing, Installation of
		Structural frame of Roofing
Portion J	-	Backfilling for RW 46, 24A, 24AA, 24C, 48, Construction of Drainage
		Pipe, Laying of Road Kerb
Portion K	-	Installation of Traffic Aids
Portion M	-	Backfilling behind RW 30A, 30B, Construction of Road Kerb, Laying
		Bituminous for Cycle Track
Portion N	-	Construction of Bridge B

Environmental Monitoring Works

3. Environmental monitoring for the Project shall be performed in accordance with the EM&A Manual and the monitoring results were checked and reviewed. Site Inspections/Audits were conducted once per week. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures were also checked.

4. Summary of the non-compliance in the reporting month for the Project is tabulated in Table I.

Table I Non-compliance Record for the Project in the Reporting Month

Parameter	No. of Ex	Action Taken	
	Action Level	Limit Level	
Noise	0	0	N/A

Key Information in the Reporting Month

5. Summary of key information in the reporting month is tabulated in **Table II**.

Table II Summary Table for Key Information in the Reporting Month

		Event De	etails		Relation			
Event	Number	Received Date	Nature	Action Taken	to project	Status	Remark	
Complaint received	1	5th December 2019	The complaint is filed against several stockpiles of dusty materials were not covered in the construction site (Yau Mei San Tsuen, Portion D) on 19 November 2019, 1300hr. No dust suppression measures were observed on site. Moreover, earth moving by grabber on lorry also generated large amount of dust.	 Increased the frequency of water spraying on the exposed earth to minimize the dust generation Removed the stockpiles on site Installed sprinklers to keep the site clearance wet 	Project related	CIR was submitted in December		
Reporting Changes	0			N/A	N/A	N/A		
Notifications of any summons & prosecutions received	0			N/A	N/A	N/A		

*One complaint was received in this reporting month.

Environmental License and Permits

- 6. Licenses/Permits granted to the Project include:
 - Environmental Permits (EP) for the Project,
 - EP-450/2013 issued on 30 May 2013 and EP-450/2013/A issued on 25 August 2015; and
 - EP-501/2015 issued on 2 September 2015
 - Billing Account for Waste Disposal (Acc No.: 7025411)
 - Discharge License
 - WT00028748-2017, WT00027672-2017, WT00027661-2017, WT00027606-2017, WT00027510-2017, WT00027509-2017, WT00027603-2017, WT00027605-2017, WT00027508-2017, WT00027834-2017, WT00028431-2017, WT00027607-2017, WT00028850-2017, WT00030236-2018, WT00034612-2019
 - Chemical Waste Producers
 - No.: WPN5213-524-K3261-01

Future Key Issues

- 7. The future key environmental issues in the coming months include:
 - Wastewater and runoff generation on-site;
 - Regular removal of silt, mud and sand along u-channels and inside sedimentation tanks;
 - Review and implementation of temporary drainage system for the surface runoff;
 - Noise from operation of the equipment, especially for excavation works and machinery on-site;
 - Dust generation from stockpiles of dusty materials, exposed site area, excavation works and other dust-generating activities;
 - Water spraying for dust generating activities and on haul road;
 - Proper storage of construction materials on-site;
 - Storage of chemicals/fuel and chemical waste/waste oil on-site;
 - Accumulation of general refuse and construction waste on-site; and
 - Protection measures for retained trees on-site.

1 INTRODUCTION

Background

- 1.1 "Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River" (the EIA Report) is a Schedule 2 Designated Project (DP) under Environmental Impact Assessment Ordinance (EIAO). The Environmental Impact Assessment (EIA) Report (Registered No.: AEIAR-133/2009) and the associated Environmental Monitoring and Audit (EM&A) Manual was approved on 12 March 2009.
- 1.2 Civil Engineering and Development Department (CEDD) implemented the DP in two stages, i.e. Stage 1 and Stage 2. An Environmental Permit (EP) No. EP-450/2013 has been granted for Stage 1 works on 30 May 2013. Pursuant to Section 13 of the EIAO, the Director of Environmental Protection amends the Environmental Permit (No. EP-450/2013) based on the Application No. VEP-478/2015 and the EP (Permit No. EP-450/2013/A) was issued on 25 August 2015 to CEDD as the Permit Holder.
- 1.3 An Environmental Review (ER) Report of the "Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River Stage 2" had been prepared in July 2015 and the Environmental Monitoring and Audit Manual (EM&A Manual) was also included as part of the ER report in the application (Application No.: AEP-501-2015). An Environmental Permit No. EP-501/2015 was issued on 2 September 2015 for Stage 2 works to CEDD as the Permit Holder.
- 1.4 "Agreement No. CE 67/2015 (HY) Cycle Tracks from Tuen Mun to Sheung Shui Remaining Works Design and Construction" (hereinafter called the "Project") covers the Stage 1 (Part) and Stage 2 works of the DP. This Project was commissioned to Sang Hing Kuly Joint Venture (hereinafter called the "Contractor") for "Contract No.: YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui Remaining Works". The site location and work programme are shown in Figure 1a-1h and Appendix A respectively.
- 1.5 Cinotech Consultants Ltd. was designated as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) works for the Project. The construction commencement of the Project was on 23rd November 2016. This is the 38th Monthly EM&A Report summarizing the EM&A works for the Project during December 2019.

Project Organizations

- 1.6 Different parties with different levels of involvement in the project organization include:
 - Project Proponent Civil Engineering and Development Department (CEDD)
 - Supervisor Representative Mannings (Asia) Consultants Limited (Mannings)
 - Environmental Team (ET) Cinotech Consultants Limited (Cinotech)
 - Independent Environmental Checker (IEC) ANewR Consulting Limited (ANewR)
 - Contractor Sang Hing Kuly Joint Venture (SKJV)

1.7 The Organizational Structure for Environmental Management is shown in **Figure 3**.

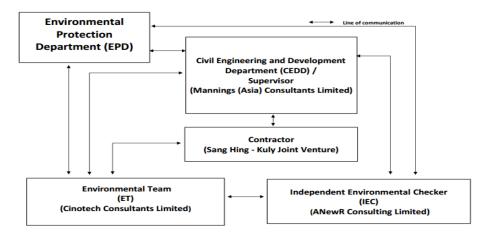


Figure 3 Organization Structure (Environmental Aspects)

1.8 The key contacts of the Project are shown in **Table 1.1**.

Party	Role	Contact Person	Phone No.	Fax No.
CEDD	Project Proponent	Mr. Chu Wai Lun, Thomas	2417 6370	2412 0358
Mannings	Supervisor Representative	Mr. Simon Ng	3168 2028	3168 2022
Cinotech	Environmental Team	Mr. KS Lee	2151 2091	2107 1299
Chlotech		Ms. Betty Choi	2151 2072	3107 1388
ANewR	Independent Environmental Checker	Mr. Adi Lee	2618 2836	3007 8648
SKJV	Contractor	Mr. Ma Kin Man	9552 1734	2890 8205

Table 1.1Key Project Contacts

Construction Activities undertaken during the Reporting Month

1.9 The major site activities undertaken in the reporting month included:

Portion A Portion B		General Cleaning Internal Finishing & E&M Works, Construction of Resting Station R6, Colour Dressing, Installation of Bicycle Parapet, Installation of Traffic Aids
Portion C	-	Installation of Traffic Aids
Portion D	-	Construction of Drainage Pipe, Planter Wall PWD1, Laying Road Kerb and Paving Block, Laying Bituminous for Cycle Track
Portion E	-	Laying Road Kerb, Paving Block, Colour Dressing for Cycle Track

Portion F	- Construction of Drainage Pipe, Construction of Boundary Wall & RW44
Portion G	- Laying Bituminous for Cycle Track
Portion H	- Construction of DW1 & DW2, Construction of Drainage Pipe, Laying Road Kerb
Portion I	- Construction of U-channel in Subway D, Internal Finishing, Installation of Structural frame of Roofing
Portion J	- Backfilling for RW 46, 24A, 24AA, 24C, 48, Construction of Drainage Pipe, Laying of Road Kerb
Portion K	- Installation of Traffic Aids
Portion M	- Backfilling behind RW 30A, 30B, Construction of Road Kerb, Laying Bituminous for Cycle Track
Portion N	- Construction of Bridge B

1.10 Inter-relationship with environmental protection/mitigation measures are presented in **Table 1.2**.

Table 1.2ConstructionProgrammeShowingtheInter-RelationshipwithEnvironmental Protection/Mitigation Measures

Construction Works	Major Environmental Impact	Control Measures
As mentioned in Section 1.9	Noise, dust impact, water quality and waste generation	 Sufficient watering of the works site with active dust emitting activities Properly cover the stockpiles On-site waste sorting and implementation of trip ticket system Appropriate desilting/sedimentation devices provided on site for treatment with valid Discharge License before discharge Well maintain the drainage system to prevent the spillage of wastewater during heavy rainfall Use of quiet plant and well-maintained construction plant Provide movable noise barrier Proper wheel washing for construction vehicles before leaving the site Provide sufficient mitigation measures as recommended in Approved EM&A Manual/Lease requirement

Summary of EM&A Requirements

- 1.11 The EM&A programme requires construction noise monitoring, air quality monitoring, landscape and visual monitoring and environmental site audit. The EM&A requirements for each parameter are described in the following sections, including:
 - All monitoring parameters;
 - Action and Limit levels for all environmental parameters;
 - Event and Action Plans;
 - Environmental mitigation measures, as recommended in the EIA Reports, Environmental Review Reports and EM&A Manuals
- 1.12 The advice on the implementation status of environmental protection and pollution control/mitigation measures is summarized in Section 8 of this report.
- 1.13 This report presents the monitoring results, observations, locations, equipment, period, methodology and QA/QC procedures of the required noise monitoring and audit works for the Project in December 2019.

2 AIR QUALITY

Monitoring Requirements

- 2.1 According to the approved EM&A Manuals for Stage 1 works and Stage 2 works in Year 2015, no air quality monitoring is required for the Project.
- 2.2 Site audits were carried out on a weekly basis to monitor and audit the timely implementation of air quality mitigation measures within the site boundaries of this Project. The summaries of site audits are attached in **Appendix G**.

3 WATER QUALITY

Monitoring Requirements

- 3.1 According to the approved EM&A Manuals for Stage 1 works and Stage 2 works in Year 2015, no water quality monitoring is required for the Project.
- 3.2 Site audits were carried out on a weekly basis to monitor and audit the timely implementation of water quality mitigation measures within the site boundaries of this Project. The summaries of site audits are attached in **Appendix G**.

4 NOISE

Monitoring Requirements

- 4.1 In accordance with approved EM&A Manuals for Stage 1 works in Year 2015, no noise impact monitoring is required for Stage 1 works of the Project.
- 4.2 According to approved EM&A Manual for Stage 2 works (Year 2015), construction noise monitoring was conducted to monitor the construction noise arising from the construction activities under the Stage 2 works of the Project. The regular monitoring frequency for each monitoring station shall be on a weekly basis and conduct one set of measurements between 0700 and 1900 hours on normal weekdays. Appendix B shows the established Action and Limit Levels for the environmental monitoring works.

Monitoring Locations

4.3 Noise monitoring was conducted at 6 designated monitoring stations (N1, N2, N3, N5, N6 and N7) in the reporting month. **Figures 2a – 2c** show the locations of these stations.

Monitoring Stations	Locations	Location of Measurement	
N1	HKMLC Wong Chan Sook Ying Memorial School	Rooftop (about 5/F) area	
N2	Bethel High School	Rooftop (about 4/F) area	
N3	No. 159 Mai Po San Tsuen	G/F area	
N5	Block 2, Dills Corner Garden	G/F area	
N6	Home of Loving Faithfulness	Rooftop (about 3/F) area	
N7	Village House in Shek Wu Wai	G/F area	

Table 4.1Noise Monitoring Stations

Monitoring Equipment

- 4.4 Integrating Sound Level Meter was used for impact noise monitoring. The meters are Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level (L_{eq}) and percentile sound pressure level (L_x) that also complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications.
- 4.5 Acoustic Calibrator was used to check the accuracy of the sound level meter. The calibrators generate a continuous and highly stable sound pressure level at known frequency of 1 kHz that also complied with IEC 942: 1988 Class 1 specifications. **Table 4.2** summarizes the noise monitoring equipment in reporting period. Copies of calibration certificates are provided in **Appendix C**.

Table 4.2 Noise Monitoring Equipment				
Equipment	Model No.	Qty.		
Integrating Sound Level Meter/ Sound & Vibration Analyser	SVAN979/SVAN949	2		
Acoustic Calibrator	SV30A	1		

Table 4.2Noise Monitoring Equipment

Monitoring Parameters and Frequency

4.6 **Table 4.3** summarizes the monitoring parameters, frequency and total duration of monitoring. The noise monitoring schedule is shown in **Appendix D**.

Monitoring Stations	Parameter	Period	Frequency	Measurement	
N1					Façade
N2				Façade	
N3	L _{eq} (30 min.) dB(A) L ₁₀ (30 min.) dB(A) L ₉₀ (30 min.) dB(A)	0700-1900 hrs on		Free Field	
N5		normal weekdays	Once per week	Free Field	
N6				Façade	
N7				Free Field	

 Table 4.3 Frequency and Parameters of Noise Monitoring

Monitoring Methodology and QA/QC Procedures

- 4.7 The monitoring procedures are as follows:
 - The monitoring station were normally be at a point 1m from the exterior of the sensitive receivers building façade and be at a position 1.2m above the ground.
 - For free field measurement, the meter was positioned away from any nearby reflective surfaces. All records for free field noise levels were adjusted with a correction of +3 dB (A).
 - The battery condition was checked to ensure the correct functioning of the meter.
 - Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
 - Frequency weighting : A
 - Time weighting : Fast
 - Measurement time : 30 minutes
 - Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement was considered invalid and repeat of noise measurement was required after re-calibration or repair of the equipment.
 - At the end of the monitoring period, the L_{eq}, L₉₀ and L₁₀ were recorded. In addition, noise sources were recorded on a standard record sheet.
 - Noise measurement would be paused temporarily during periods of high intrusive noise if possible and observation would be recorded when intrusive noise was not avoided.
 - Noise monitoring would be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s. supplementary monitoring would be provided to ensure sufficient data would be obtained.

Maintenance and Calibration

4.8 The microphone head of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.

- 4.9 The sound level meter and calibrator were checked and calibrated at yearly intervals.
- 4.10 Immediately prior to and following each noise measurement, the accuracy of the sound level meter was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

Results and Observations

- 4.11 All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. The summary of exceedance record in the reporting month is shown in **Appendix F**.
- 4.12 The baseline noise level and the Noise Limit Level at each designated noise monitoring stations are presented in **Table 4.5**.
- 4.13 Noise monitoring results and graphical presentations are shown in **Appendix E**.
- 4.14 The other noise sources identified which might affect the noise monitoring results at the designated noise monitoring stations are as follows:

Monitoring Stations	Locations	Other Noise Source(s)
N1	HKMLC Wong Chan Sook Ying Memorial School	Road traffic noise Noise from daily school activities
N2	Bethel High School	Road traffic noise Noise from daily school activities
N3	No. 159 Mai Po San Tsuen	Road traffic noise
N5	Block 2, Dills Corner Garden	Road traffic noise
N6	Home of Loving Faithfulness	Road traffic noise Noise from activities at the premise and workshops near the premise
N7	Village House in Shek Wu Wai	Road traffic noise Noise from activities at workshops near the village house

Table 4.4	Other Noise Sources Identified Which Might Affect the Noise Monitoring
	Results

Station	Baseline Noise Level, dB (A)	Noise Limit Level, dB (A)
N1	62.2 (at 0700 – 1900 hrs on normal weekdays)	70* (at 0700 – 1900 hrs on normal
N2	55.2 (at 0700 – 1900 hrs on normal weekdays)	`
N3	68.8 (at 0700 – 1900 hrs on normal weekdays)	75 (at 0700 – 1900 hrs on normal weekdays)
N5	70.7 (at 0700 – 1900 hrs on normal weekdays)	75 (at 0700 – 1900 hrs on normal weekdays)
N6	72.0 (at 0700 – 1900 hrs on normal weekdays)	75 (at 0700 – 1900 hrs on normal weekdays)
N7	70.7 (at 0700 – 1900 hrs on normal weekdays)	75 (at 0700 – 1900 hrs on normal weekdays)

Table 4.5	Baseline Noise Level and Noise Lim	it Level for Monitoring Stations
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(*) Noise Limit Level is 65 dB (A) during school examination periods.

5 COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS

5.1 The EM&A data was compared with the predictions in EIA Report (Year 2009) and Environmental Review Report (ERR) for Stage 2 Works (Year 2015) as summarized in Table 5.1.

Stations	Predicted Mitigated Construction Noise Levels in EIA (2009), dB(A)	Predicted Mitigated Worst Case Construction Noise Levels in ERR for Stage 2 (2015), dB(A)	Reporting Month (December 19), L _{eq (30min)} dB(A)
N1 - HKMLC Wong Chan Sook Ying Memorial School	55-62	62 ⁽¹⁾	52.7 - 57.5
N2 – Bethel High School	57-64	64 ⁽¹⁾	53.9 - 61.5
N3 – No. 159 Mai Po San Tsuen	70-73	74 ⁽²⁾	67.0 - 70.8
N5 – Block 2, Dills Corner Garden	73-75	75 ⁽²⁾	66.1 - 69.6
N6 – Home of Loving Faithfulness	64-73	74 ⁽¹⁾	71.2 - 72.0
N7 – Village House in Shek Wu Wai	N/A ⁽³⁾	70 ⁽²⁾	54.4 - 65.7

Table 5.1	Comparison of Noise Monitoring Data with Predictions in EIA Report and
	ERR

Remark:

(1) With adoptions of quiet PMEs, temporary noise barrier and enclosure

(2) With sub-grouping of construction activities

(3) No construction noise level was predicted in EIA Report (2009)

- 5.2 When comparing the noise monitoring results to the predicted mitigated construction noise levels in the EIA Report, the results at N1, N2, N3 was slightly lower than the range of the predicted mitigated construction noise levels in the EIA Report. The results at N5 was lower than the range of the predicted mitigated construction noise levels, while the results at N6 was within the range of the predicted mitigated construction noise levels in the EIA Report.
- 5.3 When comparing the noise monitoring results to the predicted mitigated worst case construction noise levels in the ERR for Stage 2 Works, the results at monitoring stations N1, N2, N3, N5, N6 and N7 were lower than the predicted mitigated worst case construction noise levels in the ERR for Stage 2 Works.

6 ECOLOGY AND FISHERIES

- 6.1 In accordance with the EM&A Manuals for Stage 1 and Stage 2 works in Year 2015, no specific ecological or fisheries monitoring is required during the construction phase of the Project.
- 6.2 Site audits were carried out on a weekly basis to monitor and audit the timely implementation of ecology and fisheries mitigation measure. The summaries of site audits are attached in **Appendix G**.

7 LANDSCAPE AND VISUAL IMPACT

- 7.1 In accordance with the EM&A Manuals for Stage 1 and Stage 2 works in Year 2015, regular audits should be carried out to ensure all the recommended landscape and visual mitigation measures in EIA Report, Environmental Review Reports and EM&A Manuals were effectively implemented.
- 7.2 ET Site audits were carried out on a weekly basis to monitor and audit the timely implementation of landscape and visual mitigation measure. The summaries of site audits are attached in **Appendix G**.

8 ENVIRONMENTAL AUDIT

Site Audits

- 8.1 Site audit was carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site. The summaries of site audits are attached in **Appendix G**.
- 8.2 Site audits were conducted on 5, 12, 18 and 24 December 2019 in the reporting month. IEC joint site inspection was conducted on 12 December 2019. No non-compliance was observed during the site audit.

Review of Environmental Monitoring Procedures

8.3 The monitoring works conducted by the monitoring were inspected regularly. The following observations have been recorded for the monitoring works:

Noise Monitoring

- The monitoring team recorded all observations around the monitoring stations, which might affect the monitoring result.
- Major noise sources were identified and recorded. Other intrusive noise attributing to the result was trimmed off by pausing the monitoring temporarily.

Statues of Environmental Licensing and Permitting

8.4 All permits/licenses obtained for the Project are summarized in **Table 8.1**.

Table 8.1 Summary of Environmental Licensing and Permit Status

Permit No.	Valid Period		Deteile	Status	
Permit No.	From	То	Details	Status	
Environmental Permit (EP)					
EP-450/2013/A	25/08/2015	N/A	Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River – Stage 1	Valid	
EP-501/2015	02/09/2015	N/A	Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River – Stage 2	Valid	
Billing Account for Con	struction Was	te Disposal			
A/C No.: 7025411	N/A	N/A	Billing Account for construction waste disposal under Waste Disposal (Charges for Disposal of Construction Waste) Regulation	Valid	
Effluent Discharge Lice	ense		· · · · · · · · · · · · · · · · · · ·		
WT00027672-2017	28/3/2017	31/3/2022	Discharge License for the		
WT00027661-2017	28/3/2017	31/3/2022	discharge of wastewater from the		
WT00027606-2017	27/3/2017	31/3/2022	construction site including		
WT00027510-2017	27/3/2017	31/3/2022	contaminated surface run-off to		
WT00027509-2017	20/3/2017	31/3/2022	the communal storm water drain		
WT00027603-2017	27/3/2017	31/3/2022			
WT00027508-2017	20/3/2017	31/3/2022			
WT00027605-2017	27/3/2017	31/3/2022		Valid	
WT00027607-2017	27/3/2017	31/3/2022			
WT00027834-2017	13/4/2017	30/4/2022			
WT00028431-2017	22/6/2017	30/6/2020			
WT00028748-2017	17/08/2017	31/08/2022]		
WT00028850-2017	14/08/2017	31/08/2022]		
WT00030236-2018	7/02/2018	28/02/2022	J l		
WT00034612-2019	28/11/2019	31/7/2024			
Registration of Chemical Waste Producer					
No.:WPN5213-524- K3261-01		N/A	Registration of chemical waste producer for chemical waste produced during construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River – Stage 2	Valid	

Status of Waste Management

- 8.5 The amount of wastes generated by the major site activities of this Project during the reporting month is shown in **Appendix K**.
- 8.6 In respect of the dump truck cover, the Contractor is advised to take record photos and inspection to ensure that all dump trucks have fully covered the skip before leaving the site.

Implementation Status of Environmental Mitigation Measures

- 8.7 According to the Environmental Review Reports, Environmental Permits and the EM&A Manuals of the Project, the mitigation measures detailed in the documents are recommended to be implemented during the construction phase. An updated summary of the Environmental Mitigation Implementation Schedule (EMIS) is provided in **Appendix I**.
- 8.8 During site inspections in the reporting month, no non-conformance was identified. The ET weekly site inspections were carried out during the reporting month and the observations and recommendations are summarized in **Table 8.2**. Refer to **Appendix G** for the site inspection checklists in the reporting month.

Parameters Date Observations and Recommendations		Follow-up	
Water Quality	N/A	There was no observation in the reporting period.	N/A
	23 Oct – 18 Dec 2019	Stockpile of dusty materials should be covered or kept wet at Portion D.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
	30 Oct – 27 Nov 2019	The excavated of dusty materials or stockpile of dusty materials should be covered tarpaulin at Portion I.	The condition was observed to be improved/rectified by the contractor during the audit session on 5 Dec 2019.
Ain Quality	6 Nov – 5 Dec 2019 Stockpile of dusty materials should be covered by impervious materials to prevent dust generation at Portion I.		The condition was observed to be improved/rectified by the contractor during the audit session on 12 Dec 2019.
Air Quality 14 -27 Nov 2019 Dusty area shou Bridge B.	Dusty area should be sprayed with water at Bridge B.	The condition was observed to be improved/rectified by the contractor during the audit session on 5 Dec 2019.	
	20 -27 Nov 2019	Stockpile of dusty materials should be covered at Subway A.	Follow up actions will be reported in the next month.
5 - 18 Dec 2019The public road around the should be kept cleaned; the vehicles should be washed be		The public road around the sire entrance should be kept cleaned; the wheels of site vehicles should be washed before leaving the site area at Portion J.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
	12 Dec 2019	There should be sandbags around the dusty activities to prevent dust depression outside the site boundary at Subway D.	Follow up actions will be reported in the next month.

Table 8.2 Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations	Follow-up
18 Dec 2019		The public road should be watered or placed sandbags around the site boundary to prevent dust generation at Portion B.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
	24 Dec 2019 Stockpile of dusty materials and exposed earth should be covered or kept wet at Portion D.		Follow up actions will be reported in the next month.
Noise	N/A	There was no observation in the reporting period.	N/A
	5 -18 Dec 2019	Accumulation of construction waste should be avoided at Portion J.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
Waste/ Chemical	18 Dec 2019	Accumulation of general refuse should be avoided at Portion B.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
Management	18 Dec 2019	Construction waste should be reused or removed at Bridge B.	The condition was observed to be improved/rectified by the contractor during the audit session on 24 Dec 2019.
	18 Dec 2019	Rubbish should be disposed properly at Bridge B.	Follow up actions will be reported in the next month.
	24 Dec 2019	Drip tray should be provided to contain chemicals at Subway A.	Follow up actions will be reported in the next month.
Ecology and Fisheries	N/A	There was no observation in the reporting period.	N/A
Landscape and Visual	N/A	There was no observation in the reporting period.	N/A
Permits/ Licenses	N/A		N/A

Implementation Status of Event and Action Plans

8.9 The Event and Action Plan for noise is presented in **Appendix H**.

Construction Noise

8.10 No Action/Limit Level exceedance was recorded in the reporting month.

Record of Complaint, Warning, Notification of any Summons and Successful Prosecution

8.11 The record of all environmental complaints, warnings, summons and notifications of successful prosecution for the Project is presented in **Appendix J**.

9 FUTURE KEY ISSUES

9.1 Major site activities undertaken for the coming months include:

Portion A

1. General Cleaning

Portion **B**

- 1. Internal Finishing & E&M Works for Subway A
- 2. Installation of Steel Roof,
- 3. Construction of Resting Station R6
- 4. Construction of Cycle Track
- 5. Construction of Drainage

Portion C

- 1. Planting,
- 2. Installation of water point

Portion D

- 1. Construction of Planter Wall PWD1
- 2. Backfilling for Retaining Wall 15D, 15E, 16A & PWD1
- 3. Construction of Drainage Pipe / Channel
- 4. Construction of Road Kerb
- 5. Laying Bituminous Pavement for Cycle Track
- 6. Installation of Bicycle Parapet

Portion E

- 1. Construction of Retaining RW D3, D5 & Access Ramp
- 2. Realignment of San Tam Road and Mai Po Lung Road
- 3. Construction of Road Kerb
- 4. Laying Bituminous for Cycle Track
- 5. Installation of Bicycle Parapet and Railing
- 6. Construction of Footpath
- 7. Construction of Drainage Pipe / Channel
- 8. CCTV for Drainage Pipe

Portion F

- 1. Construction of Boundary Wall and Retaining Wall RW 44
- 2. Backfilling for Retaining Wall
- 3. Construction of Road Kerb
- 4. Laying Bituminous for Cycle Track
- 5. Installation of Bicycle Parapet and Railing
- 6. Construction of Footpath
- 7. Construction of Drainage Pipe / Channel
- 8. Installation of Traffic Aids
- 9. CCTV for Drainage Pipe

Portion G

- 1. Installation of Traffic Aids
- 2. Colour Dressing for Cycle Track

Portion H

- 1. Construction of Retaining Wall RW DW1 & DW2
- 2. Backfilling for Retaining Wall
- 3. Construction of Road Kerb
- 4. Laying Bituminous for Cycle Track
- 5. Installation of Bicycle Parapet and Railing
- 6. Construction of Drainage Pipe / Channel
- 7. Construction of Cross Ducting for Traffic Signal
- 8. Realignment of Castle Peak Road

Portion I

- 1. Internal Finishing & E&M Works for Subway D
- 2. Installation of Steel Roof,
- 3. Installation of Flooding Warning System
- 4. Reinstate the Existing Slope and Carriageway, Removal of Temporary Steel Bridge of TTA
- 5. Construction of Drainage / Channel

Portion J

- 1. Construction of Retaining Wall RW48
- 2. Backfilling for Retaining Wall
- 3. Construction of Drainage / Channel
- 4. Construction of Road Kerb
- 5. Laying Bituminous Pavement for Cycle Track
- 6. Installation of Bicycle Parapet and Type II Railing

Portion K

1. Installation of Traffic Aids

Portion M

- 1. Installation of Lighting for Bridge E
- 2. Laying Bituminous Pavement for Cycle Track
- 3. Installation of Bicycle Parapet / Railing
- 4. Construction of Road Kerb
- 5. Construction of Drainage / Channel

Portion N

- 1. Construction of Decking for Bridge B
- 2. Construction of Drainage / Channel
- 3. Construction of Retaining Wall

- 9.2 Key environmental issues in the coming months include:
- Wastewater and runoff generation on-site;
- Regular removal of silt, mud and sand along u-channels and inside sedimentation tanks;
- Review and implementation of temporary drainage system for the surface runoff;
- Noise from operation of the equipment, especially for excavation works and machinery onsite;
- Dust generation from stockpiles of dusty materials, exposed site area, excavation works and other dust-generating activities;
- Water spraying for dust generating activities and on haul road;
- Proper storage of construction materials on-site;
- Storage of chemicals/fuel and chemical waste/waste oil on-site;
- Accumulation of general refuse and construction waste on-site; and
- Protection measures for retained trees.

9.3 The tentative program of major site activities and the impact prediction and control measures for the coming months, i.e. January to February 2020, are summarized as follows:

Construction Works	Major Impact Prediction	Control Measures
	Air quality impact (dust) Water quality impact (surface	 (a) Frequent watering of haul road and unpaved/exposed areas; (b) Frequent watering or covering stockpiles with tarpaulin or similar means; and (c) Watering of any earth moving activities. (d) Diversion of the collected effluent to de-silting facilities for treatment in compliance with
As mentioned in Section 9.1	run-off)	 valid Discharge License prior to discharge to public storm water drains; (e) Provision of adequate de-silting facilities for treating surface run-off and other collected effluents prior to discharge; (f) Provision of perimeter protection such as sealing of hoarding footings to avoid run-off from entering the existing storm water drainage system via public road; and (g) Provision of measures to prevent discharge into the stream.
	Noise impact	 (h) Scheduling of noisy construction activities if necessary to avoid persistent noisy operation; (i) Controlling the number of plants use on site; (j) Regular maintenance of machines (k) Use of quiet PMEs on-site; and (l) Use of acoustic barriers and noise enclosure if necessary.
	Landscape and Visual	(m) Proper setup of precautionary area for retained trees.

Monitoring Schedule for the Next Month

9.4 The tentative environmental monitoring schedules for the next month are shown in **Appendix D**.

10 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

10.1 Environmental monitoring works were performed in the reporting month and all monitoring results were checked and reviewed.

Construction Noise Monitoring

10.2 All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was record.

Site Audit

10.3 4 times of ET joint weekly environmental site inspections were conducted in the reporting month.

Complaint and Prosecution

- 10.4 One environmental complaint was received in this reporting month.
- 10.5 No environmental prosecution was received in the reporting month.

Recommendations

10.6 According to the environmental audit performed in the reporting month, the following recommendations were made:

Air Quality

- Water spraying should be provided frequently to unpaved and exposed area, and haul roads for dust suppression.
- Proper tarpaulin coverage or water spraying should be implemented to all stockpiles in the Site to prevent dust generation.

Water Quality

- Nearby channels should be kept clean.
- Embankment or dikes should be established at the site boundary to direct any untreated wastewater from the Site to wastewater treatment facility during rain events to perform water treatment before discharge.
- Standing or ponding water within the Site should be cleared as far as practicable.

Waste/Chemical Management

- General refuse should be removed regularly to prevent accumulation on-site. Proper enclosed bin should be provided with maintenance for collection of general refuse from workforce.
- Drip tray should be provided to oil/chemical containers and generator to avoid oil leakage. Any oil stain observed on ground should be properly removed as chemical waste.

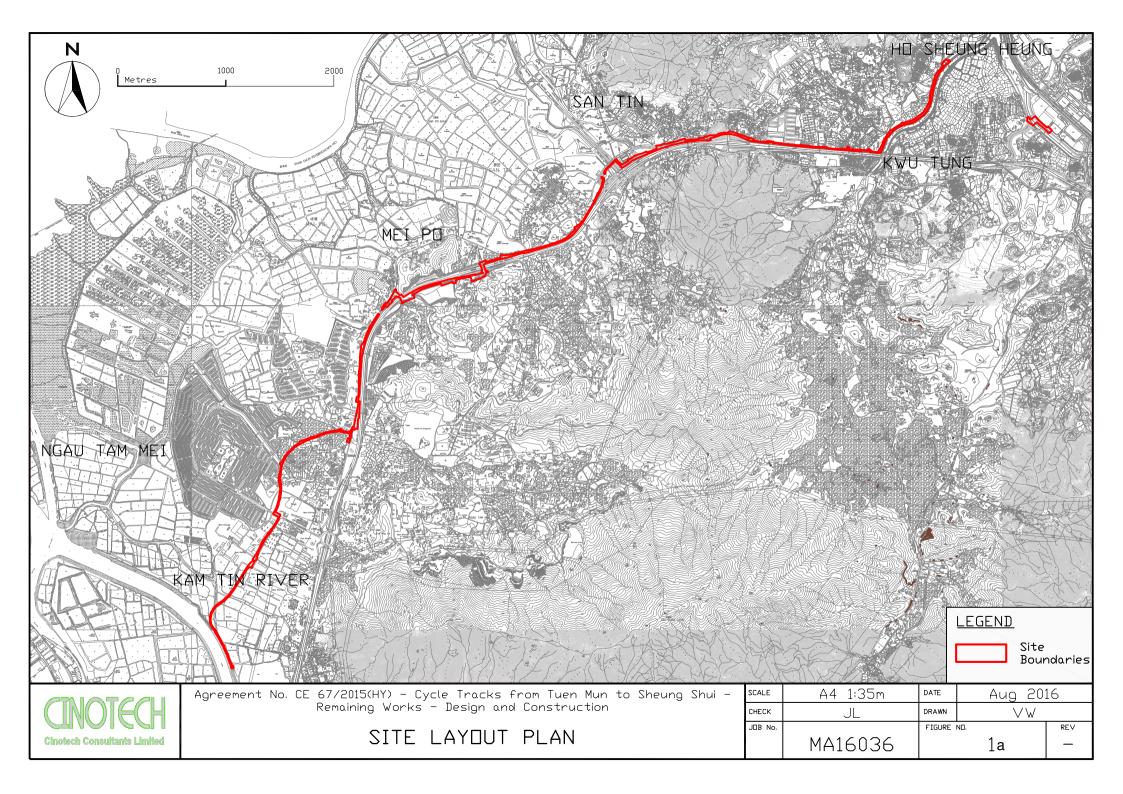
Landscape and Visual

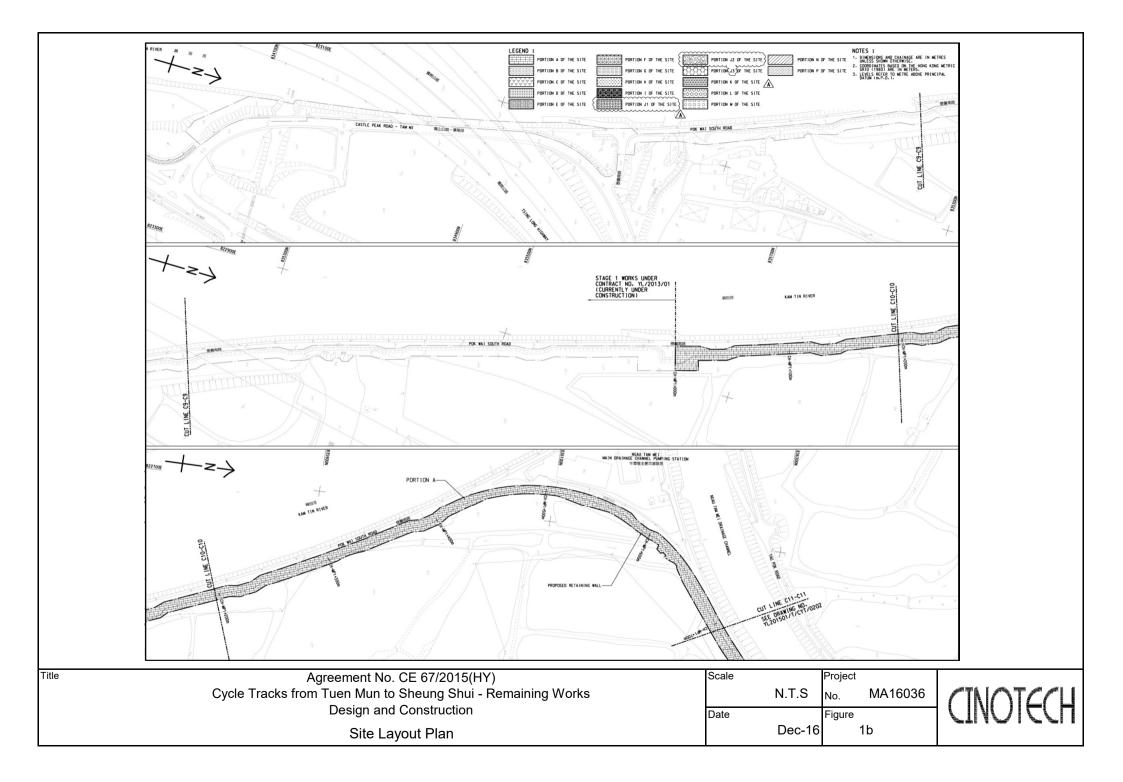
• Adequate tree protection zones should be established to protect retained and existing trees. Conspicuous signs of status of trees should be clearly shown to avoid damage from PMEs or workers.

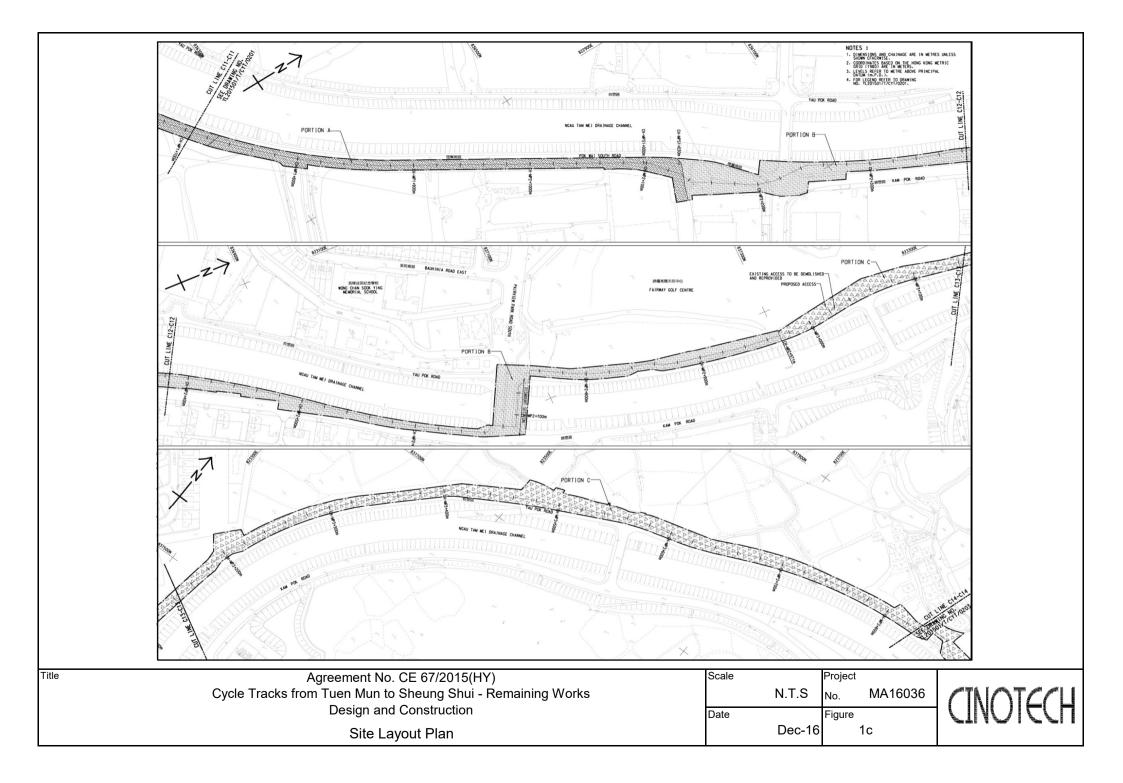
Permits/Licences

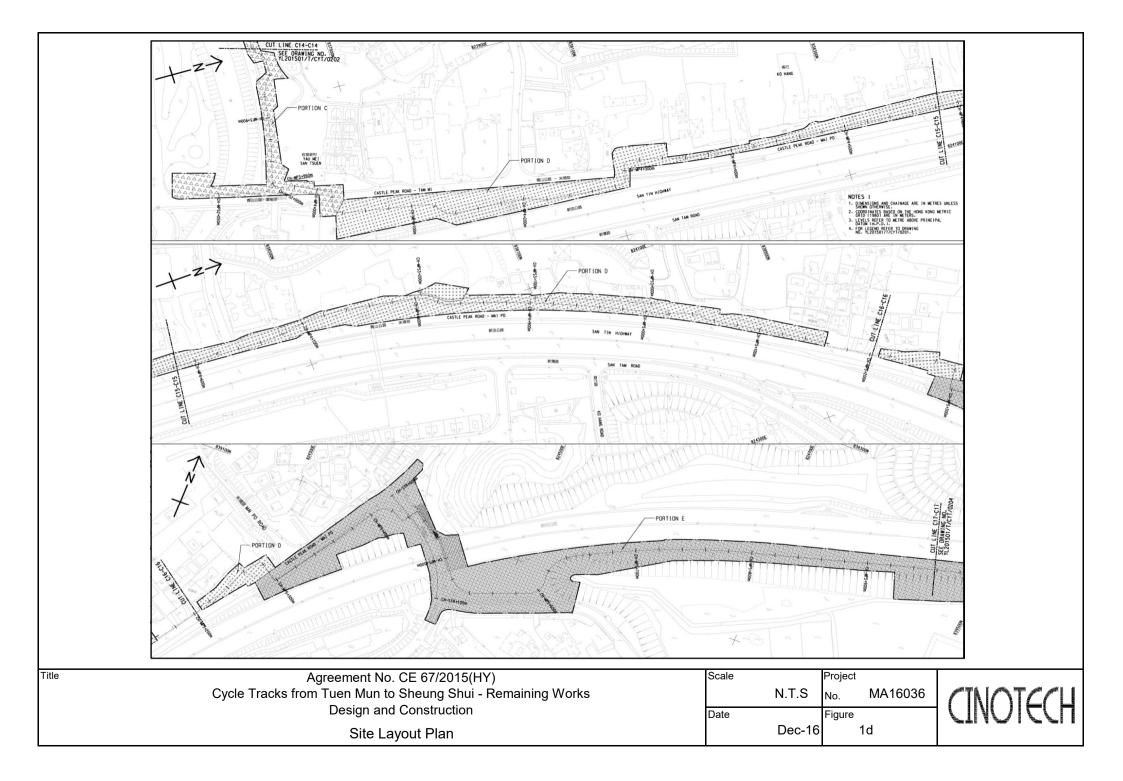
• Environmental licences should be properly displayed at every entrance.

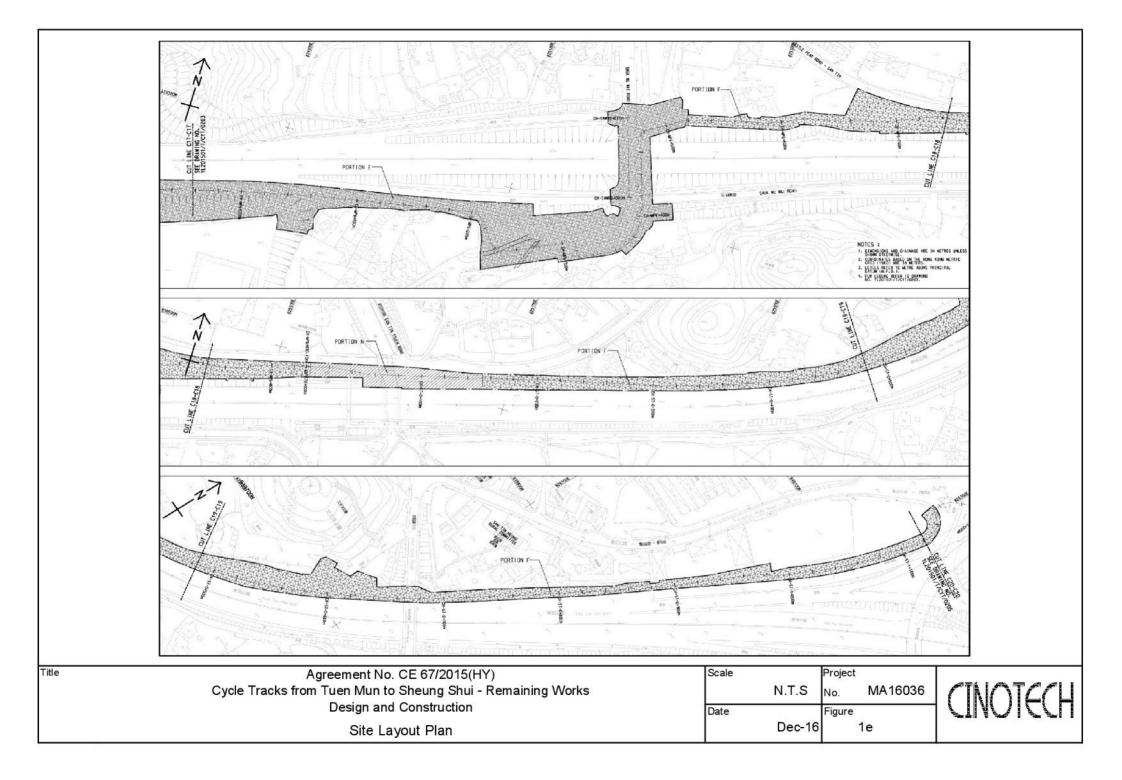
FIGURES

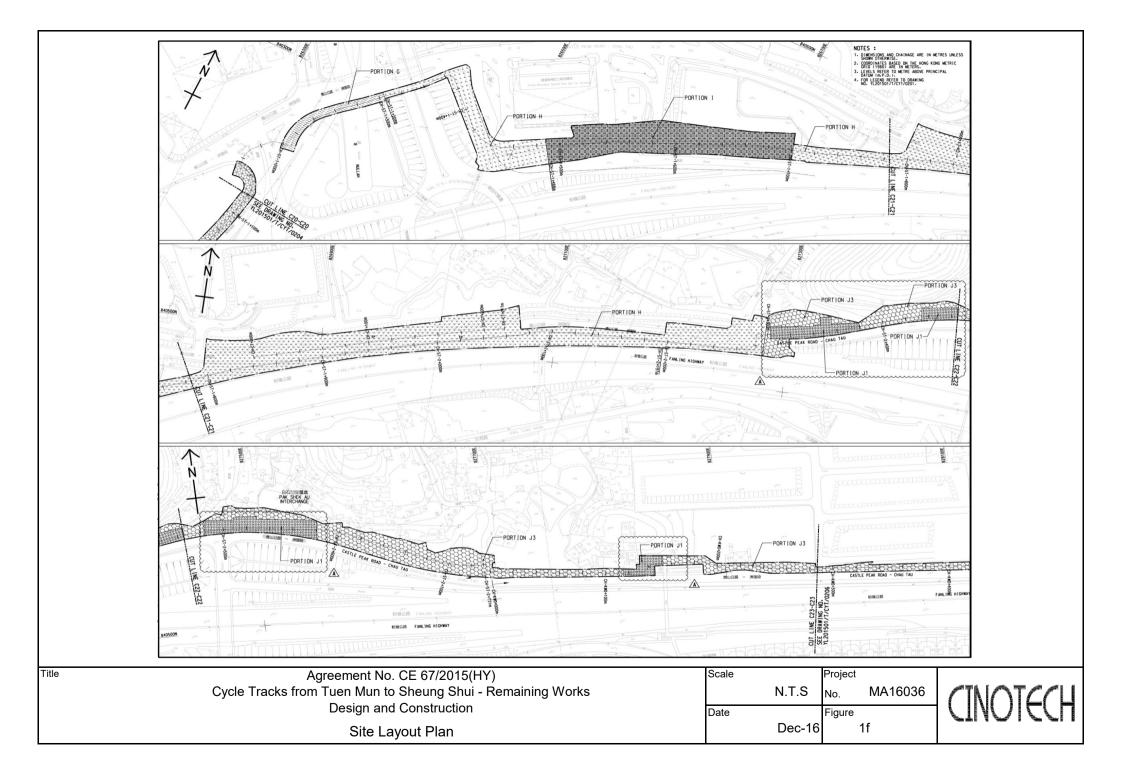


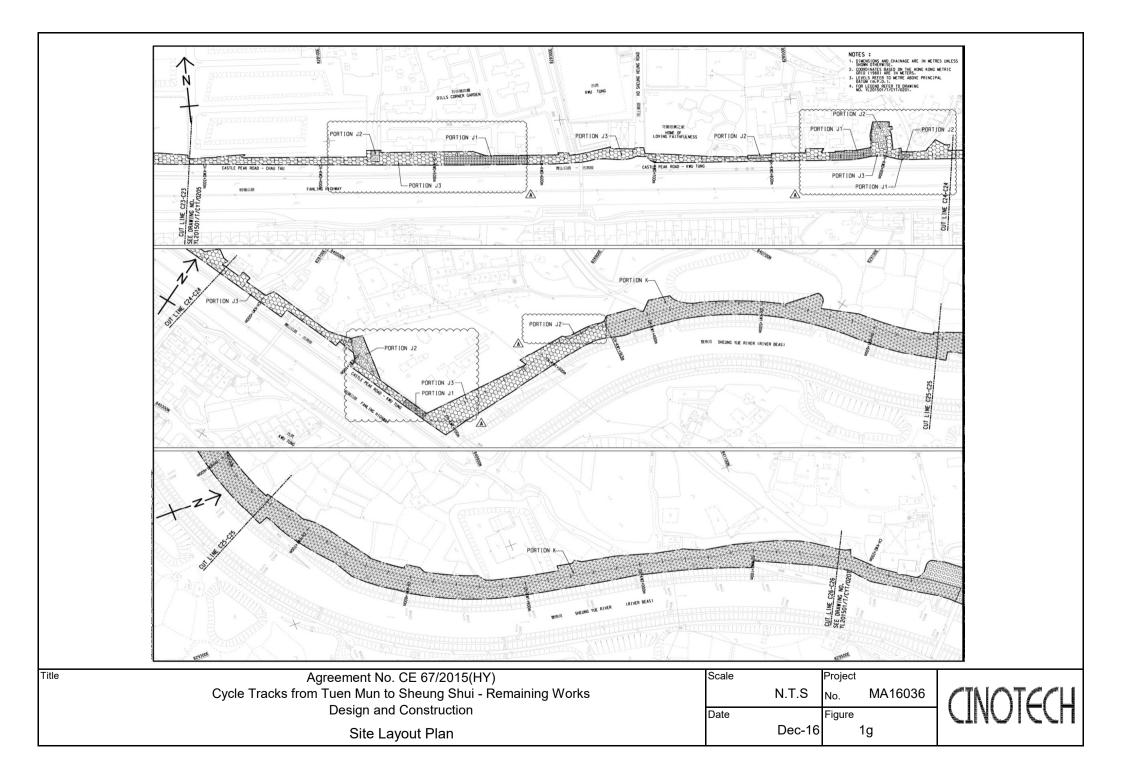


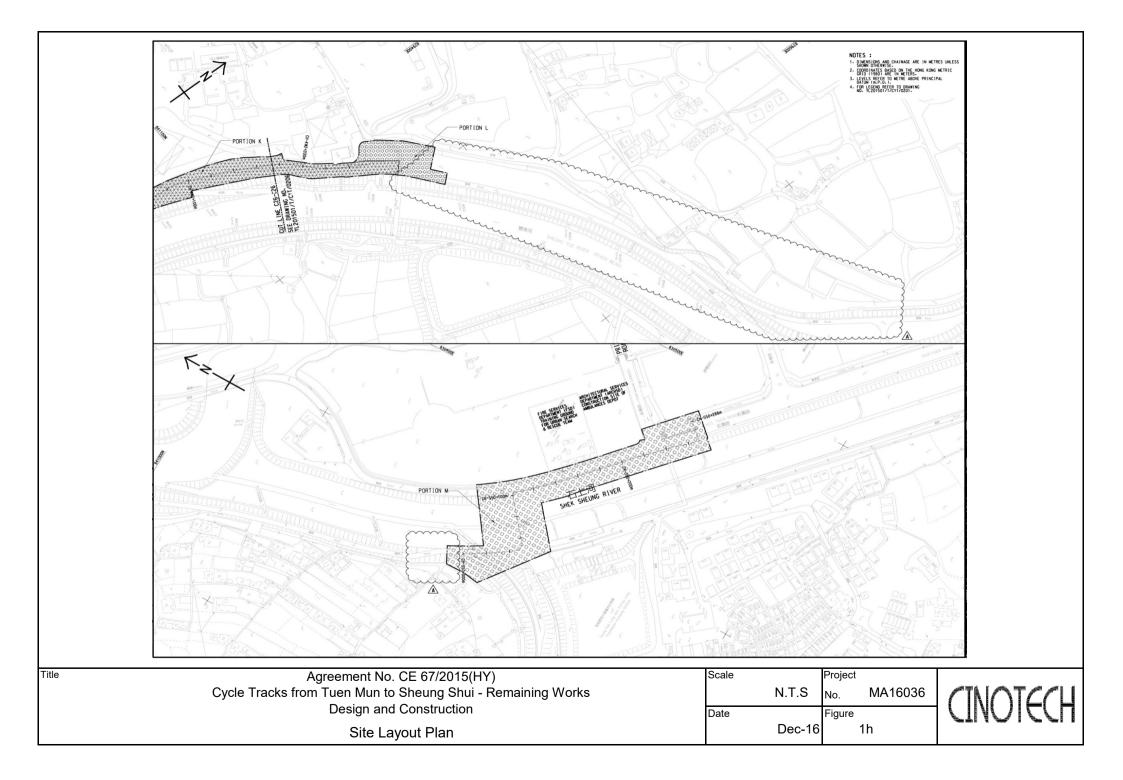


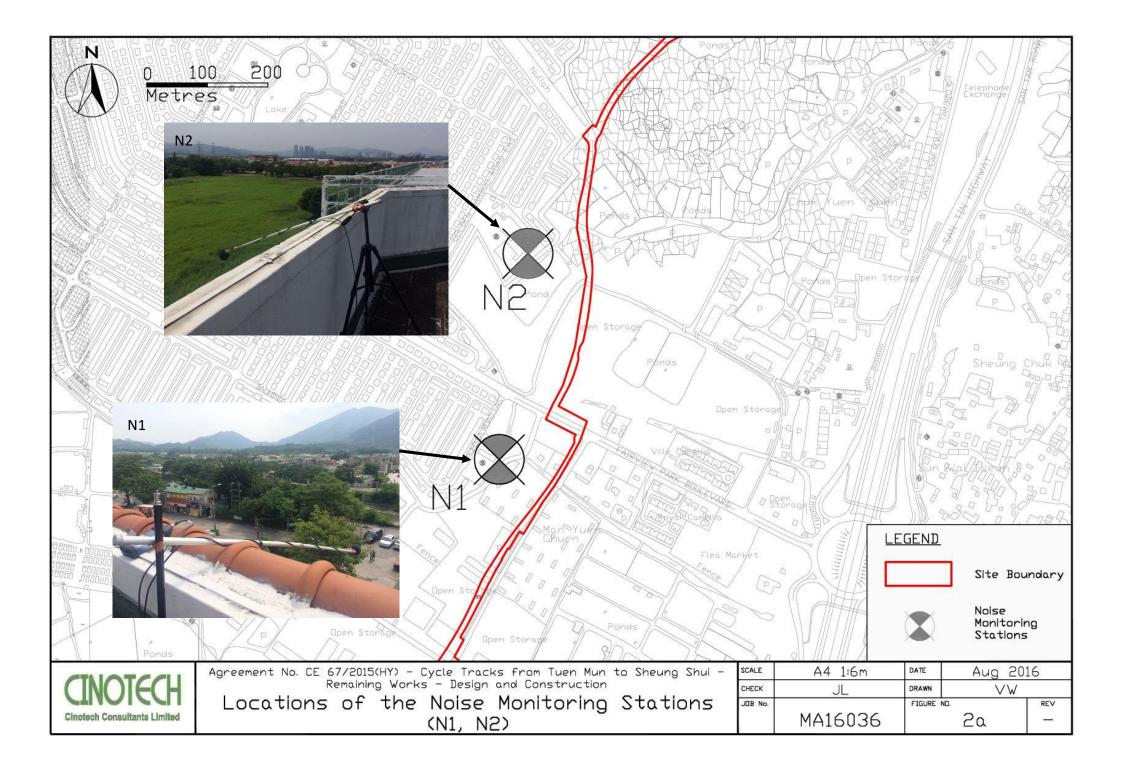


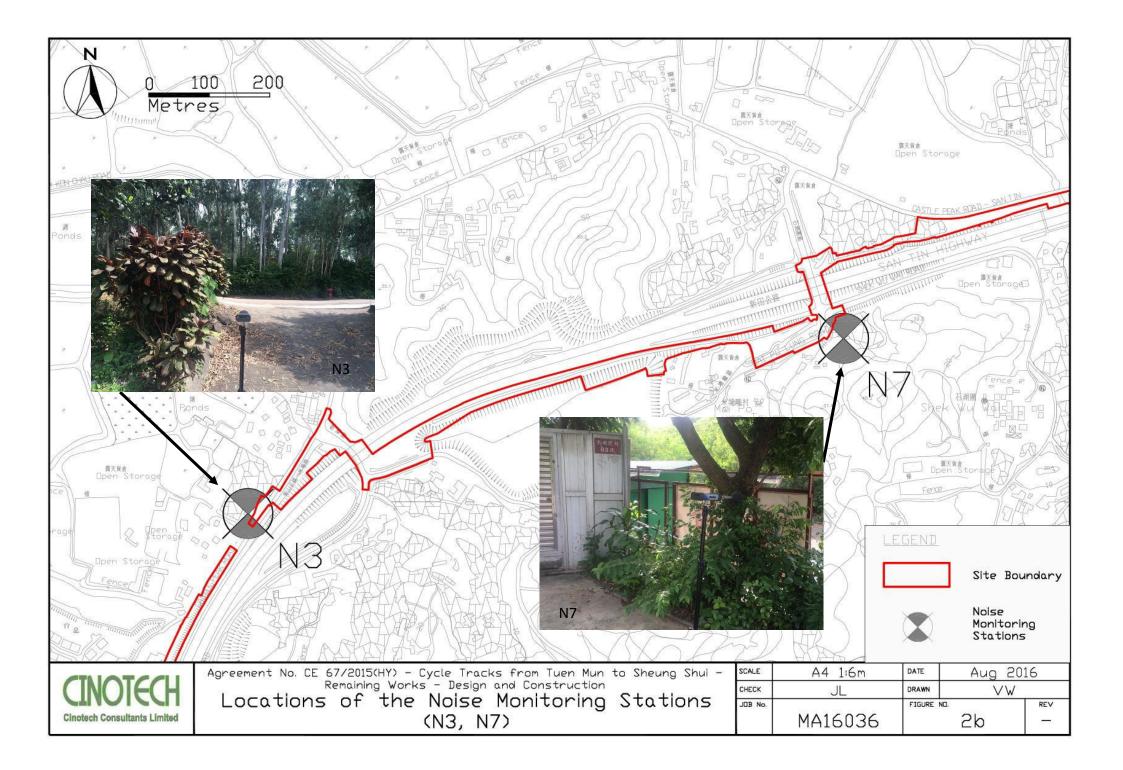


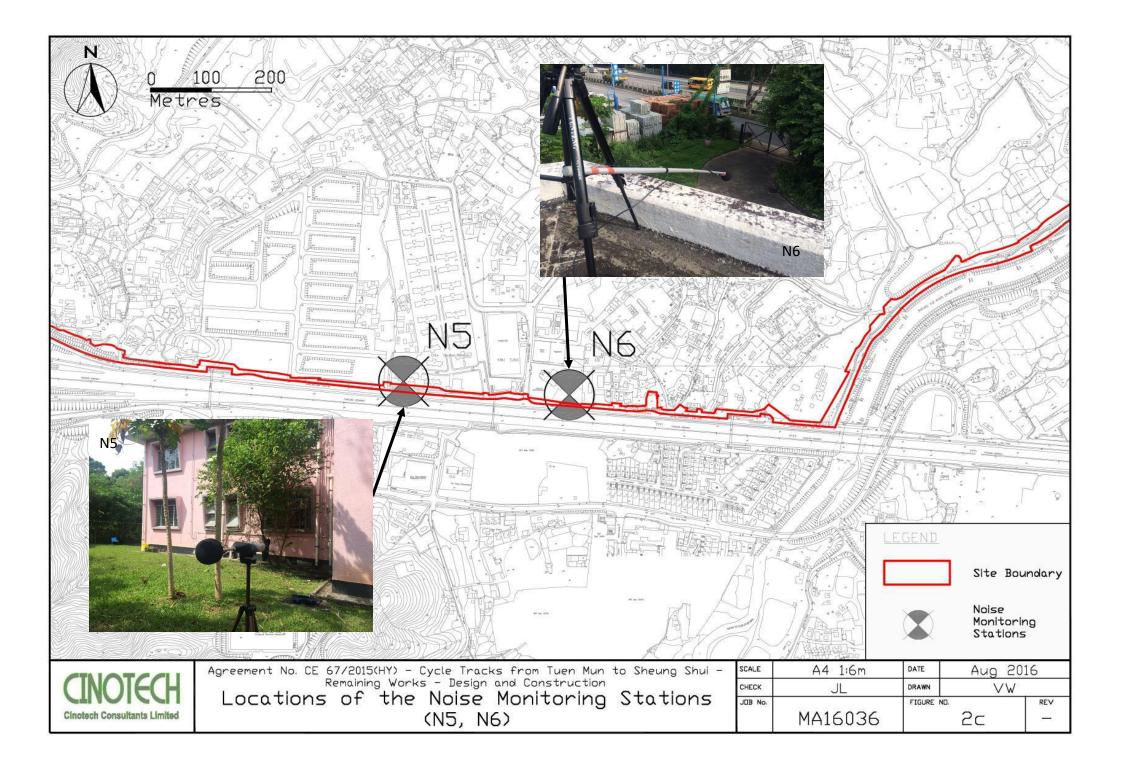












APPENDIX A WORK PROGRAMME



生興 - 豊利聯營 Sang Hing - Kuly Joint Venture

28th June 2019

Our ref.: SKJV/W52/SO/3497

Mannings (Asia) Consultants Ltd. 5/F, Winning Commercial Building, 46-48 Hillwood Road, Tsim Sha Tsui, Kowloon

By fax & post Fax no.: 3168 2022

Attn.: Mr. Mole Tam (Senior Resident Engineer)

Dear Sirs,

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works <u>Updated Programme</u>

Enclosed please find our updated programme for your information and acceptance. A summary is also attached herewith this letter for your easy reference.

In several meetings, we understand that CEDD and your Office would request us to complete the proposed Cycle Track by the end of this year. However, our programme are hindered by some external constraints such as Street Lighting Works by Highways Department, approval of GRP Roofing at Subway A & D, utilities diversions at Retaining Walls RW49 and RW50 and additional walls at Portions J1 to J3, etc.

In view of this requirement, we would like to arrange an ad hoc meeting to seek a better solution to accelerate the works.

Thank you for your kind attention

Yours faithfully, For and on behalf of Sang Hing - Kuly Joint Venture

Tang Wing Kal Site Agent

WKT/MKM/TL/tl

Encl.

Remark				Assume GRP	approval obtained on 15/7/19						
Critical Priority					2nd appr	5					
Target Completion	30-Sep-19	16-Oct-19	15-Jul-19	15-Oct-19	13-Jan-20	23-Feb-20	30-Sep-19	7-Nov-19	16-Oct-19		30-Jun-19
Major outstanding work / critical work Cc	1) Street Lighting works and Colour Dressing 3(1) Subway A Bay 12 to Bay 16	2) GRP Roofing Approval	3) GRP Roofing Order and Delivery	4) GRP installation	5) Road work inside subway	5) Street Lighting works and colour Dressing	1) Street Lighting works and Colour Dressing 7	2) Additional Proposed staircase, ramp at Yau Po Road		1) Approval of Street Lighting 3
Updated Programme Completion Date	30/9/2019 1)	1)	2)	33/0/000		2)	5)	11 010000 11			(1)
Revised Completion Date (Including with Time Saving)							7/4/2019				
Revised Completion Date							5/6/2019			_	
Portion	A			æ	2			C			
Section							MI				

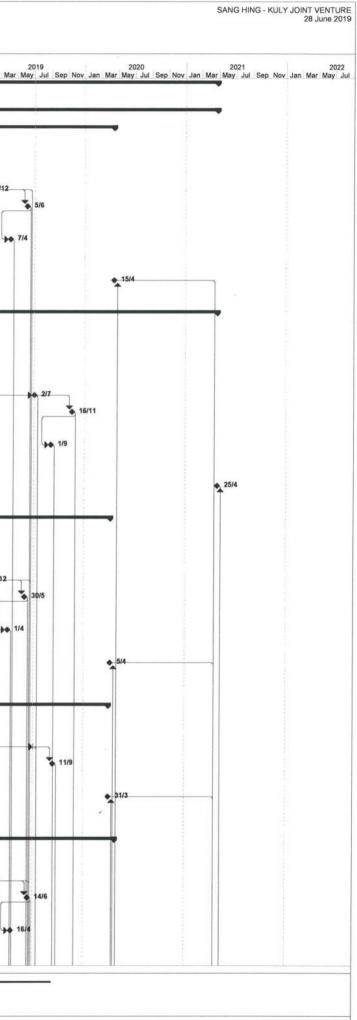
				1) Retaining Wall RW D03	26-Mar-20	3rd	
щ			0000/1/51	2) Approval of Street Lighting	30-Jun-19		A series A muran
			02021L/C1	3) Allocation Warrant and Installation of Street Lighting	6-Mar-20	2nd	given on 30 June
				4) Colour Dressing	15-Apr-20		2019
				1) RW 42 (CSD)	30-Dec-19	i c	
				2) RW 44 and Ramp PR3	19-Dec-19	DIC	
Щ			15/4/2020	3) Approval of Street Lighting	30-Jun-19		Tourney Common
				4) Allocation Warrant and Installation of Street Lighting	6-Mar-20	2nd	given on 30 June
				5) Colour Dressing	15-Apr-20		2019
				1) Approval of Street Lighting	30-Jun-19		A contract A mutual
IJ			31/3/2020	2) Allocation Warrant and Installation of Street Lighting	6-Mar-20	2nd	given on 30 June
				3) Colour Dressing	31-Mar-20		2019
				1) Additional RW49 & RW50	10/2/2020		
	16/11/2019	1/9/2019		2) Additional Diversion of utilities along RW49 & RW50	8/8/2020		
Н			25/4/2021	 Drainage and Gullies for re-alignment carriageway for RW49 & RW50 	7/10/2020	lst	
				4) Road Works for re-alignment of DW1 and DW2 and street lighting works	25/4/2021		
		6		1) Subway D E&M works	1-Nov-19		
				2) GRP Roofing Approval	15-Jul-19		
I			13/3/2020	3) GRP Roofing Order and Delivery	15-Oct-19	-	Assume GRP
				4) GRP installation	13-Jan-20	DU7	approval obtained on 15/7/19
		52		5) Road work inside subway	13-Mar-20		
		1		1) Bridge B - Substructure	30-Sep-19		
				2) Bridge B - Superstructure	30-Nov-19	3rd	
Z			UCUCIENCE	3) Bridge B - Site formation	20-Jan-20		
				4) Approval of Street Lighting	30-Jun-19		Assima Amina A
				5) Allocation Warrant and Installation of Street Lighting	6-Mar-20	2nd	given on 30 June
				6) Colour Dressing	OC-YOM-OC		2019

Assime Annoval	given on 30 June	2019
	lst	
30-Jun-19	6-Mar-20	5-Apr-20
1) Approval of Street Lighting	2) Allocation Warrant and Installation of Street Lighting	3) Colour Dressing
	5/4/2020	
	1/4/2019	
	30/5/2019	
	K&JI	
	W3	

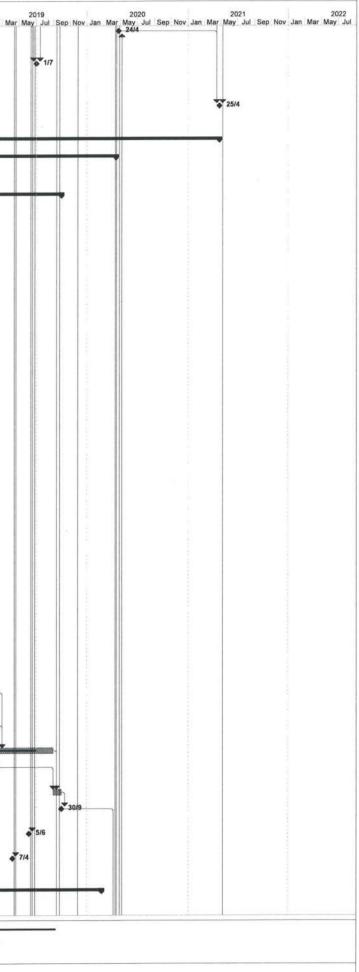
	Assume Aminual	given on 30 June	2019
		lst	
27-Dec-19	30-Jun-19	6-Mar-20	31-Mar-20
1) Steel roofing and E&M of Bridge E	2) Approval of Street Lighting	3) Allocation Warrant and Installation of Street Lighting	4) Colour Dressing
	31/3/0/00	NAVAICITC	
	0100/0/11		
	6100/6/11		
	X		
	W5		

	lst		A segura A miroval	2nd given on 30 June	2019
31-Dec-19	29-Feb-20	30-Mar-20	30-Jun-19	6-Mar-20	24-Apr-20
1) RW48, RW24A, RW24AA, etc	2) Earthwork and Drainage works	3) Road Work (except colour dressing)	2) Approval of Street Lighting	3) Allocation Warrant and Installation of Street Lighting	4) Colour Dressing
		UCUCIVIUC	07071-107		
		16/4/2010	11071-01		
		14/6/2010	11021011		
		11 12 13			
		ΓW			

	Clivity ID	fask Name	Duration	Allowance		Early Finish	Actual Start	Actual Finish	Predecessors	% Compl	Finish ete Slack	Successors	2016		2017	2018
1 1		CONTRACT DURATION (ALL WORKS EXCEPT LANDSC AND ESTABLISHMENT)	APING 1761 day	(days) s 0 day	Thu 30/6/16	Sun 25/4/21	Thu 30/6/16	NA		99%	485 days		May Jul S	sep Nov .	Jan Mar May Jul Sep Nov Jan	mar May Jul Sep Nov Jan 1
	00010 00020	COMMENCEMENT OF CONTRACT ACCESS DATES AND COMPLETION DATES FOR	1 day 1761 day	0 day s 0 day	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Sun 25/4/21	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 NA		100% 99%	0 days 485 days	6755,23755,45455,48755,53955,59	[1	
	00030	CONTRACTS SECTION W1 (PORTION A,B,C & D)	1386 day	12.	Thu 30/6/16	Wed 15/4/20	Thu 30/6/16	NA		99%	860 days		-	_		
	00040	STARTING DATE OF CONTRACT	1 day	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	2SS	100%	0 days	7SS+60 days,9SS+151 days,10SS+9	H			
	00050	PORTION A & C	1 day	0 day	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16		100%	0 days					
	00060 00070	ACCESS DATE PORTION B & D	1 day 0 days	0 day 0 day	Sun 28/8/16 Sun 27/11/16	Sun 28/8/16 Sun 27/11/16	Sun 28/8/16 Sun 27/11/16	Sun 28/8/16 Sun 27/11/16	5SS+60 days	100% 100%	0 days 0 days		×	• 27	//11	
	00080	ACCESS DATE	0 days		Sun 27/11/16		Sun 27/11/16	Sun 27/11/16		100%	0 days					
10 10	00085	SECTION W1 ORIGINAL COMPLETION DATE (S	13 days) 0 days	0 day	Sun 30/12/18	Sun 30/12/18	NA	NA	5SS+914 days	0%	-1 day	63FS+184 days,11FS+157 days		100		▶ 30/1
11 10	00086	SECTION W1 LATEST REVISED COMPLETION UP TO THIS PROG DATE (Incorporated Effect of Implementing CE)		0 day	Wed 5/6/19	Wed 5/6/19	NA	NA	10FS+157 days	0%	1175 days	103,192,233,150,12FS-60 days				ſ
12 10	00087	Implementing CE) SECTION W1 LATEST REVISED COMPLETION		0 day	Sun 7/4/19	Sun 7/4/19	NA	NA	11FS-60 days	0%	1235 days	104,234,193,151				
		WITH CSD PACKAGE P3 TIME SAVINGS EFFE(Days UP TO THIS PROG DATE (Incorporated Eff Implementing CE & CSD P3 Effect)														
13 10	00095	SECTION W1 PLANNED COMPLETION DATE W & NCE EFFECT (Including Implemented and NOT Implemented CE) UP TO THIS PROG DATE		0 day	Wed 15/4/20	Wed 15/4/20	NA	NA	235	0%	860 days	64				
14 10	00100	SECTION W2 (PORTION E, F, G, H, I & N)	1761 days	0 day	Thu 30/6/16	Sun 25/4/21	Thu 30/6/16	NA		99%	485 days		-	1		
15 10	00110	STARTING DATE OF CONTRACT	1 day	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	255	100%	0 days	17SS,19SS+60 days,21SS,22SS+109	M			
	00120 00130	PORTION G, I & N ACCESS DATE	1 day 1 day	0 day 0 day	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	15SS	100%	0 days					
	00140	PORTION E & H	1 day	0 day	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	1555	100%	0 days 0 days					
	00150	ACCESS DATE	1 day	0 day	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	15SS+60 days	100%	0 days		H			
	00160	PORTION F	1 day	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	1500	100%	0 days					
21 10 22 10	00170 00175	ACCESS DATE SECTION W2 ORIGINAL COMPLETION DATE (1	1 day 097 0 days	0 day 0 day	Thu 30/6/16 Tue 2/7/19	Thu 30/6/16 Tue 2/7/19	Thu 30/6/16 NA	Thu 30/6/16 NA	15SS 15SS+1098 days	100%	0 days -1 day	63,23FS+137 days	1			
23 10		days) SECTION W2 LATEST REVISED COMPLETION	8	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	22FS+137 days	0%	2	311,345,365,401,427,450,24FS-77				
3 10	0170	UP TO THIS PROG DATE (Incorporated Effect of Implementing CE)	DATE Udays	0 day	Sationin	Sationin	100	NA.	221 0+137 uays	0%	1011 days	days				
24 10	00177	SECTION W2 LATEST REVISED COMPLETION WITH CSD PACKAGE P2, P4 & P5 TIME SAVING EFFECT OF 77 Days UP TO THIS PROG DATE (incorporated Effect of Implementing CE & CSD EI	S	0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	23FS-77 days	0%	1088 days	312,346,366,402,428,451				
25 10	00185	SECTION W2 PLANNED COMPLETION DATE W & NCE EFFECT (Including Implemented and NOT Implemented CE) UP TO THIS PROG DATE	ITH CE 0 days	0 day	Sun 25/4/21	Sun 25/4/21	NA	NA	452	0%	485 days	64				
	00190	SECTION W3 (PORTION K, J1)	1376 days		Thu 30/6/16	Sun 5/4/20	Thu 30/6/16	NA		99%	870 days					
	0200	STARTING DATE OF CONTRACT PORTION K	1 day 1 day	0 day 0 day	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	255	100% 100%	0 days 0 days	29SS,31SS+60 days,32SS+914 days	1 M			
	0220	ACCESS DATE	1 day	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	27SS	100%	0 days					
0 10	0230	PORTION J1	1 day	0 day	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16		100%	0 days					
	0240	ACCESS DATE SECTION W3 ORIGINAL COMPLETION DATE (9	1 day 13 days) 0 days	0 day 0 day	Sun 28/8/16 Sun 30/12/18	Sun 28/8/16 Sun 30/12/18	Sun 28/8/16 NA	Sun 28/8/16 NA	27SS+60 days 27SS+914 days	100%	0 days -1 day	63FS+184 days,33FS+151 days	×			be 30/13
	0246	SECTION W3 LATEST REVISED COMPLETION I	5.6 5.		Thu 30/5/19	Thu 30/5/19	NA	NA	32FS+151 days	0%		34FS-60 days,483				
		UP TO THIS PROG DATE (Incorporated Effect of Implementing CE)														
4 10	0247	SECTION W3 LATEST REVISED COMPLETION I WITH CSD PACKAGE P3 TIME SAVINGS EFFEC Days UP TO THIS PROG DATE (Incorporated Effe Implementing CE & CSD Effect)	T OF 60	0 day	Mon 1/4/19	Mon 1/4/19	NA	NA	33FS-60 days	0%	1241 days	484				L.
5 10	0255	SECTION W3 PLANNED COMPLETION DATE W & NCE EFFECT (Including Implemented and NOT Implemented CE) UP TO THIS PROG DATE	ITH CE 0 days	0 day	Sun 5/4/20	Sun 5/4/20	NA	NA	485	0%	870 days	64				
6 10	0260	SECTION W4	629 days	0 dav	Thu 30/6/16	Wed 21/3/18	Thu 30/6/16	Wed 21/3/18		100%	0 days		-			
	0310	SECTION W5	1371 days	1	Thu 30/6/16	Tue 31/3/20	Thu 30/6/16	NA		99%	875 days		-	-		
	0320	STARTING DATE OF CONTRACT		0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	255	100%		45SS,46SS+1098 days	-M			
	0330 0335	PORTION M ACCESS DATE	1.000 3.000	0 day 0 day	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Thu 30/6/16	43SS	100% 100%	0 days 0 days					
Ti	0340	SECTION W5 ORIGINAL COMPLETION DATE (10		0 day	Tue 2/7/19	Tue 2/7/19	Tue 2/7/19	Tue 2/7/19	43SS+1098 days			63,47FS+71 days	1C		1	
7 10	0341	days) SECTION W5 LATEST REVISED COMPLETION I UP TO THIS PROG DATE (Incorporated Effect of	DATE 0 days	0 day	Wed 11/9/19	Wed 11/9/19	NA	NA	46FS+71 days	0%	1077 days	595				
8 100	0350	Implementing CE) SECTION W5 PLANNED COMPLETION DATE WI & NCE EFFECT (Including Implemented and NOT Implemented CE) UP TO THIS PROG DATE	TH CE 0 days	0 day	Tue 31/3/20	Tue 31/3/20	NA	NA	596	0%	875 days	64				
9 100	0360	SECTION W6	715 days	0 day	Thu 30/6/16	Fri 15/6/18	Thu 30/6/16	Fri 15/6/18		100%	0 days					
	0410	SECTION W7	1145 days			Fri 24/4/20	Tue 7/3/17	NA		99%	851 days			1	-	•
	0420	INSTRUCTION TO EXECISE	0 days		Tue 7/3/17	Tue 7/3/17	NA	NA		0%		71755,74555			↑ 7/3	
	0430 0435	PORTION J2 & J3 ACCESS DATE		0 day 0 day	Tue 7/3/17 Tue 7/3/17	Tue 7/3/17 Tue 7/3/17	Tue 7/3/17 Tue 7/3/17	Tue 7/3/17 Tue 7/3/17			0 days 0 days	59SS+731 days			d	
	0440	SECTION W7 ORIGINAL COMPLETION DATE (73	Charles and Charle	0 day	Thu 7/3/19	Thu 7/3/19	Thu 7/3/19	Thu 7/3/19	58SS+731 days			63FS+117 days,60FS+99 days			Ľ	N
0 100	0441	SECTION W7 LATEST REVISED COMPLETION E UP TO THIS PROG DATE (Incorporated Effect of Implementing CE)	OATE 0 days	0 day	Fri 14/6/19	Fri 14/6/19	NA	NA	59FS+99 days	0%	1166 days	642,61FS-60 days				ſ
1 100	0442	SECTION W7 LATEST REVISED COMPLETION D WITH CSD PACKAGE P1 TIME SAVINGS EFFEC Days UP TO THIS PROG DATE (Incorporated Effe Implementing CE & CSD Effect)	T OF 60	0 day	Tue 16/4/19	Tue 16/4/19	NA	NA	60FS-60 days	0%	1226 days					L,
		Task	Summary	í		Evternal	Milestone 🔷		Inactive Summary	0	.0	Manual Summan Dalling		Finish ont	3	Promes
		0-6	Desired C			Inactive			Manual Task		0	Manual Summary Rollup Manual Summary		Finish-only Critical	L	Progress
		Split	Fillect Si	arringi à	•	- macuve	- wan		manual rask	-		manual Summary		Guncan	2	Deadime



	Split		Summary Tasks		Inactive Inactive			Duration-only		-	Start-only E		Critical Split			
	Task E	Summar	Second second		External Inactive			Inactive Summary Manual Task	0	0	Manual Summary Rollup		Finish-only Critical	3	Progress Deadline	
212010	POSSESION OF SITE	0 days	0 day	Sun 27/11/16	Sun 27/11/16	Sun 27/11/16	Sun 27/11/16	67FS+151 days	100%	0 days	107SS,108SS,110		27/1			
212000	PORTION B (MP 2+130 - MP 2+950)	1183 days	S	Sun 27/11/16	5 Sun 23/2/20	Sun 27/11/16	NA		70%	52 days						
211281	W1 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P3 TIME SAVINGS EFFECT (-60 days)	0 days	0 day	Sun 7/4/19	Sun 7/4/19	NA	NA	12	0%	1235 days						
211280	W1 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Wed 5/6/19	Wed 5/6/19	NA	NA	11	0%	1175 days						
2112/0	& NCE EFFECT															
211271	PORTION A - PLANNED COMPLETION DATE WITH CE	0 days	0 day	Mon 30/9/19	Mon 30/9/19	NA	NA	101	0%	198 days			1			
011074	MARKING & TRAFFIC AIDS) COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	S 30 days	0 day	Sun 1/9/19	Mon 30/9/19	NA	NA	100.99	0%	198 days	102		1.1			
211270	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD	92 days	7 days	Sat 17/11/18	Sat 16/2/19	Sat 17/11/18	Sat 16/2/19	91,92	100%	0 days	101					
211263	INSTALLATION OF LED STREET LIGHTING BY	197 days	0 day	Sat 16/2/19	Sat 31/8/19	Sat 16/2/19	NA	98,97	70%	198 days	101					
211262	ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	96	100%	0 days	99					
211261	TO D (DESIGN SUBMISSION & APPROVAL) CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D (ASSOCIATED CIVIL PROVISION WORKS)	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	96	100%	0 days	99					
211250 211260	RETAINING WALL - RW 7B (20M) - CSD CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO DISCON CURPANES (2014) & ABROVAL	60 days 360 days		Tue 13/3/18 Tue 21/11/17	Fri 11/5/18 Thu 15/11/18	Tue 13/3/18 Tue 21/11/17	Fri 11/5/18 Thu 15/11/18	85SS	100%		93 97,98,142SS,184SS					
211230	START DATE OF DRY SEASON	1 day	0 day	Thu 1/11/18	Thu 1/11/18	Thu 1/11/18	Thu 1/11/18		100% 100%	0 days	93					
211235 211225	STAIRCASE @ MP1+960 END DATE OF DRY SEASON	30 days 1 day	3 days 0 day	Thu 18/10/18 Sat 31/3/18	Fri 16/11/18 Sat 31/3/18	Thu 18/10/18 Sat 31/3/18	Fri 16/11/18 Sat 31/3/18	87 86,91,85,95	100% 100%	0 days 0 days	100				}∍i	1
211220	CONSTRUCTION OF WORKS UNDER CE TO RESOLVE THE CONFLICT UNDER SKJV EW No.3 AND SKJV NCE No.78	138 days	3 days	Tue 14/11/17	Sat 31/3/18	Tue 14/11/17	Sat 31/3/18	90,84,89FS-28 days	100%	0 days	100,93,85SS+60 days					
211215	PORTION A PREPARATION WORKS FOR WORKS UNDER CE TO RESOLVE CONFLICT (SKJV EW No.3) BY SKJV	30 days	0 day	Sun 15/10/17	Mon 13/11/17	Sun 15/10/17		89SS+205 days	100%		91,76,77			L		
211210	PENDING THE SUPERVISOR TO ISSUE CE TO RESOLVE CONFLICT (SKJV EW No.3) AND SKJV NCE No. 78 - ADDITIONAL BICYCLE PARAPET FOOTING IN	263 days	0 day	Fri 24/3/17	Mon 11/12/17	Fri 24/3/17	Mon 11/12/17	88	100%	0 days	90SS+205 days,91FS-28 days					
211200	EARTHWORKS AND DRAINAGE WORKS BETWEEN CH1+600 TO CH2+100, THE WORKS SUSPENDED DUE TO SLOPE WORKS FALLING ON WATER POND & OUTSIDE SITE BOUNDARY (SKJV EW No.3 Dated 24/3/17)	0 days	0 day	Fri 24/3/17	Fri 24/3/17	Fri 24/3/17	Fri 24/3/17	72	100%	0 days	89			24/3		
211190	EARTHWORKS AND DRAINAGE WORKS, UTILITIES LAYING BETWEEN MP1+000 TO MP 1+600	502 days	5 days	Sat 3/6/17	Wed 17/10/18	Sat 3/6/17	Wed 17/10/18	81,82,75	100%		92					
211150	RETAINING WALL - RW7 (20M) - CSD RETAINING WALL - RW7A (67M) - CSD	60 days 60 days		Tue 13/3/18 Tue 13/3/18	Fri 11/5/18 Fri 11/5/18	Tue 13/3/18 Tue 13/3/18	Fri 11/5/18	85SS	100%	0 days	93					
211130	START DATE OF DRY SEASON	1 day	0 day	Wed 1/11/17	Wed 1/11/17	Wed 1/11/17 Tue 13/3/18	Wed 1/11/17 Fri 11/5/18	91SS+60 days	100% 100%	0 days	91 95SS,93,86SS				1	
211120	RETAINING WALL - RW 8B (40M) END DATE OF DRY SEASON	66 days 1 day		Tue 28/3/17 Fri 31/3/17	Thu 1/6/17 Fri 31/3/17	Tue 28/3/17 Fri 31/3/17	Thu 1/6/17 Fri 31/3/17	81SS+7 days 82,81	100% 100%	0 days 0 days	87,83			H		
211110	RETAINING WALL - RW 8A (60M)	70 days		Tue 21/3/17	Mon 29/5/17	Tue 21/3/17	Mon 29/5/17	80,72	100%	0 days	87,82SS+7 days,83					
211100	SUBMISSION AND APPROVAL OF MONITORING PROPOSAL INSTALLATION OF MONITORING MARKERS		1820 23-1	Thu 3/11/16	Tue 20/12/16	Thu 1/12/16	Tue 20/12/16		100%		81		-			
211090	GROUND INVESTIGATION WORKS (1 NO. BOREHOLE & TRIAL PITS) SUBMISSION AND APPROVAL OF MONITORING	28 days 21 days		Thu 3/11/16	Wed 23/11/16	Thu 3/11/16	Wed 23/11/16		100%		80					
211080	PCCW (Between MP1+600 TO MP2+100)	60 days	2 days	Tue 14/11/17 Thu 3/11/16		Tue 14/11/17 Thu 3/11/16	Fri 12/1/18	90 70FS+4 days	100% 100%	0 days	79SS,80				F	
211070 211075	CLP (@ Approx MP1+300) CLP (Between MP1+600 TO MP2+100)	60 days 60 days		Mon 31/10/16 Tue 14/11/17		Mon 31/10/16 Tue 14/11/17	Thu 29/12/16 Fri 12/1/18	70 90	100% 100%	0 days 0 days	87					
211060	PERMIT AND ROAD WORK ADVICE	439 days	0 day	Mon 31/10/16		Mon 31/10/16	Fri 12/1/18		100%	0 days	07		-			
211050	CLEARANCE (FOR NEW DLO MEMO) + 6 DAY DELAY (INCLEMENT WEATHER) IN DEC 2016 APPLICATION AND APPROVAL OF EXCAVATION	485 days	10 days	Thu 30/6/16	Fri 27/10/17	Thu 30/6/16	Fri 27/10/17	67SS	100%	0 days		-			-	
211040	WEATHER) IN SEP 2016 TREE FELLING / TRANSPLANTING AND SITE	66 days	5 days	Sat 14/1/17	Mon 20/3/17	Sat 14/1/17	Mon 20/3/17	71	100%	0 days	88,81]		
211020	WEATHER) IN OCT 2016 TREE SURVEY + 5 DAY DELAY (INCLEMENT	75 days		Mon 31/10/16		Mon 31/10/16	Fri 13/1/17	70	100%		72					
211010	NP 2+130) POSSESION OF SITE INITIAL SURVEY + 3 DAY DELAY (INCLEMENT	0 days 63 days	0 day 3 days	Sun 28/8/16 Mon 29/8/16	Sun 28/8/16 Sun 30/10/16	Sun 28/8/16 Mon 29/8/16	Sun 28/8/16 Sun 30/10/16	67FS+60 days 69	100% 100%		70 78FS+4 days,71,75		28/8			
211000	PORTION A - POK WAI ROAD SOUTH (MP 1+000 - MP 2+130)	1188 days	s 0 day	Thu 30/6/16	Mon 30/9/19	Thu 30/6/16	NA		97%	198 days	and all the second s	-				
210020	STARTING DATE OF CONTRACT	days 0 days	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	2SS	100%	0 days	106FS+151 days,153FS+60 days,195FS+151 days,69FS+60	30	0/6			
210010	SECTION W1 (PORTION A,B,C & D)		0 day	Thu 30/6/16	Wed 15/4/20	Thu 30/6/16	NA		77%	860 days		-				
200000	PLANNED WORKS PROGRAMME	1761 days	0 day	Thu 30/6/16	Sun 25/4/21	Thu 30/6/16	NA		78%	485 days		-				
100480	SECTION W1 TO W7 PLANNED COMPLETION DATE WITH CE & NCE (Including Implemented and NOT Implemented CE) UP TO THIS PROG DATE		0 day	Sun 25/4/21	Sun 25/4/21	NA	NA	days,46,53,59FS+117 days 13,25,35,48,62	0%	485 days						
100460	Implemented CE) UP TO THIS PROG DATE SECTION W1 TO W7 ORIGINAL COMPLETION DATE	0 days	0 day	Mon 1/7/19	Mon 1/7/19	NA	NA	10FS+184 days,22,32FS+184 days,40FS+549	0%	0 days			8 - 110 Q			
100455	SECTION W7 PLANNED COMPLETION DATE WITH CE & NCE EFFECT (Including Implemented and NOT	0 days	0 day	Fri 24/4/20	Fri 24/4/20	NA	NA	644	0%	851 days	64					
			(days)									may JUI	DUD NUV Jdl		ep Nov Jan Mar May J	woh



Activity II	D Task Name	Duration	Time Risk Allowance (days)	Early Start	Early Finish	Actual Start	Actual Finish	Predecessors	% F Complete S	^F inish Slack	Successors	2016 May Jul Se	Nov lan Ma	2017 May Jul Seo Nov J	2018 an Mar May Jul Sep Nov Jan	2019 Mar May Jul Se	Nov lan Ma	2020 May Jul Sep Nov Jan Ma	2021 ar May Jul Sep Nov Jan M
212020	INITIAL SURVEY		3 days	Mon 28/11/16		Mon 28/11/16	Fri 6/1/17	106SS	100% 0		109	indy our Se	A state		an may our dep nov Jan	and and our se	P THE WORL WIS	I our oup nov oan ma	
212030 212040	TREE SURVEY TREE FELLING/TRANSPLANTING AND SITE	40 days	3 days 4 days	Mon 28/11/16 Sat 7/1/17	Fri 6/1/17 Sat 1/4/17	Mon 28/11/16 Sat 7/1/17	Fri 6/1/17 Sat 1/4/17	106SS 108,107	100% 0		109			10					
	CLEARANCE												-						1
212070	TTM PREPARATION BY SKJV & APPROVAL BY SUPREVISOR/PM/TMLG & XP ISSUE+ 36 DAYS DELAY	162 days	0 day	Mon 28/11/16	Mon 8/5/17	Mon 28/11/16	Mon 8/5/17	106	100% 0) days	112			•					
	DUE TO BELATED APPROVAL OF XP & ADDITIONAL TRIAL RUN (SKJV NCE No. 15)																		
																	1.1		
212100	UTILITIES DIVERSION WORKS (FOR SUBWAY BAY PW5 TO PW8)	183 days		Tue 9/5/17	Tue 7/11/17	Tue 9/5/17	Tue 7/11/17		100% 0	days									
212110	CLP CABLE + Anticipated 95 Days Delay of Works Due	183 days	2 days	Tue 9/5/17	Tue 7/11/17	Tue 9/5/17	Tue 7/11/17	110	100% 0	days	113SS,121			×					
	to Uncharted CLP Cable Ducts (SKJV NCE No.46) and Delay in Diversion of CLP Pole (SKJV NCE No. 50)													1					
				-		-													
212140	WSD PIPE + Anticipated 95 Days Delay of Works Due to Delay in Diversion of WSD pipes (SKJV NCE No.40)	165 days	2 days	Tue 9/5/17	Fri 20/10/17	Tue 9/5/17	Fri 20/10/17	11255	100% 0	days	121								
				0	E .: 04/0/40	0	E-1 04/0/40		10001						_				
212200	UTILITIES DIVERSION WORKS (FOR SUBWAY BAY PW9 TO PW11)	14 days		Sat 8/9/18	Fri 21/9/18	Sat 8/9/18	Fri 21/9/18		100% 0	days							8		
212210	CLP	14 days		Sat 8/9/18	Fri 21/9/18	Sat 8/9/18	Fri 21/9/18	122	100% 0		123,116SS								
212230 212240	WSD UTILITIES DIVERSION WORKS (FOR SUBWAY BAY 12	14 days 28 days	1 day	Sat 8/9/18 Sat 8/9/18	Fri 21/9/18 Fri 5/10/18	Sat 8/9/18 Sat 8/9/18	Fri 21/9/18 Fri 5/10/18	115SS	100% 0 100% 0		130,123								
	TO 16)	20 uays		Sat 0/0/10					10078 0	uays					TT -				
212260	HCL	28 days	2000 12	Sat 8/9/18	Fri 5/10/18	Sat 8/9/18	Fri 5/10/18	122	100% 0		130				*				
212270 212280	WSD SUBWAY A BARRELS WITH PUMP ROOM	28 days 588 days	1 day	Sat 8/9/18 Wed 8/11/17	Fri 5/10/18 Tue 18/6/19	Sat 8/9/18 Wed 8/11/17	Fri 5/10/18 Tue 18/6/19	122	100% 0 100% 0		130				*				
	CONSTRUCTION									-				ĬL.					
212300 212310	BAY PW5, 6, 7, 8	300 days		Wed 8/11/17 Tue 4/9/18	Mon 3/9/18 Fri 7/9/18	Wed 8/11/17 Tue 4/9/18	Mon 3/9/18 Fri 7/9/18	112,113 121	100% 0 100% 0	10000	122,125 115,118,119			1. Sector of the	3		1.2		
212310	TTA FOR BAY PW9, 10, &11 BAY PW9 & P10 WITH PUMP HOUSE, PW11	4 days 270 days		Sat 22/9/18	Tue 18/6/19	Sat 22/9/18	Tue 18/6/19				130SS+210 days,148,128								1
212330	SOUTHERN RAMP CONSTRUCTION	497 days		Tue 4/9/18	Mon 13/1/20	Tue 4/9/18	NA		22% 5	3 days	-			1					2
212340	BAY PW1 TO 4	120 days	2 days	Tue 4/9/18	Tue 1/1/19	Tue 4/9/18	Tue 1/1/19	121			126FS-55 days								
	ROOFING - MATERIAL SUBMISSION AND APPROVAL ROOFING - ORDER, MANUFACTURING & DELIVER	250 days 92 days		Thu 8/11/18 Tue 16/7/19	Mon 15/7/19 Tue 15/10/19	NA	NA	125FS-55 days 126		1	127 128,132				-				
212342	INSTALLATION OF ROOF	92 days 90 days	2 days	Wed 16/10/19		NA	NA	123,127			135					6000000000			
212380	NORTHERN RAMP CONSTRUCTION	209 days		Thu 20/6/19	Tue 14/1/20	Thu 20/6/19	NA		7% 5	2 days									
212390	BAY PW12 TO 13 + SKJV EW No.60 - Conflict	119 days	2 days	Thu 20/6/19	Wed 16/10/19	Thu 20/6/19	NA	123SS+210 days,116,118,119	10% 5	2 days	133FS-50 days,132,148,131SS				L	(Marine and a second se	h		
	between Bay 13 & 14 and Existing Drainage Pipe					100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100		502.2											
212395	BAY PW14 TO 16 + SKJV EW No.60 - Conflict between Bay 13 & 14 and Existing Drainage Pipe	119 days	2 days	Thu 20/6/19	Wed 16/10/19	Thu 20/6/19	NA	130SS	10% 5	2 days	132,133FS-50 days					-	F		
212392 212415	INSTALLATION OF ROOF FNISHING WORKS AND E&M WORKS	90 days 115 days		Thu 17/10/19 Wed 28/8/19	Tue 14/1/20 Fri 20/12/19	NA NA	NA	131,130,127 130FS-50 days,131FS-50 d			135 135					A.00000			
212415	SKJV NCE No. 181 - ADDITIONAL FLOODING WARNING	342 days			Wed 2/10/19	Fri 26/10/18	NA	1001 0-00 days, 1011 0-00 0			135,419SS		181 1		-			1	
	SYSTEM FOR SUBYWAY A	100		Med 15/1/20	Cup 22/2/20	NA	NA	133,134,132,128		55					2011 - C.B.M.				
212417	ROAD WORKS INSIDE SUBWAY	40 days	2 uays	Wed 15/1/20	Sull 23/2/20	NA	11/1	155,154,152,120	0% 5	2 days	149						KONNE		
212420	EARTHWORKS AND DRAINAGE WORKS FROM CH	691 days		Sun 2/4/17	Thu 21/2/19	Sun 2/4/17	Thu 21/2/19		100% 0	dave									
212420	2+350 TO 2+650	091 days		3011 214/11	110 2 1 2 1 3	Sull 214/17			100 /6 0	uays									
212425	EARTHWORKS AND DRAINAGE WORKS FROM CH 2+350 TO 2+650, SUSPENSION OF WORKS DUE TO	10 days	0 day	Sun 2/4/17	Tue 11/4/17	Sun 2/4/17	Tue 11/4/17	109	100% 0	days	138		6						
	CONFLICT OF CYCLE TRACK WITH EXISTING													1					
212430	DWARF WALL, MCAL LETTER DATED 11/4/2017) PENDING SUPERVISOR TO ISSUE CE TO RESOLVE	496 days	0 day	Wed 12/4/17	Mon 20/8/18	Wed 12/4/17	Mon 20/8/18	137	100% 0	days	139		2						
212400	CONFLICT (SKJV NCE No.45) & SKJV Letter Ref.:	100 00,0	,																
	SO/2436 & Dated 20/8/2018 - Confirmation of Additional Bicycle Parapet Footing in Portion B																		
212435	SKJV NCE No. 45 - Preparation Works	15 days			Tue 4/9/18	Tue 21/8/18	Tue 4/9/18	138	100% 0		140				ă,				
212440	SKJV NCE No.45 - Site Works	120 days			Wed 2/1/19	Wed 5/9/18		139	100% 0		146,141				Ť Į				
212450	EARTHWORKS AND DRAINAGE WORKS FROM CH 2+650 TO 2+930	50 days	U day	Thu 3/1/19	1110 2 1/2/19	Thu 3/1/19	Thu 21/2/19	140	100% 0	days	146				200000	1			
212451	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A	360 days	0 day	Tue 21/11/17	Thu 15/11/18	Tue 21/11/17	Thu 15/11/18	96SS	100% 0	days	143,144			•					
	TO D (DESIGN SUBMISSION & APPROVAL)																		
212452	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	142	100% 0	days	145								
	TO D (ASSOCIATED CIVIL PROVISION WORKS)																		
12453	ALLOCATION WARRANT, QUOTATION & ISSUE OF	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	142	100% 0	days	145								
.2400	WORKS ORDER FOR STREET LIGHTING BY OTHERS	or anyo	2 out	A Get IT IN			. II CONSTITUT												
2454	INSTALLATION OF LED STREET LIGHTING BY	197 days	0 day	Sat 16/2/19	Sat 31/8/19	Sat 16/2/19	NA	144,143	70% 19	8 days	147								
	OTHERS																		
2455	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	40 days	o days	Fri 22/2/19	Tue 2/4/19	Fri 22/2/19	Tue 2/4/19	140,141	100% 0	oays	147			1 8					
0450		20 da -	2 dave	Sun 1/0/10	Mon 20/0/10	NA	NA	146 145	0%	R daw	140			1		-			
2456	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	30 days	2 days	Sun 1/9/19	Mon 30/9/19	NA		146,145		98 days						888-			
12460	RESTING STATION R6	60 days	7 days	Thu 17/10/19	Sun 15/12/19	NA	NA	123,130	0% 12	2 days	149				1				
212465	PORTION B - PLANNED COMPLETION DATE WITH CE	0 days	0 day	Sun 23/2/20	Sun 23/2/20	NA	NA	135,148,147	0% 52	days	235						* 23/	2	
	& NCE EFFECT	1030070.00420V.																	
12470	W1 - LATEST REVISED COMPLETION DATE IN THIS	0 days	0 day	Wed 5/6/19	Wed 5/6/19	NA	NA	11	0% 11	75 days				1		5/6			
	PROG DATE		100000																
212471	W1 - LATEST REVISED COMPLETION DATE IN THIS	0 days	0 day	Sun 7/4/19	Sun 7/4/19	NA	NA	12	0% 12	35 days				8		714			
	PROG DATE WITH CSD PACKAGE P3 TIME SAVINGS EFFECT (-60 days)																		
				-	The Birder	-													
13000	PORTION C (MP 2+950 - MP 4+010)	1226 days		Thu 30/6/16	Thu 7/11/19	Thu 30/6/16	NA		69% 16	50 days									
13010	POSSESION OF SITE	0 days	0 day	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	Sun 28/8/16	67FS+60 days	100% 0	days	154	28	8	1					
213020	INITIAL SURVEY + 9 DAY DELAY (INCLEMENT	63 days			Sun 30/10/16		Sun 30/10/16		100% 0			×.	h	8					
	WEATHER IN SEPT TO OCT 16)																		
213030	TREE SURVEY	75 days			Wed 4/1/17				100% 0		156								
13040	TREE FELLING/TRANSPLANTING AND SITE CLEARANCE	75 days	5 days	Thu 5/1/17	Mon 20/3/17	Thu 5/1/17	Mon 20/3/17	155	100% 0	days	159FS+65 days,168			1					
		C.			E.t	Milastore		Institut Country	11		Manual Sugaran Dat		in L L		Prosent-	n		<i>n</i>	h.
	Task			-	External			Inactive Summary	0	-0	Manual Summary Rollup	100 1000	hish-only	3	Progress -				
	Split				Inactive 1			Manual Task	-	-	Manual Summary		tical	2	Deadline 🕀				
	Milestone	External T	a5K5	Louis and the state	Inactive I	Milestone 📀		Duration-only			Start-only L	C	tical Split						

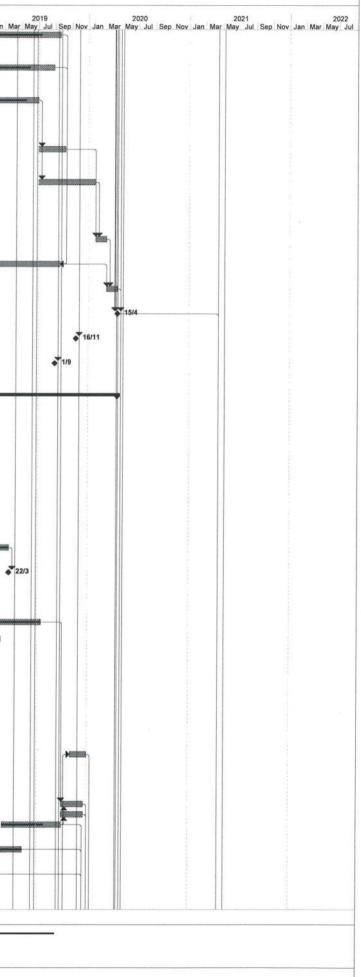
Activity			Time Risk Allowance (days)	Early Start	Early Finish	Actual Start	Actual Finish		Comple	Finish te Slack	Successors	2016 Max Jul Sen N	ov Jan Mar	2017 lav Jul Sen Nov	2018 Jan Mar May Jul	Sep Nov Inc. M	2019 Iar May Jul S	en Nov Jan M	2020 ar May Jul Sep Nov	Jan Mar May Jul	Sen Nov
213050	APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE	520 days		Thu 30/6/16	Fri 1/12/17	Thu 30/6/16	Fri 1/12/17	67SS	100%	0 days	178	may Jul Sep N	ov san Mar	ay Jul Sep NOV	oan mar⊪nay Jul	Sep_Nov_Jan_N	iai iviay Jul S	Jep nov Jan M	a may Jul Sep Nov	_oan mar may JUI.	Cep Nov
213060		170 days		Thu 18/5/17	Fri 3/11/17	Thu 18/5/17	Fri 3/11/17	156ESLES dave		0 days	160FS+80 days, 161FS+80 days										
213070 213080	PCCW	30 days 60 days		Thu 18/5/17 Tue 5/9/17	Fri 16/6/17 Fri 3/11/17	Thu 18/5/17 Tue 5/9/17	Fri 16/6/17 Fri 3/11/17	156FS+65 days 159FS+80 days	100%	0 days 0 days	1001 0 400 0ays, 10 11 5 480 0ays			1							
1 213085 2 213090		60 days 61 days		Tue 5/9/17 Mon 31/10/16	Fri 3/11/17 Fri 30/12/16	Tue 5/9/17 Mon 31/10/16	Fri 3/11/17 Fri 30/12/16	159FS+80 days 154		0 days 0 days	163	ă		Temp							
3 213100		21 days	3 days	Sat 31/12/16	Fri 20/1/17	Sat 31/12/16	Fri 20/1/17	162	100%	0 days	164										
4 213110		14 days	2 days	Sat 21/1/17	Fri 3/2/17	Sat 21/1/17	Fri 3/2/17	163	100%	0 days	168		F								
5 213120 6 213130		100 days 115 days	and the second	Fri 12/10/18 Wed 14/6/17	Sat 19/1/19 Fri 6/10/17	Fri 12/10/18 Wed 14/6/17	Sat 19/1/19 Fri 6/10/17	176,177 168		0 days 0 days	183										
7 213140	RETAINING WALL - RW 11B : BAY 7 - BAY 12 (60M)	115 days	5 days	Wed 14/6/17	Fri 6/10/17	Wed 14/6/17	Fri 6/10/17	168FS-30 days	100%	0 days	183										
68 213150	RETAINING WALL - RW 11C : BAY 1 - BAY 7 (70M)	100 days	7 days	Tue 21/3/17	Wed 28/6/17	Tue 21/3/17	Wed 28/6/17	164,156	100%	0 days	169SS, 167FS-30 days, 170SS, 166, 183		*								
9 213160	RETAINING WALL - RW 11C : BAY 8 - BAY 14 (70M)	100 days	5 days	Tue 21/3/17	Wed 28/6/17	Tue 21/3/17	Wed 28/6/17	168SS	100%	0 days	172FS-30 days										
70 213170	RETAINING WALL - RW 11C : BAY 15 - BAY 26 (+ SKJV NCE)	508 days	7 days	Tue 21/3/17	Fri 10/8/18	Tue 21/3/17	Fri 10/8/18	168SS	100%	0 days											
1 213175		80 days	2 days	Sun 29/10/17	Tue 16/1/18	Sun 29/10/17	Tue 16/1/18	172FS-80 days	100%	0 days	183				I						
2 213180	RETAINING WALL - RW 12 : BAY 1 - BAY 8 (80M) (+ DELAY DUE TO OF WORKS DUE TO CONFLICT OF CLP's POLE	232 days	7 days	Tue 30/5/17	Tue 16/1/18	Tue 30/5/17	Tue 16/1/18	169FS-30 days	100%	0 days	171FS-80 days,183,190,173SS				R						
3 213190		232 days	7 days	Tue 30/5/17	Tue 16/1/18	Tue 30/5/17	Tue 16/1/18	172SS	100%	0 days	176SS,174FS-80 days,183				1						
74 213195	RETAINING WALL - RW 12 : BAY 17 to 18 (+SKJV NCE)	80 days	2 days	Sun 29/10/17	Tue 16/1/18	Sun 29/10/17	Tue 16/1/18	173FS-80 days	100%	0 days	175SS+8 days,183			9		-					
75 213200	RETAINING WALL - RW 13 (40M) (+ SKJV NCE)	200 days	5 days	Mon 6/11/17	Thu 24/5/18	Mon 6/11/17	Thu 24/5/18	174SS+8 days	100%	0 days	177			L.							
6 213210	RETAINING WALL - RW 14, STAIRCASE S4 (55M)	500 days	5 days	Tue 30/5/17	Thu 11/10/18	Tue 30/5/17	Thu 11/10/18	173SS	100%	0 days	165,178					-					
7 213220	RETAINING WALL - RW 15A (7.5M) (+ SKJV NCE)	50 days	2 days		Fri 13/7/18	Fri 25/5/18	Fri 13/7/18	175	100%	0 days	178,165										
8 213230	Proposed Staircase outside Site Boundary	370 days			Wed 16/10/19	Fri 12/10/18	NA	177,157,176	0%	160 days											
213240	outside Site Boundary	5. 	51 50 - 50 - 50		Wed 16/10/19	Fri 12/10/18	NA	178SS	0%	160 days						*		₩ -			
213250	outside Site Boundary		10.0 × 10.1 × 1-		Wed 16/10/19	Fri 12/10/18	NA	178SS	0%	160 days											
1 213260	outside Site Boundary		-		Wed 16/10/19 Wed 16/10/19	Fri 12/10/18 Fri 12/10/18	NA	178SS	0%	160 days	189 183FS-323 days,189										
2 213270 3 213280	Proposed Staircase outside Site Boundary	370 days 215 days		Wed 28/11/18		Wed 28/11/18		166,167,168,171,172,173,		91 days	188FS-100 days										
2 210200	CH2+971 TO 4+010							days					3 I								
4 213281	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D (DESIGN SUBMISSION & APPROVAL)	360 days	0 day	Tue 21/11/17	Thu 15/11/18	Tue 21/11/17	Thu 15/11/18	96SS	100%	0 days	185,186										
5 213282	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D (ASSOCIATED CIVIL PROVISION WORKS)	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	184	100%	0 days	187					-					
213283	ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS	92 days	0 day	Fri 16/11/18	Fri 15/2/19	Fri 16/11/18	Fri 15/2/19	184	100%	0 days	187										
7 213284	INSTALLATION OF LED STREET LIGHTING BY	197 days	0 day	Sat 16/2/19	Sat 31/8/19	Sat 16/2/19	NA	186,185	70%	206 days	189										
8 213290	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	130 days	4 days	Sat 23/3/19	Tue 30/7/19	Sat 23/3/19	NA	183FS-100 days	70%	238 days	189					1					
9 213291	MARKING & TRÀFFIC AIDS) COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	22 days	1 day	Thu 17/10/19	Thu 7/11/19	NA	NA	187,188,178,179,180,181,	1 0%	160 days	191										
213300	RESTING STATION R7	144 days	10 days	Wed 17/1/18	Sat 9/6/18	Wed 17/1/18	Sat 9/6/18	172	100%	0 days	191										
1 213300		0 days			Thu 7/11/19	NA	NA	190,189	0%	160 days								7/11			
213320	W1 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Wed 5/6/19	Wed 5/6/19	NA	NA	11	0%	1175 days							\$ 5/6				
3 213321	W1 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P3 TIME SAVINGS EFFECT (-60 days)	0 days	0 day	Sun 7/4/19	Sun 7/4/19	NA	NA	12	0%	1235 days							714				
4 214000		1386 days		Thu 30/6/16	Wed 15/4/20	Thu 30/6/16	NA		79%	0 days									-		
5 214010	POSSESION OF SITE	0 days	And the set of the set	Sun 27/11/16				67FS+151 days		0 days	196SS,197SS	ð l	27/11								
6 214020 7 214030	INITIAL SURVEY TREE SURVEY	220 days 40 days	3 days	Mon 28/11/16 Mon 28/11/16	Fri 6/1/17		Wed 5/7/17 Fri 6/1/17	195SS 195SS	100% 100%	0 days	198 198	H H									
8 214040	TREE FELLING/TRANSPLANTING AND SITE CLEARANCE EXCLUDING CH-MP5+050 TO 5+290 (+	340 days	5 days	Thu 6/7/17	Sun 10/6/18	Thu 6/7/17	Sun 10/6/18	197,196	100%	0 days	208SS+14 days,211SS+140 days,209SS+40 days,212			The second secon	J						
9 214041	DELAY DUE TO INCLEMENT WEATHER) TREE FELLING WORKS FROM CH-MP5+050 TO 5+290	1 day	0 day	Tue 5/12/17	Tue 5/12/17	Tue 5/12/17	Tue 5/12/17		100%	0 days	200			¢ 5	12						
0 214042	WAS SUSPENDED, SKJV EW No.12 PENDING THE SUPERVISOR TO ISSUE CE TO RESOLVE CONFLICT (SKJV EW No.12)	490 days		Wed 6/12/17	Tue 9/4/19	Wed 6/12/17	Tue 9/4/19	199	100%	0 days	201			-							
													stor.	-	. Caragonia						
	Task Split	Summary Project Su			External I Inactive T			Inactive Summary Manual Task	0		Manual Summary Rollup Manual Summary	Finish Critica		3	Progress Deadline	л					
	Milestone	External T			Inactive I			Duration-only	-		Start-only E	 Onlica 			Loddinic	V					

D Activity it	D Task Name	Duration	Time Risk Allowance	Early Start	Early Finish	Actual Start	Actual Finish	Predecessors	% Comele	Finish ete Slack	Successors	2018 2017 2018
01 214043	PREPARATION WORKS FOR TREE FELLING WORKS	10 days	(days)	Wed 10/4/19	Fri 19/4/19	Wed 10/4/19	Fri 19/4/19	200		0 days	202	2016 2017 2018 2019 2020 2021 May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar
	UNDER CE TO RESOLVE CONFLICT (SKJV EW No.12) BY SKJV (ASSUMED 20 days)											
2 214044	TREE FELLING WORKS FROM CH-MP5+050 TO 5+290 (SKJV EW No. 12)	30 days	0 day	Sat 20/4/19	Sun 19/5/19	Sat 20/4/19	Sun 19/5/19	201	100%	0 days	224	
214050	APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE	420 days	0 day	Thu 30/6/16	Wed 23/8/17	Thu 30/6/16	Wed 23/8/17	67SS	100%	0 days	211	
04 214060 05 214070	UTILITIES DIVERSION WORKS	300 days		Tue 19/9/17	Sun 15/7/18	Tue 19/9/17	Sun 15/7/18		100%		212FS-40 days	
06 214080	PCCW	300 days 120 days		Tue 19/9/17 Tue 19/9/17	Sun 15/7/18 Tue 16/1/18	Tue 19/9/17 Tue 19/9/17	Sun 15/7/18 Tue 16/1/18	210 205SS		0 days 0 days	206SS,207SS	
07 214085	WSD (+DELAY DUE TO SKJV NCE No.63 Additional Relocation of Existing WSD Utilities in Conflict with Proposed Works)	300 days	3 days	Tue 19/9/17	Sun 15/7/18	Tue 19/9/17	Sun 15/7/18			0 days	212FS-40 days	
08 214090	GROUND INVESTIGATION WORKS (3 NOS. BOREHOLE & TRIAL PITS)	21 days	2 days	Thu 20/7/17	Wed 9/8/17	Thu 20/7/17	Wed 9/8/17	198SS+14 days	100%	0 days	209	
09 214100	SUBMISSION AND APPROVAL OF MONITORING PROPOSAL	21 days	2 days	Tue 15/8/17	Mon 4/9/17	Tue 15/8/17	Mon 4/9/17	198SS+40 days,208	100%	0 days	210,211	
10 214110	INSTALLATION OF MONITORING MARKERS	14 days	2 days	Tue 5/9/17	Mon 18/9/17	Tue 5/9/17	Mon 18/9/17	209	100%	0 days	211,205	
11 214120	RETAINING WALL - RW 15B + SKJV NCE No.81 Additional 3 Bays	380 days	7 days	Thu 23/11/17	Fri 7/12/18	Thu 23/11/17	Fri 7/12/18	198SS+140 days,209,210,203	100%	0 days	21855,213	
12 214130	RETAINING WALL - RW 15C (45M) & STAIRCASE S6	390 days	7 days	Mon 11/6/18	Fri 5/7/19	Mon 11/6/18	Fri 5/7/19	207FS-40 days, 198,204FS-40 days	100%	0 days	216,217SS+30 days	
13 214140 14 214150	STREAM DECKING D1 STREAM DECKING D2	30 days 30 days		Sat 8/12/18 Mon 7/1/19	Sun 6/1/19 Tue 5/2/19	Sat 8/12/18 Mon 7/1/19	Sun 6/1/19	211	100%	0 days	214	
15 214160	STREAM DECKING D3	30 days	3 days	Wed 6/2/19	Thu 7/3/19	Wed 6/2/19	Tue 5/2/19 Thu 7/3/19	213 214		0 days 0 days	215 216	
6 214170	PEDSTRIAN RAMP CONSTRUCTION & PROVIDE SAFETY ACCESS TO RESIDENT @ CH-MP4+500	90 days	7 days	Sat 6/7/19	Thu 3/10/19	NA	NA	212,217,215	0%	95 days	230	
7 214190	(Compensation Event) DEMOLITION OF EXISTING STRUCTURE @ CH-MP4+500	30 days	2 days	Wed 11/7/18	Thu 9/8/18	Wed 11/7/18	Thu 9/8/18	212SS+30 days	100%	0 days	216	
18 214200	RW16A (600) (THE WORKS SUSPENDED, SKJV EW No.10 - Conflict of Proposed Cycle Track and Actual Site Condition CH-MP-44660 TO 5+010)	1 day	0 day	Wed 29/11/17	Wed 29/11/17	Wed 29/11/17	Wed 29/11/17	211SS	100%	0 days	219	→● 29/11
9 214201	PENDING THE SUPERVISOR TO ISSUE CE-181 REVISION OF RETAINING WALL No. RW16A & ASSOCIATED DRAINAGE WORKS AT KO HANG IN PORTION D, TO RESOLVE CONFLICT (SKJV EW No.10)	475 days	0 day	Thu 30/11/17	Tue 19/3/19	Thu 30/11/17	Tue 19/3/19	218	100%	0 days	220SS+370 days	
0 214202	PREPARATION WORKS FOR WORKS UNDER CE-181	20 days	0 day	Wed 5/12/18	Mon 24/12/18	Wed 5/12/18	Mon 24/12/18	219SS+370 days	100%	0 days	221	
1 214203	CONSTRUCTION WORKS FOR CE-181	250 days				Tue 25/12/18	NA	220 220		37 days	225	
2 214204 3 214205	SKJV EW №. 57 - RW16A BAY25 TO 28 CONSTRUCTION WORKS FOR RW16A BAY 25 TO 28	120 days 120 days	0 day	Mon 18/3/19 Tue 16/7/19	Mon 15/7/19	Mon 18/3/19	NA		55%	55 days	223	
4 214208	SKJV NCE No. 388 - ADDITIONAL PLANTER WALL	120 days		Mon 20/5/19	Tue 12/11/19 Sat 30/11/19	NA	NA	222	12723	55 days	230	
	PWD1 & REVISED DRAINAGE BETWEEN CH MP5+053 AND 5+155	. oo uaya	2 daya	1001 2010/18	Sat 30/11/19		NA	202	0%	37 days	230	
5 214210	EARTHWORKS AND DRAINAGE WORKS	91 days	8 days	Sun 1/9/19	Sat 30/11/19	NA	NA	221	0%	37 days	230	
6 214211	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D (DESIGN SUBMISSION & APPROVAL) + SK,IV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting	441 days	0 day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NA		90%	0 days	227,228,304SS	
214212	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D (ASSOCIATED CIVIL PROVISION WORKS)	100 days	0 day	Mon 1/7/19	Tue 8/10/19	NA	NA	226	0%	110 days	229	
8 214213	ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction)	210 days	0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	226	0%	0 days	229	
214214	INSTALLATION OF LED STREET LIGHTING BY	40 days	0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	228,227	0%	0 days	231	
214220	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD	60 days	4 days	Sun 1/12/19	Wed 29/1/20	NA		225,224,223,216		37 days		
914994	MARKING & TRAFFIC AIDS)	10.1									100100	
214221	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS				Wed 15/4/20	NA		230,229	0%	0 days	232	
214222	PORTION D - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day N	Wed 15/4/20	Wed 15/4/20	NA	NA	231	0%	0 days	235	5 15/4
214225	W1 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day N	Wed 5/6/19	Wed 5/6/19	NA	NA	11	0%	1175 days		5/6
214226	WI - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P3 TIME SAVINGS EFFECT (-60 days)	0 days (0 day S	Sun 7/4/19	Sun 7/4/19	NA	NA	12	0%	1235 days		714
210030	W1 - PLANNED COMPLETION DATE WITH CE & NCE EFFECT UP TO THIS PROG DATE	0 days (0 day V	Wed 15/4/20	Wed 15/4/20	NA	NA	102,149,191,232	0% (0 days	694,645,13	15/4
	SECTION W2 (PORTION E, F, G, H, I & N)	1761	days 1	Thu 30/6/16	Sun 25/4/21	Thu 30/6/16	NA		77%	485 days		
220010		days 0 days 0			Thu 30/6/16		Thu 30/6/16			1		
221000		886 days o		Thu 30/6/16		Thu 30/6/16					239FS+60 days,314FS+151 days,348,368FS+60	30/6
221010		0 days 0						22752.22		860 days		
221020	INITIAL SURVEY + 4 DAY DELAY (INCLEMENT	69 days 5			Sun 28/8/16 Sat 5/11/16			237FS+60 days 239SS			240SS,253 242,241	
221030	WEATHER) IN NOV 16 TREE SURVEY	65 days 5	idays V	Ved 2/11/16	Thu 5/1/17	Wed 2/11/16	Thu 5/1/17	240	100% 0	23	242	
	Task	Summary			External M	lilestone 🔶		Inactive Council				
	Split		nmary	·	Inactive Ta			Inactive Summary Manual Task	Q	0	Manual Summary Rollup	Finish-only] Progress
	Conduction and Conduc	External Ta:		25.5	Inactive M				-		manual outfittary	

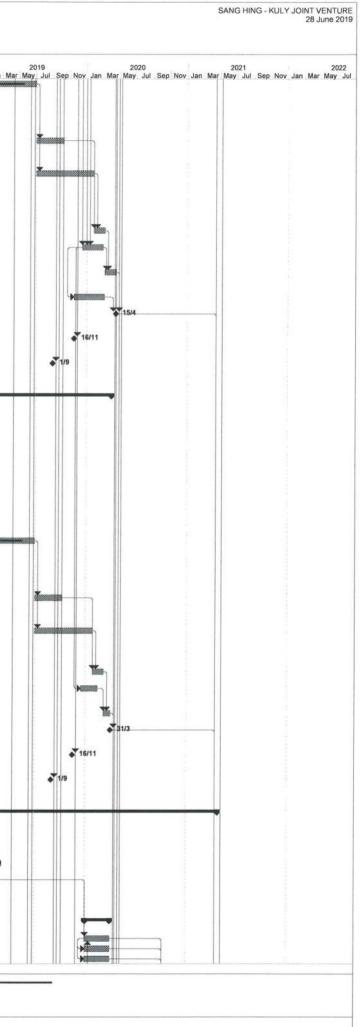
SANG HING - KULY	JOINT	VENTURE
	28	June 2019

		Split	Project Sur	mmary	0	Inactive T	ask 🗌		Manual Task	E		Manual Summary	Critic	al		Deadline	5				
								•		0					Э	1111 (111) (111)	-				
	21540							100 CONSIST	280			302SS								ii	
	1530	2017) + SKJV NCE No. 72 & 101	731 davs		Mon 16/4/18	Wed 15/4/20	Mon 16/4/18	NA		53%	375 davs					-					
	520	2017) + SKJV NCE No.72 & 101 RETAINING WALL - RW D23 (U) (21M) + 32 days	136 days	4 days	Sat 10/6/17	Mon 23/10/17	Sat 10/6/17	Mon 23/10/17	298SS+20 days	100%	0 days	302									
Image: second	10	STREAM DECKING (SKJV NCE No. 20 & 32) RETAINING WALL - RW D22 (U) (26M) + 46 days	158 days	4 days	Sun 21/5/17	Wed 25/10/17	Sun 21/5/17	Wed 25/10/17	296SS+30 days	100%	0 days	299SS+20 days,292SS+10 days,302			>						
	00	WEATHER) IN MAR & APR 17 + DELAY OF WORKS	53 days	4 days	Mon 27/2/17	Thu 20/4/17	Mon 27/2/17	Thu 20/4/17	295SS+22 days	100%	0 days	296		-	1						
Mit and second		DELAY (INCLEMENT WEATHER FROM MAY TO JUL 2017) + SKJV NCE No.72 & 101		·							5. 	2000-100 uays,302									
Production Produci	1490	DUE TO RÉVISED DETAILS & ALIGNMENT OF STREAM DECKING (SKJV NCE No.20 & 33)	188 dave	4 days	Fri 21/4/17	Wed 25/10/17	Fri 21/4/17	Wed 25/10/17	297 295 294	100%	0 dave	29855+30 days 302									
		BOX CULVERT D5 + 4 DAY DELAY (INCLEMENT WEATHER) IN MAR & APR 17 + DELAY OF WORKS													1						
Image: Norme intermediation intermediatintermediatintermediation intermediation intermediation intermed									242SS			295SS+30 days 296									
Bit Mark Mark Mark Mark Mark Mark Mark Mark	1450	RETAINING WALL - RW D20 (U) (22M) (+ SKJV NCE)	148 days	5 days	Wed 31/5/17	Wed 25/10/17	Wed 31/5/17	Wed 25/10/17	298SS+10 days	100%	0 days	291,302				Ţ					
Image: Second			Contraction (1)						292,289			302			•	*					
Image: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Se									279SS,242			302,291,288			×						
Image: Marcine									289		and the same his					*					
Bit Restance Bit Restance<	1365	END DATE OF DRY SEASON	0 days		Sat 31/3/18	Sat 31/3/18	Sat 31/3/18	Sat 31/3/18		100%	0 days					31/3					
New Network				3 days					284						*						
NUM NEXT NUM NU	1350	MP 6+020 - MP 6+530	151 days	z days	Wed 1/11/17	Sat 31/3/18	Wed 1/11/17	Sat 31/3/18	201	100%	0 days				-	-					
Disk Disk Columbia Disk Columbia <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>NA</td> <td>NA</td> <td></td>							NA	NA													
New Mark Mark Mark Mark Mark Mark Mark Mark	1342	RETAINING WALL - RW D26 (+ SKJV NCE)	260 days	2 days	Wed 17/1/18	Wed 3/10/18	Wed 17/1/18	Wed 3/10/18	279SS+220 days	100%	0 days				4	>					
Number Number<			A PORT AND A PORT AND	3 days					248,250FS+100 days,242						1						
CHART METABOLING MARKAND MARKAND MARKAND CLU APP A CLU APP A CLU APP A		DRAINAGE WORKS, EARTHWORKS FROM MP5+280 TO 6+020 (Excluding RWD15, 10 & D8)		3 days				177	256SS+25 days			269						-			
Difference Milling Relation Milling Mi		DRAINAGE WORKS, EARTHWORKS FOR RWD15, D10										308,247SS				·	+				
NUMBER Wild Fried Labor La	1300	RETAINING WALL - RW D10 (50M) - CSD	100 days		Sat 13/1/18	Sun 22/4/18	Sat 13/1/18	Sun 22/4/18		100%	0 days	275				*					
Differ Program Stars Factori Mun. Thirty 64:001 Mun. Thirty				10 days					256SS+115 days			274SS,276SS									
THE F RULE // FUNCY				2 days				NA Wed 11/7/18	269			310							T K		
THEE THEE FULL NOT WORK OWNER AND TEAM	1250	ROAD WORKS FOR REALIGNMENT	30 days	3 days	Wed 12/2/20	Thu 12/3/20	NA		277,257,259	0%	395 days	the second se				• 31/3					
Diese Trees Fill Ling Transform Min 2 Aug Strage Fig Vir T Min 1/4/17		CULVERT D4	151 days	4 days						100%	0 days	268									
THEE FEEL INCOMPANENTIAL AND GET MADE AND		START ON SEPT ONLY)									1000000	Design.			Ь						
Direct Fellumentander Amittee Aub Direct Market Miller Aub Direct Market Market Market Market Miller Aub Direct Market			304/00/604				NA	0000			0.000										
Description The EF ELLINGTIONAL PLANTICAL AND RATE 100 mg 5 days Fe Birlin Mon 17/4017 Pi Birlin Mon 17/4017 Pi Birlin Pi Birlin Mon 17/4017 Pi Birlin Mon 17/4017 Pi Birlin Pi Birlin Pi Birlin Pi Birlin Pi Birlin Mon 17/4017 Pi Birlin	221212		30 dave	0 day	En 16/8/40	Sat 14/0/10	NA	NA	263	0%	395 days	265					1				
THEE F FLUENCHARDERAATING AND BITE COUNTERS IN AND AND MATCHING AND STATE AND HOLD WORKS (JA MAD ALPHOUL) To day b S day b Pré //17 Mon 17/4/17 Pré //17 Pré //17 Mon 17/4/17 Pré //17 Mon 17/4/17 Pré //17 Pré //17 Mon 17/4/17 Pré //17	221211	Outstanding Details of Retaining Wall RWD3. Pending	255 days	0 day	Tue 4/12/18	Thu 15/8/19	Tue 4/12/18	NA	256	0%	395 days	264					The second secon				
Participant The FELL MODIFINANCIPANTING AND OFFE Disc days S days F fig U17 Mon 174/17 P dP U17 P dP U17 </td <td>221200 221210</td> <td></td> <td></td> <td>3 days</td> <td></td> <td></td> <td></td> <td></td> <td>256SS+330 days</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>N</td> <td></td> <td></td> <td></td> <td></td> <td></td>	221200 221210			3 days					256SS+330 days						-	N					
Calculation The EFE FELLINGTRANSELVATING, AND STE Calculation 102 days 102 days 5 days 5 days F f6 U177 F 100 days Mn 17/4/7 F f6 U177 Min 17/4/7 Mn 17/4/17 F f6 U177 Mn 17/4/17 S f6 12/7 Z7/55 I00% d days Z days <thz days<="" th=""> Z days Z days</thz>	221191	RETAINING WALL - RW D06	195 days	0 day	Tue 4/12/18	Sun 16/6/19	Tue 4/12/18	Sun 16/6/19	256,261	100%	0 days	259						*			
121040 THEE FELLINGTPARSPLATING AND SITE 102 days 5 days Fré 0/117 Mon 17/4/17 240,241 10% 0 days 24855.44 days,226,3485.514 days,226,3485.5113 Image and the second and t	221180	MP 5+515 - MP 5+595	405 days	2 days	Thu 16/8/18	Tue 24/9/19	Thu 16/8/18	NA	1000	95%	535 days								×		
121040 ITREE FELLING/TRANSPLATING AND SITE (LARANCE (= MCAT DUE TO INCELEMANT WAT INCON NO APPROVAL OF EXCAVATION PERMIT AND ROAD WORK (ZAWCE) 102 days 5 days Fri 61/17 Mon 17/4/17 240.241 100% 0 days 24085S+14 days, 250,24FS+136 days, 250,24FS+136 days, 250,24FS+136 121050 VEXTATION NAD APPROVAL OF EXCAVATION PERMIT AND ROAD WORK (ZAWCE) 0 days 0 days Fri 19/17 Sat 8/12/18 Fri 19/17 Sat 8/12/18 Fri 24/2/17 2375S 100% 0 days 121060 UTLITES DIVERSION WORK (ZAMCE) 90 days 5 days Sat 8/12/18 Fri 19/17 Sat 8/12/18 Fri 19/17 Ved 29/11/17 2475S 100% 0 days 12100 QAS MAIN (Oulet D4) (NO DIVERSION ISS WOSD 90 days 5 days Sat 13/178 Thu 12/17 Fri 19/17 Sat 8/12/18 Sat 13/178 Thu 12/18 2475S 100% 0 days 2465S 21081 wSD 30 days 5 days Sat 13/178 Sat 19/178 Sat 15/178 Sat 15/178 Sat 15/178 100% 0 days 2465S 21081 wSD 30 days 5 days Fri 20/177 Thu 9/2/7 749 0 days 2465S 260 <	221110	NCE		e udya					days			days,261SS+330 days,260,263,257			Pannon				-		
THEE FELLING/TRANSPLANTING AND SITE 102 days 5 days Fri 6/1/7 Mon 17/4/17 Fri 18/17 Mon 17/4/17 Sat 8/12/18 <	221160		· · · · · · · · · · · · · · · · · · ·	2 down					242 252 254 249 250 270			27755+25 days 27255+445			*						
TREE FELLING/TRANSPLANTING AND SITE 102 days 5 days Fris/1/17 Mon 17/4/17 240.241 100% 0 days 2485S+14 days,258,245Fs+136 days UELGRAINCE (LERANCE) DELAY DUE TO INCLEMENT WEATHER Non 17/4/17 Yu 30/6/16 Fri 5/1/17 Mon 17/4/17 Fri 6/1/17 Mon 17/4/17 240.241 100% 0 days 2485S+14 days,258,245Fs+136 days days,2945S,279,289 UTILITES DIVERSION AND APPROVAL OF EXCAVATION 240 days 0 days Fri 19/17 Nu 30/6/16 Fri 19/17 Sat 8/12/18 Fri 19/17 2475S 100% 0 days - 21000 CLP (NOT REQURED) 90 days 5 days 5 days 5 days 5 days 11/17 Fri 19/17 242/17 275S 100% 0 days - 21000 CLP (NOT REQURED) 90 days 5 days 5 days 5 days 11/17 Sat 8/12/18 276SS 100% 0 days - 21001 WSD 90 days 5 days 5 days 5 days 13/1/18 Thu 12/4/18 276SS 100% 0 days - 21001 WSD 90 days 5 days	221150	APPROVAL OF TDMP BY SUPERVISOR/DSD	30 days	3 days	Fri 28/10/16	Sat 26/11/16	Fri 28/10/16	Sat 26/11/16	253	100%	0 days	256			_						
ITREE FELINGTRANPOLATING AND SITE CLEARANCE FELING TADD PAPROVAL OF EXCAVATION WEATHER] 102 days 5 days Fn 6/1/7 Mon 17/4/17 Ya 30/6/16 Mon 17/4/17 Ya 30/6/16 Ya 30/6/16 Ya 30/6/16 Fn 1/4/17 Ya 30/6/16 Ya 30/6/16 Fn 1/4/17 Ya 30/6/16 Ya 30/6/16 Fn 1/4/17 Ya 30/6/16 Ya 30/6/16 Fn 1/4/17 Ya 30/6/16 Ya 30/6/17 Ya 30/6/17<	221130 221140																				
12100 TREE FELLING/TRANSPLANTING AND SITE (JOE days 5 days Fn 6/1/17 100 f1/17 Mon 17/4/17 240.241 100% 0 days 248SS-14 days,256,245FS-136 days,256,245FS-136 days,256,245FS-136 days,254S,279,289 121050 APPLICATION AND APPROVAL OF EXCAVATION 240 days 0 day 1 days 1	221110										8.0	2220	bernant								
12100 TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT WEATHER) 102 days 5 days Fn 6/1/17 Mon 17/4/17 Fn 6/1/17 Mon 17/4/17 240,241 100% 0 days 2465S+14 days,256,245FS+136 days,294SS,279,289 121050 APPLICATION AND APPROVAL OF EXCAVATION 240 days 0 day Thu 30/6/16 Fri 24/2/17 Thu 30/6/16 Fri 24/2/17 237SS 100% 0 days 121060 UTILITIES DIVERSION WORKS (GAS MAIN, CLP, WSD) 464 days 0 day Fri 19/17 Sat 8/12/18 Fri 19/17 Sat 8/12/18 Thu 12/4/18 Sat 8/12/17 247SS 100% 0 days 121070 GAS MAIN (Culvet D4) (NO DIVERSION IS REQUIRED) 90 days 5 days Sat 13/1/18 Thu 12/4/18 247SS 100% 0 days -	and the set	PROPOSAL		100000000																	
121040 TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT WEATHER) 102 days 5 days Fri 6/1/17 Mon 17/4/17 Fri 6/1/17 Mon 17/4/17 240.241 100% 0 days 2485S+14 days,256.245FS+136 days,294SS,279,289 1221050 APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE 240 days 0 day Fri 24/2/17 37SS 100% 0 days 2485S,141 days,256,245FS+136 days,294SS,279,289 1221050 VDILITIES DIVERSION WORKS (GAS MAIN, CLP, WSD) 464 days 0 day Fri 1/9/17 Sat 8/12/18 Fri 1/9/17 330 fa/s Fri 1/9/17 Vel 29/11/17 242FS+136 days 100% 0 days -	221090	& TRIAL PITS)							References and an and the					-							
TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT 102 days 5 days Fri 6/1/17 Mon 17/4/17 Fri 6/1/17 Mon 17/4/17 240.241 100% 0 days 248SS+14 days,256,24SFS+136 days,294SS,279,289 12100 APPLICATION AND APPROVAL OF EXCAVATION 240 days 0 day Thu 30/6/16 Fri 24/2/17 Thu 30/6/16 Fri 24/2/17 237SS 100% 0 days 248SS+14 days,256,24SFS+136 days,294SS,279,289 121060 UTILITIES DIVERSION WORKS (GAS MAIN, CLP, WSD) 464 days 0 day Fri 19/17 Sat 8/12/18 Fri 1/9/17 Sat 8/12/18 Fri 1/9/17 242FS+136 days 100% 0 days -	221081								276SS			246SS									
TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT WEATHER) 102 days 5 days Fri 6/1/17 Mon 17/4/17 Fri 6/1/17 Mon 17/4/17 240,241 100% 0 days 248SS+14 days,256,245FS+136 days,294SS,279,289 121050 APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE 240 days 0 day Thu 30/6/16 Fri 24/2/17 37SS 100% 0 days 100%	221070	REQUIRED)	11211	1993											1 Y						
21040 TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT WEATHER) 102 days 5 days Fri 6/1/17 Mon 17/4/17 Fri 6/1/17 Mon 17/4/17 240,241 100% 0 days 248SS+14 days,256,245FS+136 days,294SS,279,289 21050 APPLICATION AND APPROVAL OF EXCAVATION 240 days 0 days Thu 30/6/16 Fri 24/2/17 Thu 30/6/16 Fri 24/2/17 237SS 100% 0 days 4ays	21060	UTILITIES DIVERSION WORKS (GAS MAIN, CLP, WSD)	464 days	0 day	Fri 1/9/17	Sat 8/12/18	Fri 1/9/17	Sat 8/12/18		100%	0 days										
TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT WEATHER) 102 days 5 days Fri 6/1/17 Mon 17/4/17 240,241 100% 0 days 248SS+14 days,256,245FS+136 days,294SS,279,289	221050	APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE	240 days	0 day	Thu 30/6/16	Fri 24/2/17	Thu 30/6/16	Fri 24/2/17	237SS	100%	0 days		1								
		WEATHER)	5 1990 - 1990 - 1990																		
Allowance 2016 2017 2018 2019 2020 2021											Udavs	248SS+14 days 256 245FS+136									

U	Activity ID Task I	rans.	Duration	Time Risk Allowance (days)	Early Start	Early Finish	Actual Start	Actual Finish	Predecessors	Compl	Finish ete Slack	Successors	2016 May Jul Seo	201 Nov Jan Mar May		2018 Mar May Jul	C.
02	221545	DRAINAGE WORKS, EARTHWORKS AND ROAD WORKS FROM MP6+020 TO 6+530	350 days	10 days	Thu 4/10/18	Wed 18/9/19	Thu 4/10/18	NA	289,291,292,296,298,29	9,3 80%	545 days	308FF	way Jul Sep	Nov Jan Mar May ,	ui sep Nov Jan	Mar May Jul	Ser
03	221546	CE-180 DESIGN AND CONSTRUCTION OF BOUNDARY WALL ALONGSIDE SAN TIN HIGHWAY IN PORTION E	300 days	5 days	Thu 1/11/18	Tue 27/8/19	Thu 1/11/18	NA		70%	567 days	308FF					
4	221547	CE-143 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED LIGHTING IN PORTION E (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting	441 days	0 day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NA	226SS	90%	375 days	305,306,337SS,358SS,394SS,443SS,					
5	221548	CE-143 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION E (ASSOCIATED CIVIL PROVISION WORKS)	100 days	0 day	Mon 1/7/19	Tue 8/10/19	NA	NA	304	0%	485 days	307					
5	221549	ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction)		0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	304	0%	375 days	307					
7	221550	INSTALLATION OF LED STREET LIGHTING BY OTHERS	40 days	0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	305,306	0%	375 days	309					
8	221551	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	310 days	5 days	Tue 13/11/18	Wed 18/9/19	NA	NA	302FF,276,303FF	0%	545 days	309					
9	221552	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	40 days	0 day	Sat 7/3/20	Wed 15/4/20	NA	NA	308,307	0%	375 days	310					
10	221555	PORTION E - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day	Wed 15/4/20	Wed 15/4/20	NA	NA	270,282,309	0%	375 days	452					
11	221560	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	23	0%	1011 days						
12	221561	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days)	0 days	0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	24	0%	1088 days						
13		PORTION F (MP 6+530 - MP 6+850, CH ST 0+150 - CH ST 1+150)	1386 days		Thu 30/6/16	Wed 15/4/20	Thu 30/6/16	NA		80%	375 days		-				+
15 16	222010 222020 222030 222040	POSSESION OF SITE INITIAL SURVEY TREE SURVEY TREE FELLING/TRANSPLANTING AND SITE CLEARANCE (+ DELAY DUE TO INCLEMENT	0 days 215 days 40 days 150 days	4 days 4 days	Sun 27/11/16 Mon 28/11/16 Mon 28/11/16 Sat 1/7/17	Fri 30/6/17	Sun 27/11/16 Mon 28/11/16 Mon 28/11/16 Sat 1/7/17	Sun 27/11/16 Fri 30/6/17 Fri 6/1/17 Mon 27/11/17	314SS 314SS	100% 100% 100% 100%	0 days 0 days	315SS,316SS 317,327SS+115 days 317 318,336		27/11			
18	222050	WEATHER) UTILITIES DIVERSION WORKS (CLP, TOWN GAS)	90 days	0 day	Tue 28/11/17	Sun 25/2/18	Tue 28/11/17	Sun 25/2/18	317	100%	0 days				*		
1992-00	222120	INSTRUCTION FOR SITE INVESTIGATION FOR CONTAMINATED SITE	565 days		Thu 30/6/16	Mon 15/1/18	Thu 30/6/16	Mon 15/1/18	255	100%		320	•		1		
	222130 222140	ARRANGEMENT OF SITE INVESTIGATION WORKS	7 days		Tue 16/1/18	Mon 22/1/18	Tue 16/1/18	Mon 22/1/18	319	100%	1.000	321			ľ,		
	222140	SITE INVESTIGATION WORKS AND TESTING AWAITING FOR INSTRUCTION FOR REMEDIAL	60 days 363 days	2333	Tue 23/1/18 Sat 24/3/18	Fri 23/3/18 Thu 21/3/19	Tue 23/1/18 Sat 24/3/18	Fri 23/3/18 Thu 21/3/19	320		3	322,324,331 323,325SS				1	
		WORKS FOR CONTAMINATED SOIL										323,32355					
	222146	ISSUED DATE OF CE-158 TREATMENT OF CONTAMINATED SOIL IN PORTION F	1 day			Fri 22/3/19	Fri 22/3/19	Fri 22/3/19	322		0 days					1	
	222150	PREPARATION WORKS FOR TREATMENT OF CONTAMINATED SOIL	30 days	3 days	Sat 24/3/18	Sun 22/4/18	Sat 24/3/18	Sun 22/4/18	321	100%	0 days	32588				- Million	
	222155	IMPLEMENTATION OF DE-CONTAMINATION WORKS & ASSOCIATED EARTHWORK & DRAINAGE WORKS			Sat 24/3/18	Mon 15/7/19	Sat 24/3/18	Mon 15/7/19	324SS,322SS		1000	326SS+55 days,332				*	
26	222156	ADDITIONAL, RETaining Wall RWD26A, RWD26B, RWD26C at Chainage CH-ST-6500 to CH-6+650 (SKJV NCE No.; 149 - Additoinal Drainage andd Revised Retaining Wall RWD26A, RWD26B and RWD26C)	280 days	0 day	Fri 18/5/18	Thu 21/2/19	Fri 18/5/18	Thu 21/2/19	325SS+55 days	100%	0 days						
27	222160	GROUND INVESTIGATION WORKS (1 NO. BOREFOLE & TRIAL PITS)	14 days	2 days	Thu 23/3/17	Wed 5/4/17	Thu 23/3/17	Wed 5/4/17	315SS+115 days	100%	0 days	328		M			
28 3	222165	SUBMISSION AND APPROVAL OF MONITORING PROPOSAL	21 days	2 days	Thu 6/4/17	Wed 26/4/17	Thu 6/4/17	Wed 26/4/17	327	100%	0 days	329		a a a a a a a a a a a a a a a a a a a			
29 3	222170	INSTALLATION OF MONITORING MARKERS	21 days	2 days	Thu 27/4/17	Wed 17/5/17	Thu 27/4/17	Wed 17/5/17	328	100%	0 days						
30 2	222180	RW 42 (60M) - CSD	60 days	7 days	Fri 1/11/19	Mon 30/12/19	NA	NA	441SS	0%	382 days	341FS-15 days					
31 2	222190	RW 43 (+ SKJV NCE No. 91 Additional Bays/Revised Details and Realignment of Storm Drain Pipe, No. 118 Revised RC Details, No.148 Additional Rockfill Arrangement, No.195 Revised Details of Bay 5,)	285 days	5 days	Sat 24/3/18	Wed 2/1/19	Sat 24/3/18	Wed 2/1/19	321	100%	0 days	335				*	
	222200 222210	RW 44 (36M U) RAMP PR3 CONSTRUCTION	80 days			Thu 19/12/19 Thu 19/12/19	NA	NA	325,334	0%		341FS-20 days					
	222210	CE-180 DESIGN AND CONSTRUCTION OF BOUNDARY WALL ALONGSIDE SAN TIN HIGHWAY IN PORTION F	80 days 214 days			Mon 30/9/19	NA Fri 1/3/19	NA	334	0% 70%		341FS-20 days 341,332,333					
35 2	222215	EARTHWORKS AND DRAINAGE WORK RW43, RWD26A, RWD26B & RWD26C, RW43	130 days	10 days	Thu 3/1/19	Sun 12/5/19	Thu 3/1/19	Sun 12/5/19	331	100%	0 days	341					
36 2	222220	EARTHWORKS AND DRAINAGE WORKS AT LOCATION OTHER THAN RW42, RW43, RW44, RW26A, RW26B, RW26C AND BOUNDARY WALL AT PORTION F	270 days	3 days	Tue 28/11/17	Fri 24/8/18	Tue 28/11/17	Fri 24/8/18	317	100%	0 days	341			¥		
_		Task	Summary			External M	lilestone Ø		Inactive Summary	U	0	Manual Summary Rollup	Finist	n-only]		Progress	
		Split		mmary	Ø	Inactive Ta	reproduction (197		Manual Task	E		Manual Summary	Critic			Deadline	
		Milestone 🔶	External T	and the	1000	Inactive Mi	lestone 🌣		Duration-only			Start-only C	-	al Split			



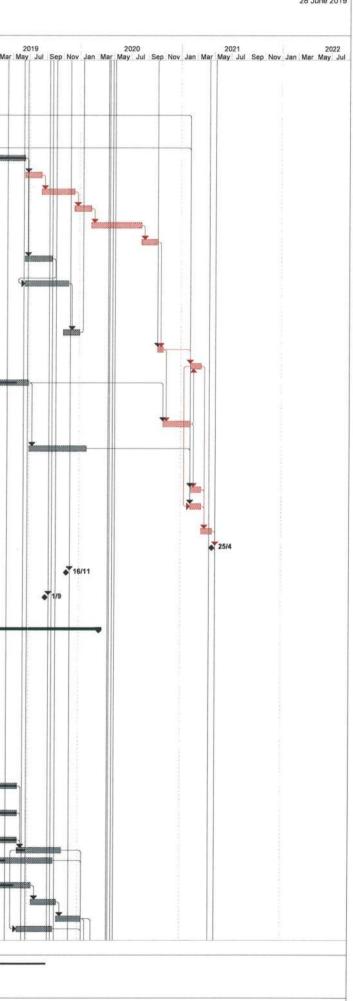
		Task	Summary		-	External	Vilestone 🔷		Inactive Summary	0		Manual Summary Rollup	Finish-only] Progress
and the	24090	CLP	90 days 90 days			Tue 31/3/20 Tue 31/3/20	NA	NA NA	375SS 375SS	0% 0%	190 days 3 190 days 3		
transfer to the	24080 24090	нкв тдт	90 days			Tue 31/3/20	NA NA	NA	372,391	0%	and the second second second	376SS,377SS,392	
22	24070	UTILITIES DIVERSION WORKS (HKB, TGT & CLP)	90 days	0 day	Thu 2/1/20	Tue 31/3/20	NA	NA		0%	190 days		
22	24060	APPLIED TTA APPROVAL FOR REALIGNMENT FOR RW49	285 days	14 days	Thu 24/8/17	Mon 4/6/18	Thu 24/8/17	Mon 4/6/18	372	100%	0 days	383	· · · · · · · · · · · · · · · · · · ·
22	24050	APPLICATION AND APPROVAL OF EXCAVATION PERMIT AND ROAD WORK ADVICE	420 days	10 days	Thu 30/6/16	Wed 23/8/17	Thu 30/6/16	Wed 23/8/17	237SS	100%	0 days 3	373,375	
	24040	TREE FELLING/TRANSPLANTING AND SITE CLEARANCE	580 days	7 days	Fri 4/8/17	Wed 6/3/19	Fri 4/8/17	Wed 6/3/19	369FS+40 days		0 days		
1023	24020 24030	INITIAL SURVEY TREE SURVEY	300 days 65 days			Sat 24/6/17 Thu 5/1/17	Mon 29/8/16 Wed 2/11/16	Sat 24/6/17 Thu 5/1/17	368SS 369	100% 100%	0 days 3 0 days	370,371FS+40 days,378SS+95 days	
	24010	POSSESION OF SITE	0 days			Sun 28/8/16	Sun 28/8/16		237FS+60 days			369SS	28/8
2	24000	PORTION H (CH ST 1+310 - 1+525, 1+700 - 2+270)	1761 days		Thu 30/6/16	Sun 25/4/21	Thu 30/6/16	NA		65%	0 days		
64	NJ671	PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days)	o udys	o ody	Jun Irar (a	Sun Haria	115	00	-	0%	1088 days		
	23241	PROG DATE W2 - LATEST REVISED COMPLETION DATE IN THIS		0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	24		2		
2	23240	& NCE EFFECT W2 - LATEST REVISED COMPLETION DATE IN THIS	0 days	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	23	0%	1011 days		
	23230	PORTION G - PLANNED COMPLETION DATE WITH CE	-	0 day	Tue 31/3/20	Tue 31/3/20	NA	NA	363	0%		452	
2	23211	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	S 25 days	0 day	Sat 7/3/20	Tue 31/3/20	NA	NA	362,361	0%	390 days	364	
2	23210	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	60 days	10 days	Mon 16/12/19	Thu 13/2/20	NA	NA	341SS	0%	412 days		
2	23204	WORKS ORDER FOR STREET LIGHTING BY OTHERS SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY		0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	360,359	0%	390 days	363	
) 2	23203	WORKS FOR LED LIGHTING CH. ST0+700m TO ST1+700m (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF	210 days	0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	358	0%	390 days		
2	23202	Lighting CE-157 DESIGN & ASSOCIATED CIVIL PROVISION	100 days	0 day	Mon 1/7/19	Tue 8/10/19	NA	NA	358	0%	500 days	361	
2	23201	CE-157 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED LIGHTING CH. ST0+700m TO ST1+700m (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED	441 days	0 day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NĂ	304SS	90%	390 days	359,360	
2	23160	END DATE OF DRY SEASON EARTHWORKS AND DRAINAGE WORKS	0 days 180 days	2 days	Sat 31/3/18 Sun 1/4/18	Sat 31/3/18 Thu 27/9/18	Sat 31/3/18 Sun 1/4/18	Sat 31/3/18 Thu 27/9/18	355	100%	0 days 0 days		31/3
2	23111	BRIDGE C WORKS (CSD)	151 days	5 days	Wed 1/11/17	Sat 31/3/18	Wed 1/11/17	Sat 31/3/18	354,351	100%	0 days	355	*
	223090	APPROVAL OF TDMP BY SUPERVISOR/DSD STARTING DATE OF DRY SEASON	14 days 0 days	2 days 0 day	Wed 18/1/17 Wed 1/11/17	Tue 31/1/17 Wed 1/11/17	Wed 18/1/17 Wed 1/11/17	Tue 31/1/17 Wed 1/11/17	352	100%	0 days 0 days	355	1/11
2 2	223080	CLEARANCE PREPARATION OF TDMP FOR GI WORKS	202 days	10 days	Thu 30/6/16	Tue 17/1/17	Thu 30/6/16	Tue 17/1/17	348SS	100%	0 days	353	+
) 2	223030 223040	TREE SURVEY TREE FELLING/TRANSPLANTING AND SITE	130 days	10 days 10 days	Mon 29/8/16 Fri 6/1/17	Thu 5/1/17 Fri 5/5/17	Mon 29/8/16 Fri 6/1/17	Thu 5/1/17 Fri 5/5/17	349 350,349	100% 100%	0 days	351 355	
	223010 223020	POSSESION OF SITE INITIAL SURVEY	0 days 60 days	0 day 5 days	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Sun 28/8/16	Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Sun 28/8/16	237 348SS	100% 100%		352SS,349SS 350,351	▲ 30/6
1 2	223000	PORTION G - (BRIDGE C) CH ST 1+210 - CH ST 1+310)	1371 day	S	Thu 30/6/16	Tue 31/3/20	Thu 30/6/16	NA		72%	390 days		
3 2	222261	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days)	0 days	0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	24	0%	1088 days		
5 2	222260	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	23	0%	1011 days		
4 2	222250	PORTION F - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day	Wed 15/4/20	Wed 15/4/20	NA	NA	343,342	0%	375 days	452	
	222240	RESTING STATION R8	10000000000000000000000000000000000000	10 days	Sat 16/11/19	Wed 4/3/20	NA	NA	341SS-30 days	0%	417 days		
2 2	222231	COLOUR DRESSING, ROAD MARKING & TRAFFIC AID	S 40 days	2 days	Sat 7/3/20	Wed 15/4/20	NA	NA	340,341	0%	375 days	344	
1 2	222230	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	75 days	8 days	Mon 16/12/19	Fn 28/2/20	NA	NA	335,334,336,333FS-20 days,332FS-20 days,330FS-15 days	0%	382 days	343SS-30 days,362SS,342	
	222224	INSTALLATION OF LED STREET LIGHTING BY OTHERS	40 days	10 - 10 - 20 - 10 - 10 - 10 - 10 - 10 -	Mon 27/1/20		NA	NA	338,339	0%	375 days		
9	222223	WORKS ORDER FOR STREET LIGHTING ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction)		u day	Mon 1/7/19	Sun 26/1/20	NA	NA	337	0%	375 days	340	
	222222	CE-153 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION F & N (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF			Mon 1/7/19	Tue 8/10/19	NA	NA	337	0%	485 days		
0	00000	WORKS FOR LED LIGHTING IN PORTION F & N (DESIGN SUBMISSION & APPROVAL) + SKUY NCE No 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting		0 day	Map 1/7/10	Tuo 8/10/10	NA	NA	997	0%		240	
11 1	222221	CE-153 DESIGN & ASSOCIATED CIVIL PROVISION	441 days	(days) 0 day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NA	304SS	90%	375 days	338,339	May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar May Jul Sep



ID Activity ID Task Name Duration Time Risk Early Start Early Finish Actual Start Actual Finish Predecessors Finish Successors Complete Slack 2017 May Jul Sep Nov Jan Mar May Jul Sep Nov Jan May Jul Sep Nov Jan Ma 36955+95 dave 100% 0 days 378 224110 GROUND INVESTIGATION WORKS (6 NOS. BOREHOLE 190 days En 2/12/16 Fri 9/6/17 Eri 2/12/16 Eri 0/6/17 379FS+80 day & TRIAL PITS) 379 224120 SUBMISSION AND APPROVAL OF MONITORING Fri 27/10/17 Tue 29/8/17 Fri 27/10/17 378FS+80 days 60 days 2 days Tue 29/8/17 100% 0 days 380 PROPOSAL 380 224130 INSTALLATION OF MONITORING MARKERS 30 days 2 days Sat 28/10/17 Sun 26/11/17 Sat 28/10/17 Sun 26/11/17 379 100% 381 0 days 381 224140 RW 45A (73M) + DELAY DUE TO INCLEMENT 320 days 10 days Mon 27/11/17 Fri 12/10/18 Mon 27/11/17 380 85% 846 days 398 WEATHER + CE-039 ROCKFILL ARRANGMENT BENEATH RW45A 382 224150 RW 45B - CSD and NCE 248 118 days 5 days Tue 5/6/18 Sun 30/9/18 Tue 5/6/18 Sun 30/9/18 38355 100% 0 days 398 383 224160 RW 49 + NCE No. 164 Additional Rockfill and Revised 376 days 5 days Tue 5/6/18 Sat 15/6/19 Tue 5/6/18 Sat 15/6/19 373 100% 0 days 38255 384 389 ns (BAY 5 TO 13) 384 224161 RW 49 + NCE No.164 Additional Rockfill and Revised 60 days Sun 16/6/19 Wed 14/8/19 NA 383 0% 0 days 385 Dimensions (BAY 1 TO 4) 384 385 224162 ADDITIONAL RETAINING WALL RW50 SKJV NCE No. 120 days 0 day Thu 15/8/19 Thu 12/12/19 NA NA 0% 0 days 386 141 (BAY 1 TO BAY 4) ADDITIONAL LENGTHENING OF RETAINING WALL 386 224163 385 0 days 60 days Fri 13/12/19 Mon 10/2/20 NA NA 0% 387 RW49 SKJV NCE No. 141 (BAY 14 TO 15) 387 224165 Additional utilities diversion near RW49 to RW50 to be 180 days Tue 11/2/20 Sat 8/8/20 NA MΔ 386 0% 0 days 388 diverted (NCE NO 160) DRAINAGE, GULLIES AND ROAD WORKS FOR RE-ALIGNMENT CARRIAGEWAY FOR RW49 & RW50 388 224166 387 60 days 0 day Sun 9/8/20 Wed 7/10/20 NA NA 0% 0 days 392 389 224170 100 days 10 days NA NA 383 DW1 & DW1A + SKJV NCE No. 241 Revised Lavout of Sun 16/6/19 Mon 23/9/19 0% 190 days 390FS-100 days RW DW1, DW1A & DW2 + NCE No. 243 Revised RW No 390 224180 DW2 (92M) + SKJV NCE No. 241 Revised Layout of RW 160 days 10 days Sun 16/6/19 Fri 22/11/19 NA 389FS-100 days 0% 190 days 391FS-20 days DW1, DW1A & DW2 + NCE No.308 Suspension of Construction of RW DW2 due to Leakage of WSD Chamber + SKJV EW No. 41 - Conflict between Existing WSD Mains and Cycle Track 391 224190 DRAINAGE WORKS ALONG DW1, DW1A & DW2 NA NA 390FS-20 days 60 days 14 days Sun 3/11/19 Wed 1/1/20 0% 190 days 375 392 224191 TTA AND REALIGNMENT OF CASTLE PEAK ROAD 20 days Thu 8/10/20 Tue 27/10/20 NA NA 375 376 377 388 0% 0 days 303 305 NEAR RW49 RW50 DW1 & DW2 ROAD WORKS FOR REALIGNMENT CARRIAGEWAY 393 224192 Fri 5/2/21 Tue 16/3/21 N/ 392,395 0% 40 days 0 day 398SS,399 0 days FOR DW1 & DW2 394 224193 CE-157 DESIGN & ASSOCIATED CIVIL PROVISION 441 days 0 day Mon 16/4/18 Sun 30/6/19 Mon 16/4/18 NA 304SS 90% 375 days 395 396 WORKS FOR LED LIGHTING CH. ST0+700m TO ST1+700m (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED 395 224194 CE-157 DESIGN & ASSOCIATED CIVIL PROVISION 100 days 0 day Wed 28/10/20 Thu 4/2/21 NA NA 394.392 0% 0 days 397 393 WORKS FOR LED LIGHTING CH ST0+700m TC ST1+700m (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + 396 224195 210 days 0 day Mon 1/7/19 Sun 26/1/20 394 0% 375 days 397 SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) 397 224196 NSTALLATION OF LED STREET LIGHTING BY 40 days 0 day Fri 5/2/21 Tue 16/3/21 NA NA 396.395 0% 399 0 days OTHERS 398 224220 ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD 40 days 3 days Fri 5/2/21 Tue 16/3/21 NA NA 381 382 39355 0% 0 days 399 MARKING & TRAFFIC AIDS 399 224221 COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS 40 days 2 days Wed 17/3/21 Sun 25/4/21 NA 398 397 393 0% 400 0 days 0 days 0 day 400 224230 PORTION H - PLANNED COMPLETION DATE WITH CE Sun 25/4/21 Sun 25/4/21 NA NA 300 0% 0 days 452 & NCE EFFECT 401 224240 W2 - LATEST REVISED COMPLETION DATE IN THIS Sat 16/11/19 Sat 16/11/19 NA NA 0 days 0 day 23 0% 1011 days PROG DATE W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days) 402 224241 Sun 1/9/19 Sun 1/9/19 0 days 0 day NA NΔ 24 0% 1088 days Thu 30/6/16 403 225000 PORTION I (SUBWAY D) 1353 days Thu 30/6/16 Fri 13/3/20 NA 893 days 81% 404 225010 POSSESSION OF SITE 0 days 0 day Thu 30/6/16 Thu 30/6/16 Thu 30/6/16 Thu 30/6/16 255 100% 0 days 405SS 30/6 405 225020 INITIAL SURVEY 180 days 14 days Thu 30/6/16 Mon 26/12/16 Thu 30/6/16 Mon 26/12/16 404SS 100% 0 days 406SS.407 406 225030 TREE SURVEY 190 days 14 days Thu 30/6/16 Thu 5/1/17 Thu 30/6/16 Thu 5/1/17 405SS 100% 0 days 407 407 225040 TREE FELLING/TRANSPLANTING AND SITE Fri 6/1/17 Fri 6/1/17 Sun 12/2/17 406,405 79% 2018 days 411 38 days 2 days CLEARANCE 408 225050 APPLICATION AND APPROVAL OF EXCAVATION 310 days 14 days Thu 30/6/16 Fri 5/5/17 Thu 30/6/16 Fri 5/5/17 23755 100% 0 days 411 PERMIT AND ROAD WORK ADVIC 409 225060 TTM PREPARATION Thu 30/6/16 180 days 4 days Thu 30/6/16 Mon 26/12/16 Mon 26/12/16 2SS 100% 0 days 410 410 225070 TTM APPROVAL BY RSS/TMLG Tue 27/12/16 Wed 26/4/17 Tue 27/12/16 Wed 26/4/17 409 121 days 4 days 100% 0 days 411 411 225080 SUBWAY D CONSTRUCTION, BAY 9 - 11 435 days 10 days Sat 6/5/17 Sat 14/7/18 Sat 6/5/17 Sat 14/7/18 410,407,408 100% 0 days 412,414SS+260 days,416SS+180 day 412 225085 TTA FOR SUBWAY D CONSTRUCTION BAY 7 TO 8 + 5 days 0 day Sun 15/7/18 Thu 19/7/18 Sun 15/7/18 Thu 19/7/18 411 100% 0 days 413 KJV NCE No.41 OBSTRUCTION OF REVISED RETAINED TREES IN PORTION I 413 225086 SUBWAY D CONSTRUCTION, BAY 7 TO 8 & PUMP 310 days 10 days Fri 20/7/18 Sat 25/5/19 Fri 20/7/18 412 Sat 25/5/19 100% 0 days 418 HOUSE 411SS+260 days 414 225090 SUBWAY D CONSTRUCTION, BAY 15 TO 17 200 days 5 days Sun 21/1/18 Wed 8/8/18 Sun 21/1/18 Wed 8/8/18 100% 0 days 415 415 225091 SUBWAY D CONSTRUCTION, BAY 12 TO 14 290 days 10 days Thu 9/8/18 Sat 25/5/19 Thu 9/8/18 Sat 25/5/19 414 100% 0 days 418 416 225092 SUBWAY D CONSTRUCTION, BAY 4 TO 6 230 days 10 days Thu 2/11/17 Tue 19/6/18 Thu 2/11/17 Tue 19/6/18 411SS+180 days 100% 0 days 417 417 225093 SUBWAY D CONSTRUCTION, BAY 1 TO 3 340 days 10 days Wed 20/6/18 Sat 25/5/19 Wed 20/6/18 Sat 25/5/19 416 100% 418 0 days 418 225110 FINISHING WORKS AND E&M WORKS 160 days 6 days Sun 26/5/19 Fri 1/11/19 Sun 26/5/19 NA 417,415,413 20% 481 days 424,423SS 419 225111 SKJV NCE No. 181 - ADDITIONAL FLOODING WARNING 342 days 0 day Fri 26/10/18 Wed 2/10/19 NA 50% Fri 26/10/18 134SS 511 days 424 SYSTEM FOR SUBYWAY A & D 420 225112 ROOFING - MATERIAL SUBMISSION AND APPROVAL Thu 8/11/18 Mon 15/7/19 Thu 8/11/18 76% 250 days 0 day NA 408 days 421 421 225113 **ROOFING - ORDER, MANUFACTURING & DELIVER** 92 days 0 day Tue 16/7/19 Tue 15/10/19 NA NA 420 0% 408 days 422 422 225114 ROOFING - INSTALLATION 90 days 0 day Wed 16/10/19 Mon 13/1/20 NA NA 421 0% 408 days 425,424 423 225120 EARTHWORKS AND DRAINAGE WORKS 130 days 3 days Sun 26/5/19 Wed 2/10/19 NA NA 418SS 0% 511 days 424 Task Summary External Milestone Inactive Summary 0 ٠ Manual Summary Rollup Finish-only Т Progress Split Project Summary Inactive Task Manual Task Manual Summan Critical Deadline J. Inactive Milestone Milesto External Tasks 2010/02/02 Duration-only Start-onl Critical Split E *************

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REMARK: ALL SUNDAYS AND HOLIDAYS ARE INCLUDED IN THIS PROGRAMME



	Task Name	Duration	Time Risk Allowance (days)	Early Start	Early Finish	Actual Start	Actual Finish	Predecessors	Comple	Finish ete Slack	Successors	2016 2017 2018 May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar May Jul Sep
225130	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	35 days		Tue 14/1/20	Mon 17/2/20	NA	NA	418,423,419,422	0%	408 days	425	
225131	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	S 25 days	1 day	Tue 18/2/20	Fri 13/3/20	NA	NA	424,422	0%	408 days	426	
225140	PORTION I - PLANNED COMPLETION DATE WITH CE 8 NCE EFFECT	0 days	0 day	Fri 13/3/20	Fri 13/3/20	NA	NA	425	0%	408 days	452	
225150	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	23	0%	1011 days		
225151	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days)	0 days	0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	24	0%	1088 days		
226000	PORTION N (BRIDGE B)	1360 day	s	Thu 30/6/16	Fri 20/3/20	Thu 30/6/16	NA		75%	401 days		
226010	POSSESION OF SITE	0 days	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	237	100%	0 days	431SS	30/6
26020	INITIAL SURVEY	60 days		Thu 30/6/16	Sun 28/8/16	Thu 30/6/16	Sun 28/8/16	430SS	100%	0 days	433,432	1 million
26030	TREE SURVEY + 5 DAY DELAY (INCLEMENT WEATHER) IN AUG 2016	135 days	10 days	Mon 29/8/16	Tue 10/1/17	Mon 29/8/16	Tue 10/1/17	431	100%	0 days	433	
26040	TREE FELLING/TRANSPLANTING AND SITE	250 days	5 days	Fri 6/1/17	Tue 12/9/17	Fri 6/1/17	Tue 12/9/17	432,431	100%	0 days	437SS+55 days	
26050	CLEARANCE UTILITIES DIVERSION WORKS (CLP & TOWN GAS)	420 days	10 days	Thu 2/3/17	Wed 25/4/18	Thu 2/3/17	Wed 25/4/18		100%	0 days		
26080	CLP (LIAISON	420 days	the second se	Thu 2/3/17	Wed 25/4/18	Thu 2/3/17	Wed 25/4/18	437SS	100%	0 days	436SS	
26090	TOWN GAS	420 days	1.16.20.20.00	Thu 2/3/17	Wed 25/4/18	Thu 2/3/17	Wed 25/4/18	435SS	100%	0 days		>
26091	INSPECTION PITS TO IDENTIFY CLP CABLES & GAS MAINS	560 days	0 day	Thu 2/3/17	Wed 12/9/18	Thu 2/3/17	Wed 12/9/18	433SS+55 days	100%	0 days	435SS	
26101	COST SAVINGS DESIGN OF BRIDGE B & RW42 &	625 days	1 days	Sun 29/10/17	Mon 15/7/19	Sun 29/10/17	NA		90%	382 days	439	
26111	APPROVAL BRIDGE B CSD- SUBSTRUCTURE	77 days	4 days	Tue 16/7/19	Mon 30/9/19	NA	NA	438	0%	382 days	440	
26121	BRIDGE B CSD - SUPERSTRUCTURE		1 days	Tue 1/10/19	Sat 30/11/19	NA	NA	439	0%		442FS-140 days,441FS-30 days	
26131 26180	RW42 CSD - SITE FORMATION WORKS EARTHWORKS AND DRAINAGE WORKS	81 days 200 days	5 days	Fri 1/11/19 Sun 14/7/19	Mon 20/1/20 Wed 29/1/20	NA	NA	440FS-30 days 440FS-140 days	0% 0%	382 days		
26181	CE-153 DESIGN & ASSOCIATED CIVIL PROVISION	441 days		Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NA	304SS	90%	413 days 401 days	447 444,445	
	WORKS FOR LED LIGHTING IN PORTION F & N (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting								8555			
26182	CE-153 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION F & N (ASSOCIATED CIVIL PROVISION WORKS) + SKJV NCE No. 327 - Late Approval of Street Lighting Design	100 days	0 day	Mon 1/7/19	Tue 8/10/19	NA	NA	443	0%	511 days	446	
26183	including Lengthy Time in Installation of LED Lighting ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16	210 days	0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	443	0%	401 days	446	
26184	wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY	40 days	0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	445,444	0%	401 days	448	
26190	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD	25 days	730547	Thu 30/1/20	Sun 23/2/20	NA	NA	442,441	0%	413 days		
06104	MARKING & TRAFFIC AIDS)		5.	Cal 7/0/00	Ed 20/2/20	NA	NA	446 447	064	1255		
26191	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	100	0 day	Sat 7/3/20	Fri 20/3/20	NA	NA	446,447	0%	401 days		
26210	PORTION N - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day	Fri 20/3/20	Fri 20/3/20	NA	NA	448	0%	401 days	452	
26220	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Sat 16/11/19	Sat 16/11/19	NA	NA	23	0%	1011 days		
26221	W2 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P2, P4 AND P5 (ASSUMED 30 days) TIME SAVINGS EFFECT (-77 days)	0 days	0 day	Sun 1/9/19	Sun 1/9/19	NA	NA	24	0%	1088 days		
20030	W2 - PLANNED COMPLETION DATE WITH CE & NCE EFFECT UP TO PROG DATE	0 days	0 day	Sun 25/4/21	Sun 25/4/21	NA	NA	344,364,400,426,310,449	0%	0 days	645,698,25	
	SECTION W3 (PORTION K & J1)	1376		Thu 30/6/16	6 Sun 5/4/20	Thu 30/6/16	NA		78%	870 days		-
0010	STARTING DATE OF CONTRACT	days 0 days	0 day	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	255	100%	0 days	456	▶ 30/6
1000	PORTION K (CH KW 1+360 - CH KW 2+070)	1376 days	i i	Thu 30/6/16	Sun 5/4/20	Thu 30/6/16	NA		77%	0 days		
1010	POSSESION OF SITE	0 days		Thu 30/6/16	Thu 30/6/16	Thu 30/6/16		454			458SS,457SS	30/6
1020	APPLICATION AND OBTAIN APPROVAL FROM MTRC FOR WORKS AT RPA	180 days	0 day	Thu 30/6/16	Mon 26/12/16	Thu 30/6/16	Mon 26/12/16	456SS	100%	0 days		P2000000000000000000000000000000000000
1030	INITIAL SURVEY (+ 8 DAY DELAY IN AUG & SEP 16)	128 days	2 days	Thu 30/6/16	Fri 4/11/16	Thu 30/6/16	Fri 4/11/16	456SS	100%	0 days	460,459,463	- Management -
1040 1050	TREE SURVEY TREE FELLING/TRANSPLANTING AND SITE	28 days 90 days		Thu 28/7/16 Thu 25/8/16	Wed 24/8/16 Tue 22/11/16	Thu 28/7/16 Thu 25/8/16	Wed 24/8/16 Tue 22/11/16	458 459,458			460 466	*
1060	CLEARANCE UTILITIES DIVERSION WORKS (CLP)	60 days		Sat 26/8/17	Tue 24/10/17	Sat 26/8/17	Tue 24/10/17			0 days		
1070	CLP	60 days			Tue 24/10/17	Sat 26/8/17		467SS+90 days		0 days		
1100	GROUND INVESTIGATION WORKS (4 NOS. BOREHOLES & TRIAL PITS + 12 DAYS DELAY IN AUG, SED & OCT 16	80 days		Sat 5/11/16	Mon 23/1/17	Sat 5/11/16		458			466,464SS,465	
1110	SEP & OCT 16 SUBMISSION AND APPROVAL OF MONITORING	21 days	2 days	Mon 12/9/16	Sun 2/10/16	Mon 12/9/16	Sun 2/10/16	463SS	100%	0 days	466	
1120	PROPOSAL INSTALLATION OF MONITORING MARKERS	21 days		Tue 24/1/17	Mon 13/2/17	Tue 24/1/17	Mon 13/2/17	463			466	
1130	RW 29C (66m) (+SKJV NCE No.89 - Additional Bay 0 to RW29C)	252 days	/ oays	Tue 14/2/17	Mon 23/10/17	Tue 14/2/17	Mon 23/10/17	460,463,465,464	100%		467SS+103 days,468SS+103 days,470	
1140	RW 29B (50m)	195 days			Fri 8/12/17	Sun 28/5/17	Fri 8/12/17	466SS+103 days		0 days	462SS+90 days,470,469	
	RW 29A (90m) RW 27 (90m) - CSD	240 days 30 days		Sun 28/5/17 Thu 22/2/18	Mon 22/1/18 Fri 23/3/18	Sun 28/5/17 Thu 22/2/18		466SS+103 days 470,467,468		0 days 4 0 days	469,471	→ → → → → → → → → → → → → → → → → → →
31160				- THE MARKET IN		Sat 9/12/17		467,466	10010	- onlyo		

REMARK: ALL SUNDAYS AND HO	LIDAYS ARE INCLUDE	D IN THIS PROGRA	MME						10					
	Milestone	•	External Tasks		Inactive Milestone	0	Duration-only		Start-only	C	Critical Split			
	Split		Project Summary	A	Inactive Task	[Manual Task	1	Manual Summary		Critical		Deadline	S
	Task		Summary		External Milestone	•	Inactive Summary	00	Manual Summary Rollup		Finish-only	3	Progress	-

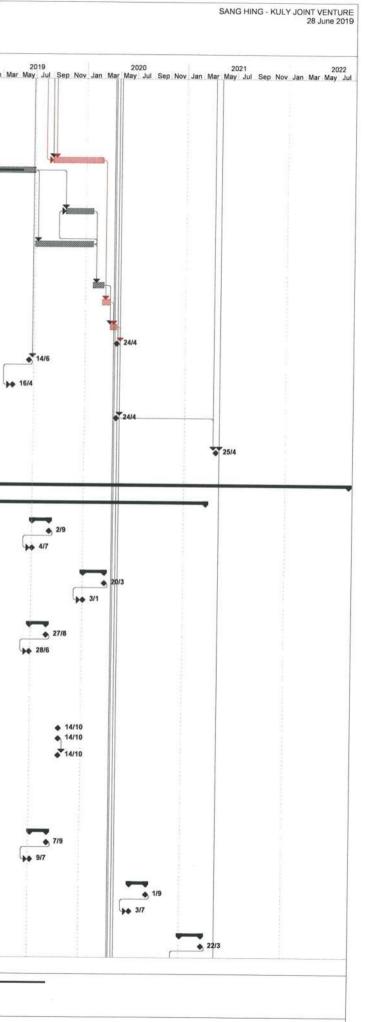
2019 2020 Mar May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar May Jul -×13/3 16/11 1/9 4.555 The second -T • 16/11 ▲ 1/9 25/4 _

Activity ID			Allowance (days)	Early Start	Early Finish	Actual Start		Predecessors	Comple		Successors	2016 2017 2018 2019 2020 2021 May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar
231180	EARTHWORKS AND DRAINAGE WORKS (+ SKJV NCE No.90 - Additional 170m Dward Walls, Revised Alignment CT/FP and Maint. Access between CH KW1+580 to 1+910)	298 days		Tue 23/1/18	Fri 16/11/18	Tue 23/1/18	Fri 16/11/18	468	100%	0 days	476	ney en op not sen mer mer op tot op not sen mer mer ver op not sen mer mer ver op not sen mer mer sen op not sen mer mer ver op not sen mer ver ver ver ver ver ver ver ver ver v
31181	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION A TO D, K & L (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including Lengthly Time in Installation of LED Lighting	441 days	0 day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	NA	304SS	90%	0 days	473,474	
1182	CE-100 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LICHTING IN PORTION A TO D, K & L (ASSOCIATED CIVIL PROVISION WORKS)	100 days	0 day	Mon 1/7/19	Tue 8/10/19	NA	NA	472	0%	110 days	475	
183	ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction)	210 days	0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	472	0%	0 days	475	
184	INSTALLATION OF LED STREET LIGHTING BY OTHERS	40 days	0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	474,473	0%	0 days	477	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1190	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	190 days	21 days	Sat 17/11/18	Sat 25/5/19	NA	NA	471	0%	286 days	477	
1191	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	30 days	0 day	Sat 7/3/20	Sun 5/4/20	NA	NA	476,475	0%	0 days	482,485	
2000	PORTION J1	1316 days		Sun 28/8/16		Sun 28/8/16	NA			870 days		
2010 2020	POSSESION OF SITE (J1) INITIAL SURVEY	0 days 45 days		Sun 28/8/16 Mon 29/8/16	Sun 28/8/16 Wed 12/10/16	Sun 28/8/16 Mon 29/8/16	Sun 28/8/16 Wed 12/10/16	610FS+60 days 479SS		0 days 0 days	480SS 481	28/8
030	SITE INVESTIGATION	90 days			Tue 10/1/17	Thu 13/10/16	Tue 10/1/17	480		0 days	485	
2031	PORTION K - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day	Sun 5/4/20	Sun 5/4/20	NA	NA	477	0%	870 days		● 5/4
032	W3 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE	0 days	0 day	Thu 30/5/19	Thu 30/5/19	NA	NA	33	0%	1181 days		↓ 30/5
2033	W3 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P3 TIME SAVINGS	0 days	0 day	Mon 1/4/19	Mon 1/4/19	NA	NA	34	0%	1241 days		₹ 1/4
040	EFFECT (-60 days) W3 - PLANNED COMPLETION DATE OF WORKS WITH CE / NCE EFFECT UP TO THIS PROG DATE	0 days	0 day	Sun 5/4/20	Sun 5/4/20	NA	NA	481,477	0%	0 days	702,645,35	** 514
0050 1465	SECTION W4 PUBLIC TOILET W4 (PORTION L) - LATEST REVISED COMPLETION DATE	630 days 1 day		Thu 30/6/16 Wed 21/3/18	Wed 21/3/18 Wed 21/3/18	Thu 30/6/16 Wed 21/3/18	Wed 21/3/18 Wed 21/3/18		100%	0 days 0 days		
480	W4 - COMPLETION DATE OF WORKS WITH CE / NCE EFFECT DUE TO INCLEMENT WEATHER & OTHERS ISSUE	0 days	0 day	Wed 21/3/18	Wed 21/3/18	Wed 21/3/18	Wed 21/3/18	535	100%	0 days	706,645,41	• 21/3
0000	SECTION W5 (PORTION M)	1371 days		Thu 30/6/16	Tue 31/3/20	Thu 30/6/16	NA		77%	875 days	5	
010	STARTING DATE OF CONTRACT APPLICATION OF EXCAVATION PERMIT		0 day 0 day	Thu 30/6/16 Thu 30/6/16		Thu 30/6/16 Thu 30/6/16	Thu 30/6/16 Fri 27/10/17	2SS 2SS	100% 100%	the second s	542SS 551	*
1000	PORTION M (BRIDGE E)	1371 days		Thu 30/6/16	Tue 31/3/20	Thu 30/6/16	NA		74%	0 days		
1010	POSSESION OF SITE	0 days			Thu 30/6/16	Thu 30/6/16	Thu 30/6/16	539SS	100%		543SS,546SS,544SS	-b
020 030	INITIAL SURVEY TREE SURVEY	63 days 28 days		Thu 30/6/16 Thu 30/6/16	Wed 31/8/16 Wed 27/7/16	Thu 30/6/16 Thu 30/6/16	Wed 31/8/16 Wed 27/7/16		100% 100%		549 545	
040	TREE FELLING/TRANSPLANTING AND SITE CLEARANCE	491 days			Thu 30/11/17	Thu 28/7/16	Thu 30/11/17				549SS+10 days	
050	PREPARATION TDMP FOR PRE-DRILLING WORKS	45 days	4 days	Thu 30/6/16	Sat 13/8/16	Thu 30/6/16	Sat 13/8/16	542SS	100%	0 days	547	
060	APPROVAL OF TDMP FOR PRE-DRILLING WORKS BY	14 days	2 days	Sun 14/8/16	Sat 27/8/16	Sun 14/8/16	Sat 27/8/16	546	100%	0 days	548	¥
070	SUPERVISOR/DSD STARTING DATE OF DRY SEASON	0 days		Tue 1/11/16		Tue 1/11/16	Tue 1/11/16		100%	0 days	549	X 1/11
080	TEMPORARY DRAINAGE WORKS PRE-DRILLING WORKS FOR PILES AT GRID 2	30 days	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		Wed 30/11/16 Wed 7/12/16	Tue 1/11/16 Thu 1/12/16	Wed 30/11/16 Wed 7/12/16	548,543,545SS+10 days			550 551	
100	PRE-DRILLING WORKS FOR PILES AT GRID 2 PRE-DRILLING WORKS FOR PILES AT GRID 3	7 days 7 days			Sat 21/1/17	Sun 15/1/17		550,540	100%		552,553FS+7 days	
110	PRE-DRILLING WORKS FOR PILES AT GRID 1	7 days	10-10-10-10-10-10-10-10-10-10-10-10-10-1		Tue 7/3/17	Wed 1/3/17		551	100%		the second se	
20	REMOVAL OF TEMPORARY DRAINAGE WORK	24 days		Wed 8/3/17	Fri 31/3/17	Wed 8/3/17	Fri 31/3/17	551FS+7 days	100%		554	
130 140	END DATE OF DRY SEASON SUBMISSION, APPROVAL, PROCURE AND DELIVERY OF BEARINGS AND MOVEMENT JOINTS	0 days 450 days			Fri 31/3/17 Sat 26/1/19	Fri 31/3/17 Fri 3/11/17		553 554FS+216 days	100% 100%		555FS+216 days,556 572	*31/3
50	PREPARATION OF TDMP FOR PILING WORKS	36 days			Sat 6/5/17	Sat 1/4/17		554	100%		557	
60	APPROVAL OF TDMP FOR PILING WORKS BY SUPERVISOR/DSD	87 days	2 days	Sun 7/5/17	Tue 1/8/17	Sun 7/5/17	Tue 1/8/17	556	100%	0 days	558	
170 180	STARTING DATE OF DRY SEASON TEMPORARY DRAINAGE WORKS	1 day		Wed 1/11/17 Wed 1/11/17	Wed 1/11/17 Wed 15/11/17	Wed 1/11/17 Wed 1/11/17	Wed 1/11/17 Wed 15/11/17				559,586SS+30 days	
190	PILING WORKS AT GRID 2	15 days 25 days		Thu 16/11/17		Thu 16/11/17	Sun 10/12/17				560,561 562,563,576	
20 25	PILING WORKS AT GRID 3 PILE LOAD TEST	25 days		Thu 16/11/17		Thu 16/11/17	Sun 10/12/17		100%	0 days	562,563	
25 !30	PILE CAP CONSTRUCTION	50 days 90 days		Mon 11/12/17 Mon 11/12/17		Mon 11/12/17 Mon 11/12/17	Mon 29/1/18 Sat 10/3/18	560,561			564FS+18 days 564	
240	REMOVAL OF TEMPORARY DRAINAGE WORK	21 days	222.202.002		Sat 31/3/18	Sun 11/3/18		562FS+18 days,563	100%	0 days	565	
250	END DATE OF DRY SEASON IMPLEMENTATION OF TTA AT GRID 1	0 days 14 days	1211 C 2		Sat 31/3/18 Tue 14/11/17	Sat 31/3/18 Wed 1/11/17	Sat 31/3/18 Tue 14/11/17	564	100% 100%	0 days 0 days	567	● 31/3 ₩
252	CE-068 - EXCAVATION OF INSPECTION TRENCH AND CE-069 - FORMING AN OPENING AT EXISTING RETAINING WALL FOR PILING WORKS OF P2A, P4A AND P6A IN BRIDGE E	28 days	10 million 1	Wed 8/11/17			Tue 5/12/17	566	100%		568	
255	PILING WORKS AT GRID 1	72 days			Thu 15/2/18		Thu 15/2/18		100%		569	
260	PILE LOAD TEST AT GRID 1 (+ DELAY DUE TO SKJV NCE No.84 - SUSPENSION OF TENSION LOADING TEST)	28 days	/ days	Fri 16/2/18	Thu 15/3/18	Fri 16/2/18	Thu 15/3/18	568	100%	0 days	570	
	Task	Summary		-	External I			Inactive Summary	0	0	Manual Summary Rollup	
	Split	Project Su	mmary	0	Inactive T	ask		Manual Task		C.A. San and C.	Manual Summary	Critical Deadline &
	Milestone •	External Ta	and in		Inactive N	ilestone 🗠		Duration-only			Start-only E	Critical Split

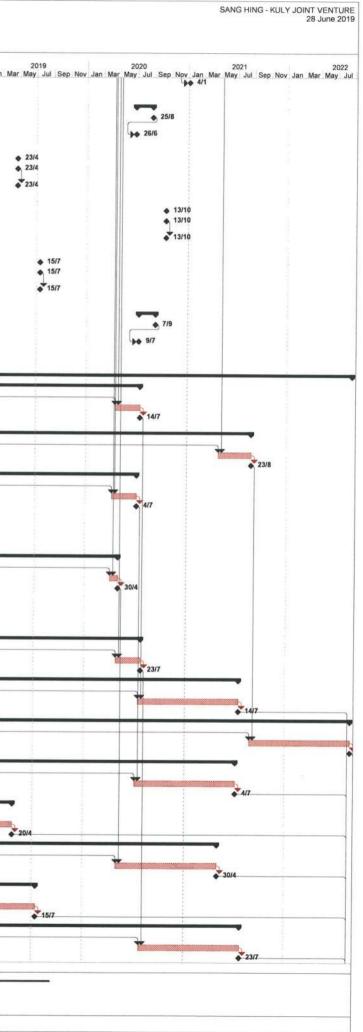
251390 260000 SE 270000 SE 270010	PILE CAP & COLUMN AT GRID 1 RAMP & RETAINING WALL AT GRID 1 INSTALLAION OF MJ DRAINAGE & ROADWORKS AT GRID 1 STARTING DATE OF DRY SEASON TEMPORARY DRAINAGE WORKS PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NOE NS 215 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E & SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STELL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE NO. 98) + SKJV NCE NO. 175 Delay OF WATERMAIN Diversion OWARS IN RW30A, NCE NO. 182 - TIMMING OF Existing Bend Block OF Watermain & NCE NO. 283 Diversion of Watermain IN RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE NO. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO.327 - Late APPROVAL) + SKJV NCE NORKS FOR LED STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - LATE APPROVAL) + SKJV NCE NORKS FOR LED STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - LATE APPROVAL) + SKJV NCE NORKS FOR LED STR	7 days 34 days 140 days 4 days	2 days 0 day 4 days 0 day 2 days 2 days 2 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day 0 day	Fri 16/3/18 Wed 30/1/19 Sat 25/5/19 Sat 3/8/19 Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Sat 28/12/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Wed 27/3/19 Sun 31/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19	Fri 16/3/18 Wed 30/1/19 Sat 25/5/19 Sat 3/8/19 Thu 1/11/18 Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Tue 29/1/19 Fri 24/5/19 NA NA Thu 1/11/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA NA NA NA NA NA	560 575,576 577	100% 100% 50% 100% 100% 100% 100% 100% 0% 0% 0% 0% 0% 0% 72%	0 days 30 days 137 days 0 days 0 days 0 days 0 days 0 days 121 days 0 days	571 573 592 575 587,577,586 577 578,583 579,583,580 585 582 583,580FS-100 days 584 585 582	may: JUI Sep	Nov Jan Mar May	Jui Sep Nov Ja	
251285 251300 251300 251305 251315 251320 251330 251330 251331 251341 251342 251342 251344 251360 251361 251362 251365 251365 251365 251365 251370 251371 251385 251390 251390 271000 5 271000	INSTALLAION OF MJ DRAINAGE & ROADWORKS AT GRID 1 STARTING DATE OF DRY SEASON TEMPORARY DRAINAGE WORKS PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E SKJV WO.5 5. ROOFING SYSTEM IF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Trimming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE -165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO.327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting Lengthy Time in Installation of LED LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGHTING BY OTHERS SKJV NCE NO. 327 - LATE APPROVAL I OF STRUED OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - LATE APPROVAL I DESIGN INCLOATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	70 days 60 days 1 day 7 days 34 days 140 days 1 day 150 days 185 days 30 days 120 days 60 days 289 days 200 days 441 days 100 days	0 day 4 days 0 day 2 days 2 days 2 days 2 days 0 day 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day 0 day 0 day 0 day 0 days 0 day 0 day 0 day 0 days 0 day 0 day	Sat 25/5/19 Sat 3/8/19 Thu 1/11/18 Thu 1/11/18 Thu 28/11/18 Thu 28/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Fri 2/8/19 Tue 1/10/19 Thu 1/1/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Sat 25/5/19 Sat 3/8/19 Thu 1/11/18 Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA NA Thu 1/11/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA NA NA Sun 26/5/19	555 572 574 560 575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	0% 50% 100% 100% 100% 100% 70% 0% 0% 0% 0% 0% 72%	30 days 137 days 0 days 0 days 0 days 0 days 0 days 0 days 121 days 0 days	592 575 587,577,586 577 578,583 579,583,580 585 582 583,580FS-100 days 584 585 592 592				
251290 251300 251305 251315 251310 251315 251320 251330 251331 251341 251342 251343 251344 251360 251361 251362 251363 251364 251365 251365 251370 251371 251385 251390 251390 251390 271000	DRAINAGE & ROADWORKS AT GRID 1 STARTING DATE OF DRY SEASON TEMPORARY DRAINAGE WORKS PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKUV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E & SKUV NCE No. 215 - ROOFING SYSTEM OF BRIDGE E SUBMISSION OF SHOP DRAWING AND APROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Timming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE -165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBSISION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LID LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	60 days 1 day 7 days 34 days 140 days 4 days 1 day 150 days 185 days 30 days 120 days 60 days 289 days 200 days 441 days 100 days 210 days	4 days 0 day 2 days 2 days 10 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day 0 day 2 days 0 day 0 day	Sat 3/8/19 Thu 1/11/18 Thu 1/11/18 Thu 1/11/18 Thu 28/3/19 Sun 31/3/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Tue 1/10/19 Thu 1/11/18 Wed 7/11/18 Wed 27/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Sat 3/8/19 Thu 1/11/18 Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Mon 11/12/17 NA NA NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA Thu 1/11/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA NA Sun 26/5/19	572 574 560 575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	50% 100% 100% 100% 100% 100% 70% 0% 0% 0% 0% 0% 72%	137 days O days	592 575 587,577,586 577 578,583 579,583,580 585 582 583,580FS-100 days 584 585 592 592				
251300 251305 251310 251315 251320 251331 251341 251342 251343 251344 251360 251362 251362 251365 251365 251366 251370 251370 251385 251385 251390 251390 251390 251390 251390	STARTING DATE OF DRY SEASON TEMPORARY DRAINAGE WORKS PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV KOE NO. 215 - ROOFING SYSTEM IF BRIDGE E & SKJV EW NO.55 - ROOFING SYSTEM IF BRIDGE E E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE NO. 98) + SKJV NCE NO. 175 Delay of Watermain Diversion Works in RW30A, NCE NO. 182 - Timming of Existing Bend Block of Watermain & NCE NO. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE NO. 98) CE 165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO. 387 CE 165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO. 327 - Late Approval of Street Lighting Design including Lengthly Time in Installation of LED Lighting CE 165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting TO WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	1 day 7 days 34 days 140 days 4 days 1 day 150 days 185 days 30 days 120 days 60 days 289 days 200 days 441 days 100 days	0 day 2 days 2 days 10 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day	Thu 1/11/18 Thu 1/11/18 Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Sat 28/12/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Thu 1/11/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Thu 1/11/18 Thu 1/11/18 Mon 11/12/17 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Thu 1/11/18 Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA NA Sun 26/5/19	574 560 575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	100% 100% 100% 100% 70% 0% 0% 0% 0% 0% 72%	0 days 0 days 0 days 0 days 0 days 0 days 121 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	575 587,577,586 577,583 579,583,580 585 582 583,580FS-100 days 584 585 585 592 592				
251305 251310 251320 251320 251331 251341 251342 251343 251344 251360 251362 251365 251365 251366 251366 251370 251370 251370 251390 251390 251390 251390 251390	TEMPORARY DRAINAGE WORKS PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP: SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE NO. 98) SKJV NCE NO. 175 DELAY OW Diversion Works in RW30A, NCE NO. 182 - Trimming of Existing Bend Block of Watermain & NCE NO. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE NO. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO. 327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting Lengthy Time in Installation of LED Lighting ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING IN SUSUE OF WORKS ORDER FOR STREET LIGHTING IN SUSUE OF WORKS ORDER FOR STREET LIGHTING IN DORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN SUSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	7 days 34 days 140 days 1 day 150 days 185 days 30 days 120 days 60 days 289 days 200 days 441 days 100 days 210 days	2 days 2 days 10 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day	Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Jun 28/3/19 Sun 31/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Sat 28/12/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Thu 1/11/18 Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Wed 7/11/18 Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA Sun 26/5/19	560 575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	100% 100% 100% 100% 70% 0% 0% 0% 0% 0% 72%	0 days 0 days 0 days 0 days 0 days 121 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	587,577,586 577 578,583 579,583,580 585 582 583,580FS-100 days 584 585 585 592 592				
251310 251315 251320 251330 251331 251341 251342 251344 251360 251361 251362 251363 251364 251365 251365 251365 251370 251371 251385 251390 251390 251390 251390 251390	PIER AT GRID 2 BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM IF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Trimming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE NO. 175 Delay of Watermain Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE -165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting Lengthy Time in Installation of LED LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	34 days 140 days 4 days 1 day 150 days 185 days 30 days 120 days 60 days 289 days 289 days 200 days 441 days 100 days 210 days	2 days 10 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day	Mon 11/12/17 Thu &/11/18 Thu 28/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 17/19 Tue 29/10/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Mon 11/12/17 Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Sat 13/1/18 Wed 27/3/19 Sun 31/3/19 NA NA NA NA NA NA NA Sun 26/5/19	560 575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	100% 100% 100% 70% 0% 0% 0% 0% 72%	0 days 0 days 0 days 0 days 121 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	577 578,583 579,583,580 585 582 583,580FS-100 days 584 585 592 592				
251315 251320 251330 251331 251341 251342 251343 251344 251360 251361 251362 251363 251364 251365 251365 251370 251371 251385 251390 251390 251390 251390 251390 251390	BRIDGE DECK CONSTRUCTION REMOVAL OF TEMPORARY DRAINAGE WORK END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM OF BRIDGE E SUBMISSION OF SHOP DRAWING AND APROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Timming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE -165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (16 wh for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	140 days 4 days 1 day 150 days 185 days 30 days 120 days 60 days 50 days 289 days 200 days 441 days 100 days 210 days	10 days 2 days 0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day 0 day	Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Wed 27/3/19 Sun 31/3/19 Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Thu 8/11/18 Thu 28/3/19 Sun 31/3/19 Mon 1/4/19 NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Wed 27/3/19 Sun 31/3/19 Sun 31/3/19 NA NA NA NA NA NA Sun 26/5/19	575,576 577 578 578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575	100% 100% 100% 70% 0% 0% 0% 0% 72%	0 days 0 days 0 days 121 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	578,583 579,583,580 585 582 583,580FS-100 days 584 585 592 592				
251330 251331 251341 251342 251343 251344 251360 251362 251362 251365 251365 251366 251366 251370 251370 251390 251390 251390 251390 251390 251390 251390 251390	END DATE OF DRY SEASON INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM OF BRIDGE E SKJV EW No.55 - ROOFING SYSTEM OF BRIDGE E SKJV EW No.55 - ROOFING SYSTEM OF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE NO.98) + SKJV NCE NO. 175 Delay of Watermain Diversion Works in RW30A, NCE NO. 182 - Trimming of Existing Bend Block of Watermain & NCE NO. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE NO.98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting (SE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE NO.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING & ISSUE OF WORKS ORDER FOR STREET LIGHTING & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	1 day 150 days 185 days 30 days 120 days 60 days 289 days 200 days 441 days 100 days 210 days	0 day 0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day	Sun 31/3/19 Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Sun 31/3/19 Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Sun 31/3/19 Mon 1/4/19 NA NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	Sun 31/3/19 NA NA NA NA NA NA Sun 26/5/19	578 578,582FS-100 days 581 578,577,582 583 580,584 5585S+30 days,575 575	100% 70% 0% 0% 0% 0% 72%	0 days 121 days 0 days 0 days 0 days 0 days 0 days 153 days	585 582 583,580FS-100 days 584 585 592 592				
251331 251341 251342 251343 251344 251360 251361 251362 251363 251364 251365 251365 251366 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390	INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM IF BRIDGE E & SKJV EW No.55 - ROOFING SYSTEM OF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Trimming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE NO. 175 Delay of Watermain Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE -165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS ORDER FOR STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGD LIGN what for Purchasing LED LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of LIGN WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - LATE APPROVAL OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	150 days 185 days 30 days 120 days 60 days 289 days 289 days 200 days 441 days 100 days 210 days	0 day 0 day 5 days 4 days 0 day 0 day 0 day 0 day	Mon 1/4/19 Wed 28/11/18 Sat 1/6/19 Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Wed 28/8/19 Fri 31/5/19 Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Mon 1/4/19 NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA NA NA NA NA Sun 26/5/19	578,582FS-100 days 581 578,577,582 583 580,584 558SS+30 days,575 575	70% 0% 0% 0% 0% 72%	121 days 0 days 0 days 0 days 0 days 0 days 153 days	582 583,580FS-100 days 584 585 592 592				
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251342 251343 251360 251361 251362 251363 251364 251365 251365 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390	NCE ISSUES FOR INSTALLATION OF ROOFING TOP : SKJV NCE No. 215 - ROOFING SYSTEM OF BRIDGE E SKJV EW No.55 - ROOFING SYSTEM OF BRIDGE E SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE NO.98) + SKJV NCE NO. 175 Delay of Watermain Diversion Works in RW30A, NCE NO. 182 - Trimming of Existing Bend Block of Watermain & NCE NO. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE NO.98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APROVAL) + SKJV NCE NO.327 - Late Approval of Street Lighting Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APROVAL) + SKJV NCE NO.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	30 days 120 days 60 days 289 days 200 days 441 days 100 days 210 days	5 days 4 days 0 day 0 day 0 day 0 day	Sat 1/6/19 Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Sun 30/6/19 Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	NA NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA NA NA NA Sun 26/5/19	578,577,582 583 580,584 558SS+30 days,575 575	0% 0% 0% 72%	0 days 0 days 0 days 0 days 153 days	583,580FS-100 days 584 585 592 592				
251343 251344 251360 251361 251362 251363 251364 251365 251366 251370 251370 251385 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390	SUBMISSION OF SHOP DRAWING AND APPROVAL ORDER & MANUFACTURING OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 INSTALLATION OF STEEL STRUCTURAL ROOF ON BRIDGE DECK AT GRID 1 & 3 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE No. 98) + SKJV NCE No. 175 Delay of Watermain Diversion Works in RW30A, NCE No. 182 - Trimming of Existing Bend Block of Watermain & NCE No. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING IN SUBJEOF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE NO. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	120 days 60 days 50 days 289 days 200 days 441 days 100 days 210 days	4 days 0 day 0 day 0 day 0 day	Mon 1/7/19 Tue 29/10/19 Sat 28/12/19 Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Mon 28/10/19 Fri 27/12/19 Sat 15/2/20 Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	NA NA Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA NA NA NA Sun 26/5/19	578,577,582 583 580,584 558SS+30 days,575 575	0% 0% 72% 100%	0 days 0 days 0 days 153 days	584 585 592 592		a na ser a ser		
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251361 251362 251363 251364 251365 251365 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390 251390	 RAILING, DRAINAGE & E&M WORKS ADDITION OF RETAINING WALL RW30A (SKJV NCE N0. 98) + SKJV NCE N0. 175 Delay of Watermain Diversion Works in RW30A, NCE N0. 182 - Trimming of Existing Bend Block of Watermain & NCE N0. 283 Diversion of Watermain in RW30A ADDITION OF RETAINING WALL RW30B (SKJV NCE N0. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE N0. 327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS OR DED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS OR DED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE N0. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS POR LED STREET LIGHTING BY OTHERS POR LED STREET LIGHTING BY OTHERS POR LIGHTING AS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS) 	289 days 200 days 441 days 100 days 210 days	0 day 0 day 0 day 0 day	Sat 1/12/18 Thu 8/11/18 Mon 16/4/18 Mon 1/7/19	Sun 15/9/19 Sun 26/5/19 Sun 30/6/19	Sat 1/12/18 Thu 8/11/18 Mon 16/4/18	NA Sun 26/5/19	558SS+30 days,575 575	72%	153 days	592				
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251363 251364 251365 251366 251370 251370 251385 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390	ADDITION OF RETAINING WALL RW30B (SKJV NCE No. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	441 days 100 days 210 days	0 day 0 day	Mon 16/4/18 Mon 1/7/19	Sun 30/6/19	Mon 16/4/18				0 days	592		1		
251364 251365 251366 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390	No. 98) CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including Lengthly Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wf for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	441 days 100 days 210 days	0 day 0 day	Mon 16/4/18 Mon 1/7/19	Sun 30/6/19	Mon 16/4/18									
251364 251365 251366 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390	WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKUV NCE No.327 - Late Approval of Street Lighting Design including Lengthy Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKUV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	100 days 210 days	0 day	Mon 1/7/19			NA	304SS					8.4		
251365 251366 251370 251371 251385 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390 251390	WORKS FOR LED STREET LIGHTING IN PORTION J & M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	210 days			Tue 8/10/19				90%	0 days	589,590				
251366 251370 251371 251385 251390 251390 251390 260000 SE 270000 SE 270000 SE 270000 SE	WORKS ORDER FOR STREET LIGHTING BY OTHERS + SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16 wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)		0 day	Mon 1/7/19		NA	NA	588	0%	110 days	591				
251370 251371 251385 251390 251390 251390 260000 SE 270000 SE 270010	OTHERS ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	40 days			Sun 26/1/20	NA	NA	588	0%	0 days	591				
251371 251385 251390 251390 260000 SE 270000 SE 270010	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)		0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	589,590	0%	0 days	593		1.1		
251385 251390 251390 260000 SE 270000 SE 270010	COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS	20 days		Sun 16/2/20	Fri 6/3/20	NA	NA	573,587,586,585	0%	0 days	593				
251385 251390 251390 260000 SE 270000 SE 270010		25 days	0 day	Sat 7/3/20	Tue 31/3/20	NA	NA	592,591	0%	0 days	594				
251390 260000 SE 270000 SE 270010 271000	PORTION M - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	 	10000000000000000000000000000000000000		Tue 31/3/20	NA	NA	593	0%	10000000000000000000000000000000000000	596				
251390 260000 SE 270000 SE 270010 1 271000 1	W5 - LATEST REVISED COMPLETION DATE IN THIS	0 days	0 day	Wed 11/9/19	Wed 11/9/19	NA	NA	47	0%	1077 days					
260000 SE 270000 SE 270010 SE 271000 SE	PROG DATE W5 - PLANNED COMPLETION DATE WITH CE & NCE EFFECT	0 days	0 day	Tue 31/3/20	Tue 31/3/20	NA	NA	594	0%	0 days	48,710,645				
270010 271000	SECTION W6 (PORTION P) SECTION W7 (PORTION J1, J2 & J3)	716 days 1395 days		Thu 30/6/16 Thu 30/6/16		Thu 30/6/16 Thu 30/6/16	Fri 15/6/18		100% 73%	0 days 851 days		=			
271000	STARTING DATE OF CONTRACT			Thu 30/6/16		Thu 30/6/16	Thu 30/6/16	200		5					
	PORTION J2, J3	0 days			Fri 24/4/20	Tue 7/3/17	NA	255	100%		479FS+60 days,613FS+250 days,612	₩ 30/6			
271010	PORTION 32, 33	1145 Udys		Tue //3/1/	FII 24/4/20	100 115/11	NA		73%	0 days				I	
	INSTRUCTION TO EXECISE	0 days	0 day	Tue 7/3/17	Tue 7/3/17	Tue 7/3/17	Tue 7/3/17	610	100%	0 days	613SS,614SS		7/3		
271020	POSSESSION OF SITE (J2, J3)	0 days		Tue 7/3/17	Tue 7/3/17	Tue 7/3/17	Tue 7/3/17	612SS,610FS+250 days	100%		615FS+200 days,616SS,617SS		7/3		
271030	APPLICATION OF EXCAVATION PERMIT	200 days		Tue 7/3/17	Fri 22/9/17	Tue 7/3/17	Fri 22/9/17	612SS	100%	0 days	600		•		
271040	CONDITION SURVEY FOR PERMANENT STRUCTURE ADJACENT TO 2 STORIES HEIGHT TEMP. BLDG @ APPROX. CH. K0+900	30 days	z days	Sat 23/9/17	Sun 22/10/17	Sat 23/9/17	Sun 22/10/17	613FS+200 days	100%	0 days	633				
271050	INITIAL SURVEY	190 days	2 dave	Tue 7/3/17	Tue 12/9/17	Tue 7/3/17	Tue 12/9/17	613SS	100%	0 days					
271050	TREE SURVEY	90 days		Tue 7/3/17	Sun 4/6/17	Tue 7/3/17	Sun 4/6/17	613SS	100% 100%	0 days 0 days	618	1	P		
271000	TREE FELLING/TRANSPLANTING AND SITE	200 days		Mon 5/6/17	Thu 21/12/17	Mon 5/6/17	Thu 21/12/17		100%		620,623FS-50 days		Personal		
	CLEARANCE	Loo duya							10076	a abya	or o, or or or or or unys]	
271072	UTILITIES DIVERSION WORKS (CLP, WSD)	90 days			Wed 21/3/18	Fri 22/12/17	Wed 21/3/18		100%	0 days			1		
271074	CLP	90 days		Fri 22/12/17	Wed 21/3/18	Fri 22/12/17	Wed 21/3/18	618	100%		621SS		3		
271076 271080	WSD RW 46 + SKJV NCE No. 190 - Amendment of	90 days		Fri 22/12/17 Sun 21/1/18	Wed 21/3/18 Sat 3/8/19	Fri 22/12/17 Sun 21/1/18	Wed 21/3/18 NA	620SS	100%	0 days	629001215 days 62400-250		8		
	Arrangement of Bay 0	560 days	, days			Sul 21/1/18		623SS+80 days	90%		628SS+215 days,624SS+250 days,634			P	
271090	RW 47 - CSD	640 days (101540 Teles		Sat 3/8/19	Thu 2/11/17	NA	618FS-50 days	90%	30 days	622SS+80 days,634			4	
271100	RW 48 + 5KJV NCE No 192 - Revised Details of RW + NCE No.219 Existing 132kV Cables and Joint Box at Castle Peak Road in Conflict with Construction Works + NCE No. 226 Trial Pits Excavation & Torodial Cable Detection + NCE No. 384 Revised Details of RW	460 days	5 days	Fri 28/9/18	Tue 31/12/19	Fri 28/9/18	NA	622SS+250 days	90%	0 days	634FS-120 days				
271110	RW24A + SKJV NCE No. 346 Revised Details of RW RW24A + SKJV NCE No. 146 - Revised Bay 1 & 2 and Additional Bay 3 to Bay 6 + NCE No. 171 - Reinforcement and Const. Details + NCE No. 177 - Bay 1 to 3 as Obstructed by Existing Utilities + NCE No. 202 - Additional Bay 1A + NCE No.278 Suspension in Const.	330 days 2	2 days	Mon 8/10/18	Mon 2/9/19	Mon 8/10/18	NA	628SS+15 days	80%	0 days	634				
271120	RW 24B	90 days 2			Tue 9/7/19	NA	NA		0%	1	627		1		
271130	RW 24C + SKJV NCE No. 307 - Additional Retaining Wall RW24C, Box Culvert DBA and Drainage System	124 days	7 days	Wed 10/7/19	Sun 10/11/19	Wed 10/7/19	NA	626	0%	0 days	634FS-69 days				
271140	RW24C, Box Culvert D8A and Drainage System RW 25 + SKJV NCE No.147 - Revised Setting Out + NCE No.194 - Backfilling using Filter Type A between SP and	280 days 7	7 days	Fri 24/8/18	Thu 30/5/19	Fri 24/8/18	Thu 30/5/19	622SS+215 days	100%		625SS+15 days,630SS,632SS+30 days,629				
		215 days		Fri 31/5/19	Tue 31/12/19	NA	NA	628	0%		634FS-120 days				
	RW + NCE No.231 - Exacavation of Trial Pits RW24AA AND ADDITIONAL DRAINAGE ; NCE 389				External	Milestone 0	,	Inactive Summary	V	U.			sh-only	3	Progress
	RW + NCE No.231 - Exacavation of Trial Pits	Summary	nmary	(J	Inactive			Indulive Summindry			Manual Summary Rollup	Finis			
	RW + NCE No.231 - Exacavation of Trial Pits RW24AA AND ADDITIONAL DRAINAGE ; NCE 389	Summary Project Sun						Manual Task	-	_	Manual Summary Rollup	Finis Critic		-	Deadline



REMAR	K: ALL	SUNDAYS	AND HOLIDAYS ARE INCLUDED IN THIS PROGRAM	MME									13				
			Milestone •	External Tas			Inactive T			Manual Task Duration-only			Manual Summary Start-only	C C	Critical Critical Split		Deadline 🐥
			Task Split	Summary Project Sum	imary E	-	External M				0	0	Manual Summary Rollup		Finish-only	Э	Progress -
672 673		1	CTION W9B REVISED COMPLETION DATE UP TO THIS PROG JATE	77 days 0 days			Mon 22/3/21 Mon 22/3/21	NA NA	NA NA			520 days 520 days 6	74FS-77 days				
671	300251		REVISED COMPLETION DATE (INCLUDING CSD TIME SAVING EFFECT) UP TO THIS PROG DATE	0 days	Fr	ri 3/7/20	Fri 3/7/20	NA	NA	670FS-60 days (0% 7	782 days					
670			REVISED COMPLETION DATE UP TO THIS PROG	0 days	Tu	ue 1/9/20	Tue 1/9/20	NA	NA			722 days 722 days 6	71FS-60 days				
	300230	SE	CTION W9A	60 days	Fr	ri 3/7/20	Tue 1/9/20	NA	NA		0% :	722 dave					
668	300221		DATE REVISED COMPLETION DATE (INCLUDING CSD TIME SAVING EFFECT) UP TO THIS PROG DATE	0 days	Т		Tue 9/7/19	NA				1142 days	oor oor udys	- 1			
	300200 300211		CTION W8G REVISED COMPLETION DATE UP TO THIS PROG	60 days 0 days			Sat 7/9/19 Sat 7/9/19	NA NA	NA			1082 days	68FS-60 days				
			SAVING EFFECT) UP TO THIS PROG DATE	1 day	S	un 1/7/18	Sun 1/7/18	Sun 1/7/18	Sun 1/7/18	664	100%	0 days					i*
	300181 300191		REVISED COMPLETION DATE UP TO THIS PROG DATE REVISED COMPLETION DATE (INCLUDING CSD TIME	1 day			Sun 1/7/18	Sun 1/7/18	Sun 1/7/18		100%	0 days (665				Ч
	300170	SE	CTION W8F	1 day	S	un 1/7/18	Sun 1/7/18	Sun 1/7/18	Sun 1/7/18		100%	0 days					
662	300161		DATE REVISED COMPLETION DATE (INCLUDING CSD TIME SAVING EFFECT) UP TO THIS PROG DATE	0 days			Mon 14/10/19	NA	NA			1045 days					
	300140 300151		CTION WEE REVISED COMPLETION DATE UP TO THIS PROG	0 days 0 days			Mon 14/10/19 Mon 14/10/19	NA NA	NA			1045 days 1045 days	362		1		
	300131		REVISED COMPLETION DATE (INCLUDING CSD TIME SAVING EFFECT) UP TO THIS PROG DATE	1 day	N	Mon 23/4/18	Mon 23/4/18	Mon 23/4/18	Mon 23/4/18	658	100%	0 days					 +
	300121		REVISED COMPLETION DATE UP TO THIS PROG DATE	1 day	N	Mon 23/4/18	Mon 23/4/18	Mon 23/4/18	Mon 23/4/18 Mon 23/4/18			0 days 0 days	659				5
657	300110	SI	SAVING EFFECT) UP TO THIS PROG DATE	1 day		Mon 23/4/18	Mon 23/4/18	Mon 23/4/18	Mon 23/4/18					. 1			
	300101		DATE REVISED COMPLETION DATE (INCLUDING CSD TIME	0 days			Tue 27/8/19 Fri 28/6/19	NA	NA		0%	1093 days 1153 days	656FS-60 days				
	300080		ECTION W8C REVISED COMPLETION DATE UP TO THIS PROG	60 days 0 days		Fri 28/6/19 Tue 27/8/19	Tue 27/8/19	NA	NA		0%	1093 days					
653	300071		REVISED COMPLETION DATE (INCLUDING CSD TIME SAVING EFFECT) UP TO THIS PROG DATE	0 days	F	Fri 3/1/20	Fri 3/1/20	NA	NA	652FS-77 days	0%	964 days					
652	300061	1	REVISED COMPLETION DATE UP TO THIS PROG DATE	0 days		Fri 3/1/20 Fri 20/3/20	Fri 20/3/20 Fri 20/3/20	NA NA	NA		0% 0%	887 days 887 days	653FS-77 days				
651	300050) s	SAVING EFFECT) UP TO THIS PROG DATE	77 days													
	30004		DATE REVISED COMPLETION DATE (INCLUDING CSD TIME	0 days		Thu 4/7/19	Thu 4/7/19	NA	NA	649FS-60 days	0% 0%	1087 days 1147 days	650FS-60 days				
- indication -	30002 30003	0 S	REVISED COMPLETION DATE UP TO THIS PROG	60 days 0 days		Thu 4/7/19 Mon 2/9/19	Mon 2/9/19 Mon 2/9/19	NA	NA		0%	1087 days					
647	30001	0 ACC	ESS DATES AND COMPLETION DATES FOR TRACTS	1064 days		Mon 23/4/18	Mon 22/3/21	Mon 23/4/18			99%	0 days 520 days					
646	30000	0 LANDS	CAPING SOFTWORKS AND ESTABLISHMENT WORK	2246 days		Thu 30/6/16	Tue 23/8/22	Thu 30/6/16	NA		0%	0 dave					
645	20001		TION W1 TO W7 - PLANNED COMPLETION DATE WITH & NCE EFFECT	0 days	0 day	Sun 25/4/21	Sun 25/4/21	NA	NA	608,537,485,452,235,644,	5 0%	485 days					
			FFECT								- 10	U Juys	-10,04,110				
644	27121	5 V	V7 - PLANNED COMPLETION DATE WITH CE & NCE	0 days	0 day	Fri 24/4/20	Fri 24/4/20	NA	NA	641	0%	0 days	645,62,718				
643	27121	F	N7 - LATEST REVISED COMPLETION DATE IN THIS PROG DATE WITH CSD PACKAGE P1 TIME SAVINGS FFECT (-60 days)	0 days	0 day	Tue 16/4/19	Tue 16/4/19	NA	NA	642FS-60 days	0%	1226 days					
		1	PROG DATE	0 days	0 day	Fri 14/6/19	Fri 14/6/19	NA	NA	60	0%	1166 days	643FS-60 days				
104000	27120		PORTON J2/J3 - PLANNED COMPLETION DATE WITH CE & NCE EFFECT V7 - LATEST REVISED COMPLETION DATE IN THIS			Fri 24/4/20	Fri 24/4/20	NA	NA	640	0%	0 days	644				
	27120		COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS		0 day	Tue 31/3/20	Fri 24/4/20	NA	NA	639,638	0%	0 days	641				
639	2712	00	ROAD WORKS (EXCEPT COLOUR DRESSING, ROAD MARKING & TRAFFIC AIDS)	30 days	7 days	Sun 1/3/20	Mon 30/3/20	NA	NA	634	0%	0 days	640				
638	2711	94	wk for Purchasing LED Lighting after HyD's Instruction) INSTALLATION OF LED STREET LIGHTING BY OTHERS	40 days	0 day	Mon 27/1/20	Fri 6/3/20	NA	NA	637,636	0%	24 days	640				
			WORKS ORDER FOR STREET LIGHTING BY OTHERS SKJV NCE No. 327 - Late Approval of Lighting Design including Lengthy Time in Installation of LED Lighting (*16	+		nar en introdici 1476		25.57			576	24 days	638,636FS-100 days				
63	7 2711	93	M (ASSOCIATED CIVIL PROVISION WORKS) ALLOCATION WARRANT, QUOTATION & ISSUE OF	210 days	0 day	Mon 1/7/19	Sun 26/1/20	NA	NA	635	0%	24 days	638 63650 100				
63	8 2711	92	Lengthly Time in Installation of LED Lighting CE-165 DESIGN & ASSOCIATED CIVIL PROVISION WORKS FOR LED STREET LIGHTING IN PORTION J &	100 days	0 day	Sat 19/10/19	Sun 26/1/20	NA	NA	635,637FS-100 days	0%	24 days	638				
		nait)	WORKS FOR LED STREET LIGHTING IN PORTION J & M (DESIGN SUBMISSION & APPROVAL) + SKJV NCE No.327 - Late Approval of Street Lighting Design including		o day	Mon 16/4/18	Sun 30/6/19	Mon 16/4/18	8 NA	304SS	90%	24 days	636,637				4
and a first state of the	4 2711 5 2711		CH.KW0+900 EARTHWORKS AND DRAINAGE WORKS CE-165 DESIGN & ASSOCIATED CIVIL PROVISION		10 days	Tue 3/9/19	Sat 29/2/20	NA	NA	629FS-120 days,624FS-	12(0%	0 days	639				
	2 271 3 271		PROVIDE SAFETY ACCESS TO RESIDENT DEMOLITION OF EXISTING STRUCTURE @ APPROX.	21 days 21 days		Sun 23/9/18 Sun 14/10/18	Sat 13/10/18 Sat 3/11/18	Sun 23/9/18 Sun 14/10/1			100% 100%		633				
	1 271		STREAM DECKING D8 + SKJV NCE No.307 - Additional Retaining Wall RW24C and box culvert 8A	62 days	2 days	Sun 2/12/18	Fri 1/2/19	Sun 2/12/18	Fri 1/2/19	630	100%	0 days					
			RW 26 + SKJV NCE No.169 - Using Granular Fill for Backfilling	100 days	2 days	Fri 24/8/18	Sat 1/12/18	Fri 24/8/18	Sat 1/12/18	628SS	100%	0 days	631		may our sep nov san n	nai way Jui Sep Nov Jan	Mar May Jul Sep Nov .
63	0 271	150	DW/26 + SK N/NOE No 100 - 100 - 000 In 5%		Allowance (days)							lete Slack	Successors		2016 May lut See Nov las A	2017 far May Jul Sep Nov Jan	2018
1	D Acti	vity ID Task	Name	Duration	Time Risk	Early Start	Early Finish	Actual Star	Actual Finis	h Predecessors	%	Finish	C				



		Milestone 🔶	External Tas	0.000					Duration-only	-		Manual Summary Start-only C	Critical Critical Sp	olit	Deadline
		Task Split	Summary Project Sum	imary		External M			Inactive Summary Manual Task	0	V	Manual Summary Rollup	Finish-on	у	Progress
10		, BANKED COMPLETION OF SECTION WYG	0 days		Fri 23/7/21 F	ri 23/7/21	NA	NA 7	746	0%	0 days 7	48FS+396 days			
	0550 0560	ESTABLISHMENT WORKS PLANNED COMPLETION OF SECTION W9G	365 days 30	0 days I	Fri 24/7/20 F	ri 23/7/21	NA	NA 7	719,745	0%	0 days 7	47			
10	00540	INSTRUCTION TO EXECISE	1600 days 0 days			ri 23/7/21 Tue 7/3/17	NA	NA NA S	56SS	0% 0%	0 days 1235 days 7	46	1 1	1 7/3	
	0520	PLANNED COMPLETION OF SECTION W9F SECTION W9G	0 days		Mon 15/7/19 M	Non 15/7/19	NA	NA	742	0%	0 days 7	43 48FS+1135 days			
	0510	STARTING DATE OF CONTRACT ESTABLISHMENT WORKS	0 days 365 days 30			'hu 30/6/16 Aon 15/7/19	NA		2SS 715,741	0% 0%		42 43	30/6		*
	00490	SECTION W9F	1111 days		Thu 30/6/16	Non 15/7/19	NA	NA		0%	0 days 7 0 days	tor Street uays			
	00470	ESTABLISHMENT WORKS PLANNED COMPLETION OF SECTION W9E	365 days 3 0 days			Fri 30/4/21 Fri 30/4/21	NA		711,737 738	0% 0%		39 48FS+480 days			
	00460 00470	STARTING DATE OF CONTRACT	0 days		Thu 30/6/16	Thu 30/6/16	NA	NA :	2SS	0%	1401 days 7		30/6	1	
40	00450	SECTION W9E	0 days 1766 days			Sat 20/4/19 Fri 30/4/21	NA	NA	734	0% 0%	0 days 7 0 days	48FS+1221 days			
	00430 00440	ESTABLISHMENT WORKS PLANNED COMPLETION OF SECTION W9D	365 days 3			Sat 20/4/19	NA	NA	707,733	0%	0 days 7	35			₩
10	00420	STARTING DATE OF CONTRACT	0 days			Thu 30/6/16	NA		2SS	0% 0%	0 days 660 days 7	34	30/6		
	00400 0 0410	PLANNED COMPLETION OF SECTION W9C SECTION W9D	0 days 1025 days			Sun 4/7/21 Sat 20/4/19	NA		730	0%	0 days	48FS+415 days			
40	00390	ESTABLISHMENT WORKS	365 days 3			Sun 4/7/21	NA		2SS 703,729	0% 0%	1466 days 7 0 days 7	'30 '31	▶ 30/6		
	00370 00380	SECTION W9C STARTING DATE OF CONTRACT	1831 days 0 days			Sun 4/7/21 Thu 30/6/16	NA	NA	266	0%	0 days		-		
40	00360	PLANNED COMPLETION OF SECTION W9B	0 days		Tue 23/8/22	Tue 23/8/22	NA	NA	725,699	0% 0%	Contractor (Contractor)	727 748			
	00340 00350	STARTING DATE OF CONTRACT ESTABLISHMENT WORKS	0 days 365 days 3			Thu 30/6/16 Tue 23/8/22	NA		2SS 725.699	0%	1881 days		▶ 30/6		
	00330	SECTION W9B	2246 days		Thu 30/6/16	Tue 23/8/22	NA	NA		0%	0 days			1	
	00320	PLANNED COMPLETION OF SECTION W9A	365 days 3 0 days			Wed 14/7/21 Wed 14/7/21	NA		695,721 722	0% 0%		723 748FS+405 days			
	00300 00310	STARTING DATE OF CONTRACT ESTABLISHMENT WORKS	0 days		Thu 30/6/16	Thu 30/6/16	NA	NA	2SS	0%	1476 days		▶● 30/6		
4	00290	SECTION W9A	1841 days			Wed 14/7/21	NA	NA	718	0% 0%	0 days 0 days	746			
1.00	00270 00280	LANDSCAPING SOFTWORKS PLANNED COMPLETION OF SECTION W8G	90 days 7 0 days	7 days		Thu 23/7/20 Thu 23/7/20	NA NA		717,644	0%	0 days	719			
4	00260	INSTRUCTION TO EXECISE	0 days		Tue 7/3/17	Tue 7/3/17	NA	NA	56SS	0% 0%	0 days 1145 days	718		¥ 7/3	
40	00240	PLANNED COMPLETION OF SECTION W8F SECTION W8G	0 days 1235 days			Sun 15/7/18 Thu 23/7/20	NA	NA	714	0%	0 days	742			15/7
4	00230	LANDSCAPING SOFTWORKS	hourse and here and h	3 days		Sun 15/7/18	NA		2SS 713,608	0% 0%		714 715	₩ 30/6		*
	00210	SECTION W8F STARTING DATE OF CONTRACT	746 days 0 days			Sun 15/7/18 Thu 30/6/16	NA	NA	299	0%	0 days				-
4	00200	PLANNED COMPLETION OF SECTION W8E	0 days			Thu 30/4/20 Thu 30/4/20	NA	NA	710	0% 0%		711 738			
	100180 100190	STARTING DATE OF CONTRACT LANDSCAPING SOFTWORKS	0 days 30 days 3	3 days		Thu 30/6/16 Thu 30/4/20	NA NA	NA	2SS 709,596	0%	1371 days		▶ 30/6		
	00170	SECTION WE	1401 days		Thu 30/6/16	Thu 30/4/20	NA	NA		0%	0 days				◆ 20/4
2.5	100160	PLANNED COMPLETION OF SECTION W8D	30 days 3 0 days	3 days		Fri 20/4/18 Fri 20/4/18	NA	NA	537,705 706	0% 0%		707 734			2014
	400140 400150	STARTING DATE OF CONTRACT LANDSCAPING SOFTWORKS	0 days	2 da	Thu 30/6/16	Thu 30/6/16	NA	NA	2SS	0%	630 days	706	30/6		
	100130	SECTION W8D	0 days 660 days			Sat 4/7/20 Fri 20/4/18	NA NA	NA	702	0% 0%	0 days 0 days	730			
4.1	400110 400120	LANDSCAPING SOFTWORKS PLANNED COMPLETION OF SECTION W8C	90 days	7 days		Sat 4/7/20	NA	NA	485,701	0%	0 days	703			
4	400100	STARTING DATE OF CONTRACT	0 days		Thu 30/6/16	Thu 30/6/16	NA	NA	255	0% 0%	0 days 1376 days	702	30/6		
40	400080 400090	PLANNED COMPLETION OF SECTION W8B SECTION W8C	0 days 1466 days		Mon 23/8/21 Thu 30/6/16	Mon 23/8/21 Sat 4/7/20	NA	NA	698	0%	0 days	726			
4	400070	LANDSCAPING SOFTWORKS	120 days	10 days	Mon 26/4/21	Mon 23/8/21	NA	NA	697,452	0%	1761 days 0 days	699	30/6		
-1	400050 400060	SECTION W8B STARTING DATE OF CONTRACT	1881 days 0 days		Thu 30/6/16 Thu 30/6/16	Mon 23/8/21 Thu 30/6/16	NA NA	NA	2SS	0% 0%	0 days	608	2015		
Î			0 days			Tue 14/7/20	NA	NA	694	0%	0 days	722			
-1	400030 400040	LANDSCAPING SOFTWORKS PLANNED COMPLETION OF SECTION W8A	90 days 0 days	7 days		Tue 14/7/20	NA	NA	235,693	0%	0 days	695			
	400020	STARTING DATE OF CONTRACT	0 days		Thu 30/6/16	Thu 30/6/16	NA	NA	2SS	0%	1386 days	694	30/6		
	400010	SECTION W8A	2246 days 1476 days		Thu 30/6/16 Thu 30/6/16	Tue 23/8/22 Tue 14/7/20	NA	NA		0% 0%	0 days 0 days		-		
	400000	PLANNED WORK PROGRAMME	2246 days		Thu 20/6/46	Tue 22/8/22	NA	NA							
		SAVING EFFECT) UP TO THIS PROG DATE							and a second	0.70	. To days				
	300431	DATE REVISED COMPLETION DATE (INCLUDING CSD TIME	1 100 100 100 100 100 100 100 100 100 1		Thu 9/7/20	Thu 9/7/20	NA	NA	688FS-60 days	0%	716 days 776 days	689FS-60 days			
	300410 300421	SECTION W9G REVISED COMPLETION DATE UP TO THIS PROG	60 days 0 days		Thu 9/7/20 Mon 7/9/20	Mon 7/9/20 Mon 7/9/20	NA	NA NA		0%	716 days	689ES 60 dave			
	200410	SAVING EFFECT) UP TO THIS PROG DATE	1.2												
	300401	DATE REVISED COMPLETION DATE (INCLUDING CSD TIME			Mon 15/7/19	Mon 15/7/19	NA	NA	685	0%	1136 days				
	300380 300391	SECTION W9F REVISED COMPLETION DATE UP TO THIS PROG	0 days 0 days		Mon 15/7/19 Mon 15/7/19	Mon 15/7/19 Mon 15/7/19	NA NA	NA		0% 0%	1136 days 1136 days	686			
	200200	SAVING EFFECT) UP TO THIS PROG DATE									Los days				
4	300371	DATE REVISED COMPLETION DATE (INCLUDING CSD TIME				Tue 13/10/20	NA	NA	682	0%	680 days				
	300350 300361	SECTION W9E REVISED COMPLETION DATE UP TO THIS PROG	0 days 0 days		Tue 13/10/20 Tue 13/10/20	Tue 13/10/20 Tue 13/10/20	NA	NA		0% 0%	680 days 680 days	683			
		SAVING EFFECT) UP TO THIS PROG DATE							4.575	\$ 79	1210 04/5				
	300341	DATE REVISED COMPLETION DATE (INCLUDING CSD TIME			Tue 23/4/19	Tue 23/4/19	NA	NA	679	0% 0%	1219 days 1219 days	000			
	300320 300331	SECTION W9D REVISED COMPLETION DATE UP TO THIS PROG	0 days 0 days		Tue 23/4/19 Tue 23/4/19	Tue 23/4/19 Tue 23/4/19	NA	NA NA		0%	1219 days		Î.		
	300311	REVISED COMPLETION DATE (INCLUDING CSD TIMI SAVING EFFECT) UP TO THIS PROG DATE	E 0 days		Fri 26/6/20	Fri 26/6/20	NA	NA	676FS-60 days	0%	789 days				
	300301	REVISED COMPLETION DATE UP TO THIS PROG DATE	0 days		Tue 25/8/20	Tue 25/8/20	NA	NA		0%	729 days	677FS-60 days			
	300290	SECTION W9C	60 days		Fri 26/6/20	Tue 25/8/20	NA	NA		0%	729 days				
		SAVING EFFECT) UP TO THIS PROG DATE	E 0 days		Mon 4/1/21	Mon 4/1/21	NA	NA	673FS-77 days	0%	597 days		indy our oup no	v Jan Mar May Jul Sep Nov Ja	
ł	300281	REVISED COMPLETION DATE (INCLUDING CSD TIM		(days)									May Jul Sen No	an Mar May Jul Can New Ja	in Mar May Jul Se



ID Activity ID Task Name	Duration	Time Risk Allowance (days)	Early Start	Early Finish	Actual Start	Actual Finish	Predecessors	% Comp	Finish blete Slack	Successors	2016 20 May Jul Sep Nov Jan Mar May)17 Jul Seo Nov Ja	2018 In Mar May Jul Sen Nov Ja	2019 n Mar May Jul Seo Nov	2020	2021	2022
748 400560 PLANNED COMPLETION OF OVERALL ESTABLISHMENT WORKS	0 days		Tue 23/8/22	Tue 23/8/22	NA	NA	727,735FS+1221 days,731FS+415	0%	0 days		may our cop nov our mar may		an may sur sep nov sa	in Mai May Sui Sep Nov	Jan war way Jul Sep wov	Jan war way Jul Sep	Nov Jan Mar May J

Task		Summary		External Milestone	•	Inactive Summary	Q	Manual Summary Rollup		Finish-only	з	Progress	_
Split		Project Summary	00	Inactive Task	(Manual Task		Manual Summary		Critical	Corner 1	Deadline	S
Milestone	•	External Tasks		Inactive Milestone	0	Duration-only		Start-only	C	Critical Split			

SANG HING - KULY JOINT VENTURE 28 June 2019

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APPENDIX B ACTION AND LIMIT LEVELS FOR NOISE

Appendix B - Action and Limit Levels

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received	75 dB(A) 70dB(A)/65dB(A)*

Table B-1Action and Limit Levels for Construction Noise

Remarks: 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. *70dB(A) and 65dB(A) for schools during normal teaching periods and school examination periods, respectively.

APPENDIX C COPIES OF CALIBRATION CERTIFICATES



WELLAB LIMITED Rms 816, 1516 & 1701, Technology Park, 18 On Lai Street, Shatin, N.T, Hong Kong. Tel: 2898 7388 Fax: 2898 7076 Website: www.wellab.com.hk

TEST REPORT

APPLICANT: Cinotech Consultants Limited Room 1710, Technology Park, 18 On Lai Street, Shatin, NT, Hong Kong

Test Report No.:	C/N/171213/2
Date of Issue:	2018-12-13
Date Received:	2018-12-12
Date Tested:	2018-12-12
Date Completed:	2018-12-13
Next Due Date:	2019-12-12
Page:	1 of 1

Certificate of Calibration

Item for calibration:

Description	: 'SVANTEK' Integrating Sound Level Meter
Manufacturer	: SVANTEK
Model No.	: SVAN 979
Serial No.	: 27190
Microphone No.	: 167465
Equipment No.	: SN-01-02
Test conditions:	
Room Temperatre	: 22 degree Celsius
Relative Humidity	: 58 %

Methodology:

The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard(s) and instrument(s) which are recommended by the manufacturer, or equivalent.

Results:

Sound Pressure Level (1KHz)	Measured SPL	Tolerance
At 94.0 SPL	94.0	94.0 ± 0.1dB
At 114.0 SPL	114.0	114.0 ± 0.1dB

PREPARED AND CHECKED BY: For and On Behalf of **WELLAB Ltd.**

PATRICK TSE Laboratory Manager



Calibration Certificate

0022524

Customer : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T. Hong Kong		Object 1 : BSWA 308 SLM Serial No. /Ref. No. : 570183 / 550233 Object 2 : Serial No. /Ref. No. :
Customer Code : SVEC09005		Manufacturer : BSWAtech
Date of calibration: Date of the recommended re-calibration:	23/09/2019 23/09/2020	Certificate No.:0022524Handle by:E0002

Measuring results

	Reference value	Indication value	Deviation	Allowed deviation	Object
Γ	94.0dB	94.0dB	0.0dB	+/- 1.5dB	1
F	114.0dB	114.0dB	0.0dB	+/- 1.5dB	1

Measuring equipment

index	Calibrator / Master	Traceability	
1	Master Sound Meter, SVAN949, sn:8571	IEC61672	
2	Sound Calibrator, SV30A sn:32580	IEC60942	

Ambient conditions

Temperature (20...26)°C

Humidity (20...60)%RH

Measuring procedure

Calibrated by Type 1 Sound Calibrator with Master Sound Level Meter under 1kHz Frequency.

Uncertainty

+/- 0.2 dB for probability not less than 95%.

Conformity

1. The resulted values were those obtained at the time of test and applies only to the item calibrated.

2. The measurement uncertainty was calculated according to the regulations of GUM with the coverage factor k=2 and contains

the uncertainty of the measuring procedure and the uncertainty of the measuring system.

3. The equipment being used in this calibration are regularly calibrated by laboratory according to ISO/IEC17025.

4.HKAS has accredited this laboratory (HOKLAS 267) for specific calibration activities as listed in the HOKLAS directory of accredited laboratories.

5. The calibrations certificate may not be reproduced.

Measured value(s) within the allowable deviation.	
Performed by	Approved by
Calibration Technician	Quality Manager



Calibration Certificate

0022999

			the second se
Customer : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T. Hong Kong		Object 1 :SVAN957 SLMSerial No. /Ref. No. :23851 / N-08-12Object 2 :MicrophoneSerial No. /Ref. No. :43676	
Customer Code : SVEC09005		Manufacturer : Svantek	
Date of calibration: Date of the recommended re-calibration:	19/12/2019 19/12/2020	Certificate No.: 0022999 Handle by: E0002	

Measuring results

	Reference value	Indication value	Deviation	Allowed deviation	Object	
Г	94.0dB	94.0dB	0.0dB	+/- 1.5dB	1	
	114.0dB	114.0dB	0.0dB	+/- 1.5dB	1	

Measuring equipment

index	Calibrator / Master	Traceability
1	Master Sound Meter, SVAN949,sn:8571	IEC61672
2	Sound Calibrator, SV30A sn:32580	IEC60942

Ambient conditions

Temperature (20...26)°C

Humidity (20...60)%RH

Measuring procedure

Calibrated by Type 1 Sound Calibrator with Master Sound Level Meter under 1kHz Frequency.

Uncertainty

+/- 0.2 dB for probability not less than 95%.

Conformity

1. The resulted values were those obtained at the time of test and applies only to the item calibrated.

2.The measurement uncertainty was calculated according to the regulations of GUM with the coverage factor k=2 and contains

the uncertainty of the measuring procedure and the uncertainty of the measuring system.

3. The equipment being used in this calibration are regularly calibrated by laboratory according to ISO/IEC17025.

4.HKAS has accredited this laboratory (HOKLAS 267) for specific calibration activities as listed in the HOKLAS directory of accredited laboratories.

5. The calibrations certificate may not be reproduced.

Measured value(s) within the allowable deviation.	
Performed by	Approved by
Calibration Technician	Quality Manager



Calibration Certificate

0023002

Customer : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T. Hong Kong	Object 1 :SV30A sound calibratorSerial No. /Ref. No. :10965 / N-09-02Object 2 :Serial No. /Ref. No. :
Customer Code : SVEC09005	Manufacturer : Svantek
Date of calibration:19/12/2019Date of the recommended re-calibration:19/12/2020	Certificate No.: 0023002 Handle by: E0002

Measuring results

	Reference value	Indication value	Deviation	Allowed deviation	Object
Γ	94.0dB	93.9dB	-0.1dB	+/- 0.3dB	1
Γ	114.0dB	114.2dB	+0.2dB	+/- 0.3dB	1

Measuring equipment

index	Calibrator / Master	Traceability		
1	Master Sound Meter, SVAN949,sn:8571	IEC61672		
2	Sound Calibrator, SV30A sn:32580	IEC60942		

Ambient conditions

Temperature (20...26)°C

Humidity (20...60)%RH

Measuring procedure

Calibrated by Type 1 Sound Level Meter and 1kHz Sound Source .

Uncertainty

+/- 0.2 dB for probability not less than 95%.

Conformity

1. The resulted values were those obtained at the time of test and applies only to the item calibrated.

2. The measurement uncertainty was calculated according to the regulations of GUM with the coverage factor k=2 and contains

the uncertainty of the measuring procedure and the uncertainty of the measuring system.

3. The equipment being used in this calibration are regularly calibrated by laboratory according to ISO/IEC17025.

4.HKAS has accredited this laboratory (HOKLAS 267) for specific calibration activities as listed in the HOKLAS directory of accredited laboratories.

5. The calibrations certificate may not be reproduced.

Measured value(s) within the allowable deviation.	
Performed by	Approved by
Calibration Technician	Quality Manager

APPENDIX D ENVIRONMENTAL MONITORING SCHEDULES

Agreement No. CE 67/2015 (HY) Cycle Tracks from Tuen Mun to Sheung Shui - Remaining Works - Design and Construction Impact Noise Monitoring Schedule (December 2019)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1-Dec	2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec
		Noise				
8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	13-Dec	14-Dec
		Noise				
15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	20-Dec	21-Dec
		Noise				
22-Dec	23-Dec	24-Dec	25-Dec	26-Dec	27-Dec	28-Dec
		Noise				
29-Dec	30-Dec	31-Dec	1-Jan	2-Jan	3-Jan	4-Jan
		Noise				

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

Noise Monitoring Station

- N1 HKMLC Wong Chan Sook Ying Memorial School
- N2 Bethel High School
- N3 No. 159 Mai Po San Tsuen
- N5 Dills Corner Garden Block 2
- N6 Home of Loving Faithfulness
- N7 Village House in Shek Wu Wai

Agreement No. CE 67/2015 (HY) Cycle Tracks from Tuen Mun to Sheung Shui - Remaining Works - Design and Construction Tentative Impact Noise Monitoring Schedule (January 2020)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1-Jan	2-Jan	3-Jan	4-Jan
5-Jan	6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan
		Noise				
12-Jan	13-Jan	14-Jan	15-Jan	16-Jan	17-Jan	18-Jan
		Noise				
19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan
19 000	20 Jul	21 541	22 Juli	25 541	21341	25 541
		Noise				
26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	1 E-b
20-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	1-Feb
			Noise			

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

Noise Monitoring Station

- N1 HKMLC Wong Chan Sook Ying Memorial School
- N2 Bethel High School
- N3 No. 159 Mai Po San Tsuen
- N5 Dills Corner Garden Block 2
- N6 Home of Loving Faithfulness
- N7 Village House in Shek Wu Wai

APPENDIX E NOISE MONITORING RESULTS AND GRAPHICAL PRESENTATIONS

Appendix E - Noise Monitoring Results

(0700-1900 hrs on Normal Weekdays)

N1 - HKMLC Wong Chan Sook Ying Memorial School									
				Unit: dB (A) (30-min)					
			Me	asured Noise L	evel	Level	Construction Noise Level		
Date	Time	Weather	L eq	L10	L 90	Leq	Leq		
03/12/2019	9:00	Sunny	54.2	57.4	50.5		54.2 measured \leq Baseline		
10/12/2019	9:00	Fine	52.7	54.5	50.6		52.7 measured ≦ Baseline		
17/12/2019	9:00	Sunny	54.5	58.3	52.2	62.2	54.5 measured \leq Baseline		
24/12/2019	11:20	Sunny	57.5	60.6	48.6]	57.5 measured \leq Baseline		
31/12/2019	9:00	Cloudy	55.3	57.4	50.4		55.3 measured \leq Baseline		

N2 - Bethel High School

N2 - Bethel High School									
			Unit: dB (A) (30-min)						
			Measured Noise Level			Level	Construction Noise Level		
Date	Time	Weather	L eq	L10	L 90	Leq	Leq		
03/12/2019	10:00	Sunny	60.7	63.5	56.9		59.3		
10/12/2019	10:30	Fine	57.6	62.2	54.1		53.9		
17/12/2019	10:00	Sunny	62.4	65.2	60.1	55.2	61.5		
24/12/2019	13:30	Sunny	59.0	61.2	54.8		56.7		
31/12/2019	10:00	Cloudy	59.4	62.1	56.1		57.3		

N3 - No.159 Mai Po San Tsuen

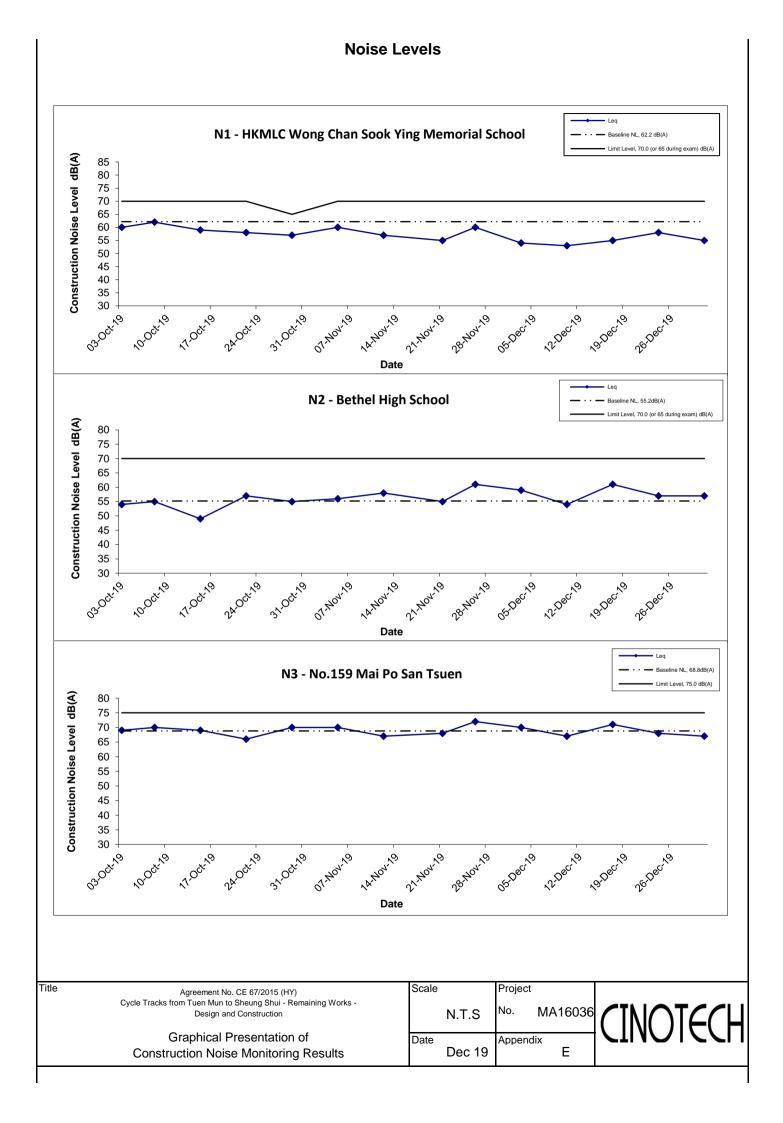
			Unit: dB (A) (30-min)						
			Measured Noise Level			Level	Construction Noise Level		
Date	Time	Weather	L eq	L10	L 90	Leq	Leq		
03/12/2019	13:00	Sunny	72.4	74.8	67.2		69.9		
10/12/2019	13:00	Fine	71.0	74.5	68.2		67.0		
17/12/2019	13:00	Sunny	72.9	74.4	69.3	68.8	70.8		
24/12/2019	15:04	Sunny	71.4	73.9	67.4		67.9		
31/12/2019	13:00	Cloudy	71.1	73.9	67.9		67.2		

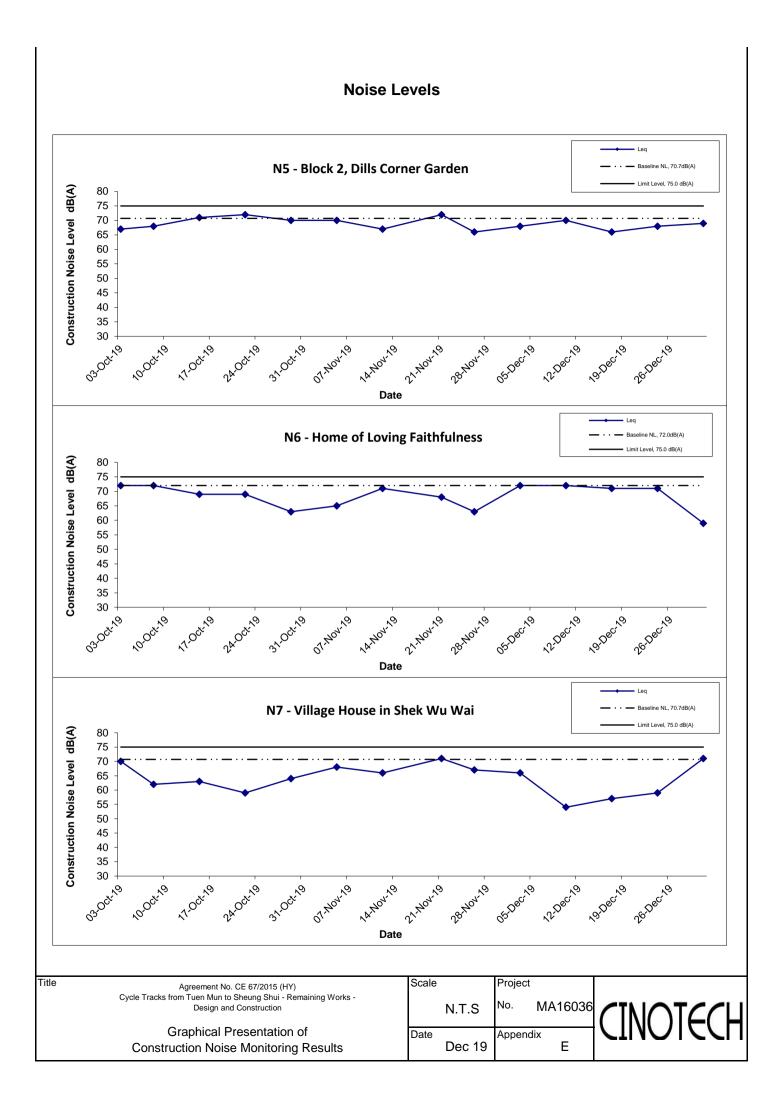
N5 - Block 2, Dills Corner Garden

			Unit: dB (A) (30-min)				
			Me	Measured Noise Level			Construction Noise Level
Date	Time	Weather	L eq	L10	L 90	Leq	Leq
03/12/2019	15:00	Sunny	72.6	75.2	70.4		68.1
10/12/2019	15:00	Fine	73.2	74.9	70.3		69.6
17/12/2019	15:00	Sunny	72.0	74.5	67.3	70.7	66.1
24/12/2019	16:11	Sunny	72.4	75.0	68.1		67.5
31/12/2019	15:00	Cloudy	72.8	75.6	69.1		68.6

N6 - Home of Loving Faithfulness										
			Unit: dB (A) (30-min)							
			Mea	Measured Noise Level			Construction Noise Level			
Date	Time	Weather	L eq	L10	L 90	Leq	Leq			
03/12/2019	16:00	Sunny	72.0	74.8	69.3		72 measured ≦ Baseline			
10/12/2019	16:00	Fine	71.6	74.5	69.3		71.6 measured ≦ Baseline			
17/12/2019	15:45	Sunny	71.2	73.9	68.2	72.0	71.2 measured ≦ Baseline			
24/12/2019	17:00	Sunny	71.3	74.6	68.2		71.3 measured ≦ Baseline			
31/12/2019	16:00	Cloudy	72.2	75.0	69.3		58.7			

N7 - Village House in Shek Wu Wai									
			Unit: dB (A) (30-min)						
			Mea	Measured Noise Level			Construction Noise Level		
Date	Time	Weather	L eq	L10	L 90	Leq	Leq		
03/12/2019	14:00	Sunny	71.9	73.8	66.8		65.7		
10/12/2019	14:00	Fine	70.8	72.9	68.5		54.4		
17/12/2019	14:00	Sunny	70.9	72.6	68.1	70.7	57.4		
24/12/2019	14:00	Sunny	71.0	73.4	67.3		59.2		
31/12/2019	14:00	Cloudy	70.5	73.4	68.1		70.5 measured \leq Baseline		





APPENDIX F SUMMARY OF EXCEEDANCE

Appendix F – Summary of Exceedance

Exceedance Report for Contract No. YL/2015/01 – Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

(A) Exceedance Report for Construction Noise (NIL in the reporting month)

APPENDIX G SITE AUDIT SUMMARY

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

Inspection Information		
Checklist Reference Number	191205	
Date	5 December 2019 (Thursday)	
Time	09:45 - 12:00	

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
191023-R2	Stockpile of dusty materials should be covered or kept wet at Portion D.	C7
191106-R1	• Stockpile of dusty materials should be covered by impervious materials to prevent dust generation at Portion I.	C7
191120-R2	• Stockpile of dusty materials should be covered at Subway A.	C7
191205-R2	• The public road around the sire entrance should be kept cleaned; the wheels of site vehicles should be washed before leaving the site area at Portion J.	C8
	D. Construction Noise Impact	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
191205-R1	Accumulation of construction waste should be avoided at Portion J.	E4
	F. Ecology and Fisheries	
	No environmental deficiency was identified during site inspection.	
	G. Landscape & Visual	
	No environmental deficiency was identified during site inspection.	
	H. Permits/Licences	
	No environmental deficiency was identified during site inspection.	
	I. Others	
	Follow up on the previous session (Ref. No: 191127), follow up actions are needed to be reviewed for item 191023-R2, 191106-R1 and 191120-R2.	
	Item 191030-R2 and 191114-R1 were rectified.	

	Name	Signature	Date
Recorded by	Mr. Eric Yan	- tix	5 December 2019
Checked by	Ms. Jennifer Mok	m	5 December 2019

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

Inspection Information		
Checklist Reference Number	191212	
Date	12 December 2019 (Thursday)	
Time	09:45 – 12:00	

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
191023-R2	Stockpile of dusty materials should be covered or kept wet at Portion D.	C7
191120-R2	Stockpile of dusty materials should be covered at Subway A.	C7
191205-R2	• The public road around the sire entrance should be kept cleaned; the wheels of site vehicles	C8
191212-R1	 should be washed before leaving the site area at Portion J. There should be sandbags around the dusty activities to prevent dust emission outside the site 	010
191212-KI	boundary at Subway D.	C12
	D. Construction Noise Impact	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
191205-R1	• Accumulation of construction waste should be avoided at Portion J.	E4
	F. Ecology and Fisheries	
	No environmental deficiency was identified during site inspection.	
	G. Landscape & Visual	
	No environmental deficiency was identified during site inspection.	
	H. Permits/Licences	
	No environmental deficiency was identified during site inspection.	
	I. Others	ł
	Follow up on the previous session (Ref. No: 191205), follow up actions are needed to be reviewed	
	for item 191023-R2, 191120-R2 and 191205-R1&R2.	
	Item 191106-R1 was rectified.	l

	Name	Signature	Date
Recorded by	Mr. Eric Yan	yty	12 December 2019
Checked by	Ms. Betty Choi	Re.	12 December 2019

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

Inspection Information		
Checklist Reference Number	191218	
Date	18 December 2019 (Wednesday)	
Time	09:45 - 12:00	

Ref. No.	Non-Compliance	Related Item No.
	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
191023-R2	Stockpile of dusty materials should be covered or kept wet at Portion D.	C7
191120-R2	Stockpile of dusty materials should be covered at Subway A.	C7
191205-R2	• The public road around the site entrance should be kept cleaned; the wheels of site vehicles should be washed before leaving the site area at Portion J.	C8
191212-R1	• There should be sandbags around the dusty activities to prevent dust emission outside the site boundary at Subway D.	C12
191218-R2	• The public road should be watered or placed sandbags around the site boundary to prevent dust generation at Portion B.	C5
	D. Construction Noise Impact	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
191205-R1	Accumulation of construction waste should be avoided at Portion J.	E4
191218-R1	Accumulation of general refuse should be avoided at Portion B.	E1
191218-R3	 Construction waste should be reused or removed by at Bridge B. 	E4
191218-R4	Rubbish should be disposed properly at Bridge B.	E1
	F. Ecology and Fisheries	
	No environmental deficiency was identified during site inspection.	
	G. Landscape & Visual	
	No environmental deficiency was identified during site inspection.	
	H. Permits/Licences	
	No environmental deficiency was identified during site inspection.	
	I. Others	
	Follow up on the previous session (Ref. No: 191212), follow up actions are needed to be reviewed for item 191023-R2, 191120-R2, 191205-R1&R2 and 191212-R1.	
	No environmental observations improved/rectified during the environmental site inspection.	

	Name	Signature	Date
Recorded by	Mr. Eric Yan	my Cy	18 December 2019
Checked by	Ms. Jennifer Mok	m,	18 December 2019

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

Inspection Information		
Checklist Reference Number	191224	
Date	24 December 2019 (Tuesday)	
Time	09:45 - 12:00	

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
191120-R2	Stockpile of dusty materials should be covered at Subway A.	C7
191212-01	• There should be sandbags around the dusty activities to prevent dust emission outside the site boundary at Subway D.	C3, 12
191224-R2	• Stockpile of dusty materials and exposed earth should be covered or kept wet at Portion D.	C7
	D. Construction Noise Impact	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
91205-R1	Accumulation of construction waste should be avoided at Portion J.	E4
91218-R4	Rubbish should be disposed properly at Bridge B.	E1
91224-R1	• Drip tray should be provided to contain chemicals at Subway A.	E9
	F. Ecology and Fisheries	
	No environmental deficiency was identified during site inspection.	
	G. Landscape & Visual	
	No environmental deficiency was identified during site inspection.	
	H. Permits/Licences	
	No environmental deficiency was identified during site inspection.	
	I. Others	
	Follow up on the previous session (Ref. No: 191218), follow up actions are needed to be reviewed	
	for item 191120-R2, 191212-R1 and 191218-R4.	
	Item 191023-R2, 191205-R1&R2, 191218-R1, R2&R3 were recitiied.	

	Name	Signature	Date
Recorded by	Mr. Eric Yan	- gliz	24 December 2019
Checked by	Ms. Jennifer Mok	Im	24 December 2019

APPENDIX H EVENT AND ACTION PLANS

Appendix H - Event and Action Plans

Event and Action Plan for Construction Noise

EVENT	ACTION					
	ET LEADER	IEC	ER	CONTRACTOR		
Action Level	1. Notify IC(E) and Contractor;	1. Review the analysed results	1. Confirm receipt of	1. Submit noise mitigation		
being	2. Carry out investigation;	submitted by the ET;	notification of failure in	proposals to IC(E);		
exceeded	3. Report the results of investigation to	2. Review the proposed remedial	writing;	2. Implement noise mitigation		
	the IC(E) and Contractor;	measures by the Contractor and	2. Notify Contractor;	proposals.		
	4. Discuss with the Contractor and	advise the ER accordingly;	3. Require Contractor to			
	formulate remedial measures;	3. Supervise the implementation	propose remedial measures			
	5. Increase monitoring frequency to	of remedial measures.	for the analysed noise			
	check mitigation effectiveness.		problem;			
			4. Ensure remedial measures			
			are properly implemented.			
Limit Level	1. Notify IC(E), ER, EPD and	1. Discuss amongst ER, ET, and	1. Confirm receipt of	1. Take immediate action to		
being	Contractor;	Contractor on the potential	notification of failure in	avoid further exceedance;		
exceeded	2. Identify source;	remedial actions;	writing;	2. Submit proposals for remedial		
	3. Repeat measurement to confirm	2. Review Contractor's remedial	2. Notify Contractor;	actions to IC(E) within 3 working		
	findings	actions whenever necessary to	3. Require Contractor to	days of notification;		
	4. Increase monitoring frequency;	assure their effectiveness and	propose remedial measures	3. Implement the agreed		
	5. Carry out analysis of Contractor's	advise the ER accordingly.	for the analysed noise	proposals;		
	working procedures to determine	3. Supervise the implementation	problem;	4. Resubmit proposal if problem		
	possible mitigation to be implemented;	of remedial measures	4. Ensure remedial measures	still not under control;		
	6. Inform IC(E), ER and EPD the		are properly implemented;	5. Stop the relevant portion of		
	causes & actions taken for the		5. If exceedance continues,	works as determined by the ER		
	exceedances;		consider what portion of the	until the exceedance is abated.		

Appendix H - Event and Action Plans

7. Assess	s effectiveness of	work is responsible and	
Contracto	or's remedial actions and	instruct the Contractor to stop	
keep IC(B	E), EPD and ER informed of	that portion of the work until	
the result	s;	the exceedance is abated.	
8. If exce	edance stops, cease		
additiona	I monitoring		

APPENDIX I ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

EIA Ref.	EM&A Ref.	Mitigation Measures	Status		
Construction Air Quality					
S.3.6.2	S.3.2.3	All the dust control measures as recommended in the Air Pollution Control (Construction Dust) Regulation, where applicable, should be implemented. Typical dust control measures include:	Λ		
S.3.6.2	S.3.2.3	• The works area for site clearance shall be sprayed with water before, during and after the operation so as to maintain the entire surface wet	٨		
S.3.6.2	S.3.2.3	• Restricting heights from which materials are to be dropped, as far as practicable to minimize the fugitive dust arising from unloading/ loading	٨		
S.3.6.2	S.3.2.3	• Immediately before leaving a construction site, all vehicles shall be washed to remove any dusty materials from the bodies and wheels. However, all spraying of materials and surfaces should avoid excessive water usage	^		
S.3.6.2	S.3.2.3	• Where a vehicle leaving a construction site is carrying a load of dusty materials, the load shall be covered entirely by clean impervious sheeting to ensure that the dusty materials will not leak from the vehicle	Λ		
S.3.6.2	S.3.2.3	• Travelling speeds should be controlled to reduce traffic induced dust dispersion and re-suspension within the site from the operating haul trucks	٨		
S.3.6.2	S.3.2.3	• Erection of hoarding of not less than 2.4 m high from ground level along the site boundary, where appropriate	Λ		
S.3.6.2	S.3.2.3	• Any stockpile of dusty materials shall be covered entirely by impervious sheeting; and/or placed in an area sheltered on the top and 4 sides	#		
S.3.6.2	S.3.2.3	• All dusty materials shall be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet	#		

Appendix I - Summary	of Implementation	Schedule of Mitigation	Measures for	Construction Phase
I I I I I I I I I I I I I I I I I I I	- I			

EIA Ref.	EM&A Ref.	Mitigation Measures	Status			
Construction 1	Construction Noise Impact					
S5.5.11	S4.2.17 (Stage 1 only)	In order to prevent potential cumulative construction noise impacts to NSRs at Mai Po San Tsuen and Palm Springs, the works at the cycle track section (near CHMP5+100m) are recommended to be scheduled to avoid works at the areas near Castle Peak Road of the Proposed Comprehensive Development at Wo Shang Wai (CDWSW) project if the works site of the CDWSW project is less than 300 m away from Castle Peak Road.	N/A			
S.5.5.14	S.4.2.2 (Stage 1 only)	The contractor shall liaise with the Yuen Long and Kam Tin Sewerage and Sewage Disposal Stage 2 (YLKTSSD2) and North West New Territories Salt Water Supply (NWNTSWS) works contractors so as to avoid undertaking works concurrently with the works when they are in the close proximity as far as practicable. As a conservative approach, works for the cycle track shall be carried out when the works from the other projects are over 300 m away. The requirements shall be included in the works contracts.	N/A			
N/A	N/A (Stage 2 only)	The contractor shall liaise with Yuen Long and Kam Tin Sewerage and Sewage Disposal (YLKSSD), Construction of Cycle Tracks and the associated Supporting Facilities at Nam Sang Wai, Yuen Long (NSWCT), Drainage Improvement at Northern NT - Package A – Drainage Improvement Works in San Tin (Remaining Works) - Investigation, North East New Territories New Development Areas Planning and Engineering Study (Investigation) (NENTNDA) and the Proposed Residential cum Passive Recreational Development within "Recreation" ("REC") zone and "Residential (Group C)" Zone at Various Lots in DD 104, Yuen Long, N.T. (RCPRD) contractors so as to avoid undertaking works concurrently with their works (refer to S. 4.2.2 of the EM&A Manual for Stage 2 Works).	٨			

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
Table 5-7	S.4.2.19	Use of quiet plant (PME):	٨
		- mini excavator	
		- mobile crane	
		- dump truck	
		- hand-held electric circular saw	
		- concrete lorry mixer	
		- lorry	
		- vibratory poker	
		- asphalt paver	
		- crane mounted auger	
		- road roller	
		- road ripper, excavator mounted	
S.5.6.2	S.4.2.19	Noise barrier in the form of site hoarding shall be used for the following PMEs where	٨
Table 5-8		practicable:	
		- mini excavator	
		- mobile crane	
		- dump truck	
		- hand-held electric circular saw	
		- bar bender	
		- vibrating hammer	
		- generator	
		- concrete lorry mixer	
		- lorry	
		- vibratory poker	
		- asphalt paver	
		- compactor	
		- road roller	

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
		 crane mounted auger grout mixer grout pump drill road ripper, excavator mounted 	
S.5.6.2	S.4.2.19	Noise enclosure shall be used for the following PMEs where practicable: - air compressor - hand-held breaker	N/A (1)
S.5.6.2	S.4.2.19	The barrier / enclosure material's surface mass shall be in excess of 7 kg/m^2 .	^
S.5.6.6	S.4.2.19	Use of alternative quieter plant such as road ripper, excavator mounted instead of handheld breaker during levelling/excavation works.	٨
S.5.6.8	S.4.2.19	The Contractor shall adopt the Code of Practice on Good Management Practice to Prevent Violation of the Noise Control Ordinance (Chapter 400) (for Construction Industry) published by EPD	٨
S.5.6.8	S.4.2.19	The Contractor shall observe and comply with the statutory and non-statutory requirements and guidelines	٨
S.5.6.8	S.4.2.19	Before commencing any work, the Contractor shall submit to the project Engineer for approval the method of working, equipment and noise mitigation measures intended to be used at the site	٨
S.5.6.8	S.4.2.19	The Contractor shall devise and execute working methods to minimize the noise impact on the surrounding sensitive uses, and provide experienced personnel with suitable training to ensure that those methods are implemented	٨
S.5.6.8	S.4.2.19	Noisy equipment and noisy activities should be located as far away from the NSRs as is practical	٨

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.5.6.8	S.4.2.19	Unused equipment should be turned off. PME should be kept to a minimum and the parallel use of noisy equipment / machinery should be avoided	٨
S.5.6.8	S.4.2.19	Regular maintenance of all plant and equipment	٨
S.5.6.8	S.4.2.19	Material stockpiles and other structures should be effectively utilised as noise barriers, where practicable	N/A
S.5.6.8	S.4.2.19	The Contractor shall liaise with the schools that are located near the works sites regarding their examination period and schedule the noisy works to avoid the examination period as far as possible.	^

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
Construction	Water Quality		
S.6.6.1	S.5.2.4	Mitigation measures should be implemented to prevent the uncontrolled discharge of wastewater from the construction site in accordance with Practice Note for Professional Persons ProPECC PN1/94 - Construction Site Drainage	^
S.6.6.1	S.5.2.4	Surface run-off from the construction sites will be directed into storm drains via adequately designed wastewater treatment facilities such as sand traps, silt traps and sediment settling basins. This is important for works immediately along the Kam Tin River, Ngau Tam Mei Main Drainage Channel, River Beas and Shek Sheung River	٨
S.6.6.1	S.5.2.4	Channels, earth bunds or sand bag barriers will be provided on-site to properly direct stormwater to the above-mentioned facilities	٨
S.6.6.1	S.5.2.4	Existing silt removal facilities, channels and manholes along roads and pedestrian walkways will be maintained and the deposited silt and grit will be removed regularly, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times	٨
S.6.6.1	S.5.2.4	Other manholes (including any newly constructed ones) will be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system	^
S.6.6.1	S.5.2.4	Open stockpiles of materials on site will be avoided or where unavoidable covered with tarpaulin or similar fabric during rainstorms. Measures will be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system	٨
S.6.6.1	8.5.2.4	Where possible, works entailing soil excavation will be minimized during the rainy season (i.e. April to September);	٨
S.6.6.1	S.5.2.4	Where applicable, final earthworks surfaces/ slopes will be well compacted and hydro-seeded following completion to prevent erosion	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.6.6.1	S.5.2.4	During construction works, chemical toilets will be provided for the use of site staff. These will be provided by a licensed contractor, who will be responsible for appropriate disposal and maintenance of the effluent	٨
S.6.6.1	S.5.2.4	Works adjacent to the fishponds near Mai Po San Tsuen should be avoided as far as possible during the wet season to avoid runoff into the fishponds	٨
S.6.6.1	S.5.2.4	Wastewater from site facilities (such as toilets) should be discharged to foul sewer, where available. Chemical toilets will be considered where there is no foul sewer connection. There is not expected to be a temporary canteen.	^
S.6.6.1	S.5.2.4	All site discharges within Water Control Zones must comply with the terms and conditions of a valid discharge licence issued by EPD	٨
S.6.6.1	S.5.2.4	Vehicle wheel washing facilities should be provided, where applicable, at the site exit such that mud, debris, etc. deposited onto the vehicle wheels or body can be washed off before the vehicles are leaving the site area	٨
S.6.6.1	S.5.2.4	Section of the road between the wheel washing bay and the public road should be paved with backfill to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains	٨
S.6.6.1	S.5.2.4	The project may occasionally involve the handling of fuel and generates chemical wastes. It must be ensured that all fuel tanks and chemical storage are sited on sealed areas and provided with locks	Λ
S.6.6.1	S.5.2.4	The storage areas will be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank to prevent accidentally spilled oil, fuel or chemicals from reaching the receiving waters	#
S.6.6.1	S.5.2.4	Oil and grease removal facilities will be provided where appropriate, for example, in area near plant workshop/ maintenance areas	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.6.6.1	S.5.2.4	Chemical waste arising from the site should be properly stored, handled, treated and disposed of in compliance with the requirements stipulated under the Waste Disposal (Chemical Waste) (General) Regulation	٨
-	S.5.2.7 (Stage 1 only)	The construction work of cycle bridge at Shek Sheung River is not recommended to be carried out during wet seasons (April to October), and the dry weather flow will be diverted to avoid entering the works area. In order to further protect the river water quality from disturbance, the construction work especially excavation works, will be surrounded by cofferdams to ensure the works will be carried out in a dry condition to prevent water pollution to the river.	Λ
N/A	S.5.2.4 (Stage 2 only)	Stream decking is recommended to be carried out during dry weather condition. To prevent disturbance to the river water quality, measures will be taken to ensure the works to be carry out in a dry condition to prevent water pollution to the river, such as sandbag barriers.	٨
N/A	S.5.2.6 (Stage 2 only)	Based on the current available information, the tentative programmes of some construction works for the Agreement No. CE 57/2011 (DS) Drainage Improvement at Northern NT - Package A Drainage Improvement Works in San Tin (Remaining Works) - Investigation (DIST) and the Construction of Cycle Tracks and the associated Supporting Facilities at Nam Sang Wai, Yuen Long (NSWCT) projects may overlap with Stage 2 cycle track construction works. It is recommended that the Contractor should liaise with the project contractor(s) of the DIST and the NSWCT projects to schedule the construction works and allow programme phrasing to avoid major concurrent activities to be undertaken simultaneously in the vicinity.	Λ

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
Construction V	Vaste Manageme	ent	
S.7.4.1	S.6.2.1 – S.6.2.4	An on-site environmental co-ordinator employed by the Contractor should be identified at the outset of the works. Prior to commencement of Project works, the co-ordinator shall prepare a WMP in accordance with the requirements set out in the ETWB TCW No. 19/2005, Waste Management on Construction Sites, for the ER's approval. The WMP shall include monthly and yearly Waste Flow Tables ("WFT") that indicate the amounts of waste generated, recycled and disposed of (including final disposal site), and which should be regularly updated;	٨
S.7.4.1	S.6.2.6	Given the potential for secondary environmental impacts (dust, noise, water quality and visual impacts), mitigation measures are required to ensure proper handling, storage, transportation and disposal of materials at the outset and throughout the construction phase of the project	٨
S.7.4.1	S.6.2.6	• The reuse/ recycling of all materials on site shall be investigated and exhausted prior to treatment/ disposal off-site	٨
S.7.4.1	S.6.2.6	• Good site practices shall be adopted from the commencement of works to avoid the generation of waste, reduce cross contamination of waste and to promote waste minimization	#
S.7.4.1	S.6.2.6	• All waste materials shall be sorted on-site into inert and non-inert C&D materials, and where the materials can be recycled or reused, they shall be further segregated. Inert material, or public fill will comprise stone, rock, masonry, brick, concrete and soil which is suitable for land reclamation and site formation whilst non-inert materials include all other wastes generated from the construction process such as plastic packaging and vegetation (from site clearance)	^

Appendix I - Summary	of Implementation	Schedule of Mitigation	Measures for	Construction Phase
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EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.7.4.1	S.6.2.6	• The Contractor shall be responsible for identifying what materials can be recycled/ reused, whether on-site or off-site. In the event of the latter, the Contractor shall make arrangements for the collection of the recyclable materials. Any remaining non-inert waste shall be collected and disposed of to the Public Filling Areas whilst any inert C&D materials shall be re-used on site as far as possible. Alternatively, if no use of the inert material can be found onsite, the materials can be delivered to a Public Fill Area or Public Fill Bank after obtaining the appropriate licence	٨
S.7.4.1	S.6.2.6	• In order to monitor the disposal of C&D material and solid wastes at public filling facilities and landfills, and control fly-tipping, a trip-ticket system shall be implemented by the Contractor, in accordance with the contract and the requirements of DEVB Technical Circular (Works) No. 6/2010 "Trip Ticket System for Disposal of Construction and Demolition Material".	^
S.7.4.1	S.6.2.6	• Under the Waste Disposal (Chemical Waste) (General) Regulation, the Contractor shall register as a Chemical Waste Producer if chemical wastes such as spent lubricants and paints are generated on site. Only licensed chemical waste collectors shall be employed to collect any chemical waste generated at site. The handling, storage, transportation and disposal of chemical wastes shall be conducted in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes and A Guide to the Chemical Waste Control Scheme both published by EPD;	Λ

Appendix I - Summary	of Implementation	Schedule of Mitigation	Measures for	Construction Phase
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EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.7.4.1	S.6.2.6	• A sufficient number of covered bins shall be provided on site for the containment of general refuse to prevent visual impacts and nuisance to the sensitive surroundings. These bins shall be cleared daily and the collected waste disposed of to the refuse transfer station. Further to the issue of ETWB Technical Circular (Works) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness, the Contractor is required to maintain a clean and hygienic site throughout the project works;	^
S.7.4.1	S.6.2.6	• All chemical toilets, if any, shall be regularly cleaned and the night-soil collected and transported by a licensed contractor to a Government Sewage Treatment Works facility for disposal; and	^
S.7.4.1	S.6.2.6	• Toolbox talks should be provided to workers about the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling.	^
S.7.4.1	S.6.2.6	• The Contractor shall comply with all relevant statutory requirements and guidelines and their updated versions that may be issued during the course of project construction.	^

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
Land Contam	ination		
S.8.7.2 – S.8.7.3	S.7.2.2	 Preparation of Contamination Assessment Plan (CAP), which should be submitted to EPD for endorsement, prior to investigation. Site investigation and sampling works in accordance with the approved CAP. If contamination is identified, Contamination Assessment Report (CAR) and Remediation Action Plan (RAP) shall be prepared and submitted for EPD's approval. 	^
S.8.7.5	S.7.3.1	 The following control measures should be implemented when handling identified contaminated materials: General site safety shall be enforced to include basic practices such as the use of safety boots, hard hats, coveralls, gloves and eye protection; Avoid skin contact, ingestion and inhalation of excavated contaminated soils. Basic personal protective equipment should be used; Site staff and workers shall be given adequate training and instructions specific to the potential hazards, their health and safety responsibilities and safe working practice including basic personal hygiene; Measures shall be implemented to prevent non-workers from approaching the identified works areas in order to avoid exposure to contaminants. 	N/A
S.8.7.5	8.7.3.1	 <u>Management of Contaminated Soils</u> Where appropriate, the use of bulk handling equipment should be maximised to reduce the potential contacts between excavated contaminated materials and associated workers; The plants for excavation and transportation of the material shall be cleaned prior to leaving the Site; All temporary stockpiles of the materials shall be completely covered with plastic/ tarpaulin sheets, particularly during heavy rainstorms. The stockpiling areas should be concrete-paved or lined with its perimeter constructed of a concrete 	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
		 bund where appropriate in order to avoid any leachate from migrating out of the area; Any vehicles transporting the material shall be suitably covered to limit potential dust emissions; Surface waters shall be diverted around any contaminated areas or stockpiles to minimize potential runoff into excavations, as runoff might increase the volume of contaminated water requiring disposal and suspended solids in the wastewater stream 	

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
Ecological & F	Fisheries Impact		
S.9.11.4	S.8.2.2	Prior to tree felling, survey inspections should be made for their suitability for roosting bats. Once these trees have been highlighted, then appropriate checks of each tree for bats should be made prior to removal as a precautionary measure.	^
S.9.11.7	S.8.2.3 (Stage 1 only)	<i>In situ</i> compensation planting at the Information Kiosk and R9 should occur to provide continuing function of the bamboo and plantation (see Figure 8-1 of EM&A Manual for Stage 1 Works (Year 2015)). It is recommended that the Information Kiosk and Resting Station R9 should be designed sympathetically to the natural surroundings. Compensation planting along the Sheung Yue River and Shek Sheung River including at R9 and Information Kiosk could be implemented as appropriate.	N/A
S.9.11.17 – S.9.11.19	S.8.2.4 (Stage 1) S.8.2.3 (Stage 2)	For the Kam Tin section and the Long Valley section of the Project, construction works shall not be carried out during the wet season (April to October) which is considered to have no significant impact to wildlife and to avoid the breeding season of Greater Painted-snipes at Long Valley. This is also to prevent any site run-off to adjacent water channels and fishponds including those fishponds along San Tin Tsuen Road.	^
S.9.11.23	S.8.2.4 (Stage 2 only)	Construction of the section in the vicinity of Mai Po Village SSSI shall be undertaken beyond the recognised breeding seasons for ardeids in Hong Kong to prevent any potential disturbance to the nesting birds, i.e., from September to February.	٨
-	S.8.2.5 (Stage 1 only)	In order to avoid any adverse impact to the healthiness of the bamboo groove from dust-coating on leave next to the R9 and hence affect the breeding habitat of the very rare Dark Brown Ace, a dust barrier should be installed between the bamboo and the construct site.	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
-	S.8.2.6 (Stage 1 only)	For the lower Shek Sheung River, construction works should be scheduled in dry season to minimize the disturbance to the foraging ardeids and the Quiet PME shall be implemented practicable to minimize the noise disturbance to the foraging ardeids.	^
S.10.5.4	S.8.2.7 (Stage 1) S.8.2.5 (Stage 2)	To prevent any negative impact to water quality as a result of site run-off, good site practice must be employed at all times, particularly in the areas close to fishponds. Practice Note for Professional Persons ProPECC PN1/94 – Construction Site Drainage shall be implemented.	^
S.10.5.4	S.8.2.8 (Stage 1) S.8.2.6 (Stage 2)	Along Pok Wai South Road, once the final construction sequencing is known, liaison with local residents and aquaculturists should be implemented in order to minimise temporary road blockages and to identify the best timing for works along this area.	N/A
S.10.5.3	S.8.2.9 (Stage 1) S.8.2.7 (Stage 2)	During wet seasons, surface run-off from the construction sites will need to be directed into storm drains via adequately designed wastewater treatment facilities such as sand traps, silt traps, oil interceptors and sediment settling basins. Works adjacent to the fishponds near NTMDC inside the Wetland Conservation Area (WCA) and Mai Po San Tsuen should be avoided, as far as practicable, during the wet season to avoid runoff into the fishponds.	^
-	S.8.2.10 (Stage 1 only)	The use of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum could be implemented. This may help to reduce any potential disturbance to wildlife from human activity. At Long Valley, to mitigate against potential indirect human disturbance to Greater Painted-snipe, planting could be undertaken as appropriate along the proposed cycle track at meander 8 to act as screening.	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
S.9.11.27	S.8.2.11	The following good work practices are recommended: •	^
	(Stage 1)	Avoid soil storage against trees;	
	S.8.2.9	Fence off any potentially ecologically sensitive areas;	
	(Stage 2)	 Delineation of works area to prevent encroachment onto adjacent habitats; 	
		Reinstatement of habitat after works;	
		• No on-site burning of waste; Waste and refuse in appropriate receptacles;	
		Staff training/toolbox talks for site work near Long Valley and WCA – important	
		areas for birds therefore staff should reduce amount of noise whilst working and	
		during breaks where possible; Regular ecological checks; and	
		 Silt/ Sediment/ Oil traps for drainage to prevent site run-off 	

EIA Ref.	EM&A Ref.	Mitigation Measures	Status					
Cultural Heritage Impact								
S.11.5.1	S.9.2.1	Care should be taken during the construction stage to report any signs of possible discovery of artefacts.	N/A					
Landscape an	d Visual							
Detailed Desig	n Phase							
Table 12-11	CP1	A detailed tree survey to be carried out by the IDC Consultant during the detailed design stage. The recommendations of the preliminary tree survey shall be reviewed and confirmed during the detailed survey. Should tree felling be required, tree felling application is required in accordance with DEVB Technical Circular (Works) No. 10/2013 Tree Preservation	٨					
S.12.9.3	CP6	It has been agreed that the proposed landscape areas under DSD's 4215DS project which falls within the cycle track works area will be implemented by Project proponent of this Project in form of roadside amenity areas after completion of the cycle track. During the detailed design, the works programme of this Project shall be coordinated with the above-mentioned DSD project in order to avoid abortive planting works and impact on landscape resources between the interface of different public works. The proposed landscape areas under 4215DS falled within the cycle track works area shall be incorporated in the final landscape design of this Project.	Λ					
S.12.10.1	OP1	The Design Concept Drawings and Conceptual Landscape Master Plan of cycle track and associated facilities demonstrate landscape and visual mitigation strategies and design measures including integrated design approach, amenity and compensatory planting proposals and treatment of retaining structure and slopes have been recommended in the EIA. More detailed landscape and compensatory planting proposals shall be developed by IDC consultants at later stage during detailed design and construction phase of this project following the completion of the detailed Tree	٨					

Appendix I -	 Summary o 	of Implementati	on Schedule of	f Mitigation I	Measures for	Construction Phase
11	•	1				

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
		Survey Report and approval from relevant departments at that stage	
Construction F	Phase		L
Table 12-11	CP1.1	To retain trees, which have high amenity or ecology value and contribute most to the landscape and visual amenity of the site and its immediate environs.	٨
	CP1.2	Creation of precautionary area around trees to be retained equal to half of the trees canopy diameter. Precautionary area to be fenced.	٨
	CP1.3	Prohibition of the storage of materials including fuel, the movement of construction vehicles, and the refuelling and washing of equipment including concrete mixers within the precautionary area.	^
	CP1.4	Phased segmental root pruning for trees to be retained and transplanted over a suitable period (determined by species and size) prior to lifting or site formation works which affect the existing rootball of trees identified for retention. The extent of the pruning will be based on the size and the species of the tree in each case.	٨
	CP1.5	Pruning of the branches of existing trees identified for transplantation and retention to be based on the principle of crown thinning maintaining their form and amenity value.	^
	CP1.6	The watering of existing vegetation particularly during periods of excavation when the water table beneath the existing vegetation is lowered.	٨
	CP1.7	The rectification and repair of damaged vegetation following the construction phase to its original condition prior to the commencement of the works or replacement using specimens of the same species, size and form where appropriate to the design intention of the area affected.	N/A

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
	CP1.8	All works affecting the trees identified for retention and transplantation will be carefully monitored. This includes the key stages in the preparation of the trees, the implementation of protection measures and health monitoring throughout the construction period.	^
	CP1.9	Detailed landscape and tree preservation proposals will be submitted to the relevant government departments for approval under the lease conditions and in accordance with ETWB TCW No. 2/2004 and WB Technical Circular No. 14/2002.	N/A
	CP2.0	The tree preservation works should be implemented by approved Landscape Contractors and inspected and approved on site by a qualified Landscape Architect. A tree protection specification would be included within the contract documents.	^
	CP2.1	Topsoil disturbed during the construction phase should be tested using a standard soil testing methodology and where it is found to be worthy of retention stored for re-use.	٨
	CP2.2	The soil will be stockpiled to a maximum height of 2m and will be either temporarily vegetated with hydroseeded grass during construction or covered with a waterproof covering to prevent erosion.	^
	CP2.3	The stockpile should be turned over on a regular basis to avoid acidification and the degradation of the organic material, and reused after completion. Alternatively, if this is not practicable, it should be considered for use elsewhere, including other projects.	^
	CP3.1	Where appropriate to the final design the landscape of these works areas should be restored following the completion of the construction phase.	N/A
	CP3.2	Construction site controls should be enforced including the storage of materials, the location and appearance of site accommodation and the careful design of site lighting to prevent light spillage.	٨

EIA Ref.	EM&A Ref.	Mitigation Measures	Status
	CP3.3	Screen the works area during the construction phase through the use of decorative hoarding along the site boundary facing adjacent VSRs	٨
	CP4.1	Replanting of disturbed vegetation should be undertaken at the earliest possible stage of the construction phase	٨
	CP4.2	Use of native plant species predominantly in the planting design for the buffer areas.	٨
	CP4.3	The tree planting works should be implemented by approved Landscape Contractors and inspected and approved on site by a qualified Landscape Architect. A tree planting specification would be included within the contract documents	^
	CP5.1	The tree transplanting works should be implemented by approved Landscape Contractors and inspected and approved on site by a qualified Landscape Architect. A tree protection / transplanting specification would be included within the contract documents.	٨
	CP5.2	The implementation program should reserve enough time for advance tree transplanting preparation.	^

Remarks:	EM&A Manual for Stage 1 Works under EP-450/2013/A (App No.: VEP-478/2015) EM&A Manual for Stage 2 Works under EP-501/2015 (App No.: AEP-501/2015)							
	^	Compliance of mitigation measure;	Х	Non-compliance of mitigation measure;				
	N/A	Not Applicable at this stage; N/A(1) Not observed;	•	Non-compliance but rectified by the contractor;				
	*	Recommendation was made during site audit but improved/rectified by the contractor.	#	Recommendation was made during site audit but not yet improved/rectified by the contractor.				

APPENDIX J SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFIATION OF SUCCESSFUL PROSECUTION

Appendix J – Record of environmental complaint, warning, summon and notification of successful prosecution

Reporting Month: December 2019

Contract No. YL/2015/01 Cycle Tracks from Tuen Mun to Sheung Shui – Remaining Works

Log		Received	mental Complaints	Investigation/Mitigation	States
Ref.	Location	Date	Details of Complaint	Action	Status
1	Pok Wai South Road	8 th November 2018	The complaint is filed against extensive dusty stockpile being placed at the works site of Pok Wai South Road (Portion A), causing dust nuisance and affecting the passer-by and residents.	 Cover all the stockpile when stockpiling works was not being conducted; Arrange on-site personnel to wash the wheels of the vehicles immediately before they leave the site area; and Increase the frequency of water spraying on the stockpiles to dampen the dusty surface. 	CIR was submitted in December
2	Mai Po San Tsuen (Portion D)	20 th December 2018	The complaint is filed against extensive dust nuisance by construction activities generated sand and dust, and may have caused the nearby village roads to look dusty and unclean.	 Increase the frequency of water spraying on the paved roads to minimize the dust generation; and Cover the temporary cut slopes by tarpaulin before any excavation works commence. 	CIR was submitted in December
3	Mai Po SanThe complaint is filed against site effluent being pumped and discharge into the nearby surface channel from the same construction site.		site effluent being pumped and discharge into the nearby surface channel from the same	 Cover the temporary cut slopes by tarpaulin before any excavation works commence. Clean the water in the channel and all broken covers are replaced by new decking covers 3 weirs have been installed at the downstream Use of sedimentation tank prior to discharge New cut-off plate next to the channel will be raised 200mm to prevent potential run-off A filter with aggregate is placed at the side channel 	CIR was submitted in February

Table I - Record of Environmental Complaints

successful prosecution	of environmental complaint, warning, summon and notification of
successian prosecution	1

		secution			
Log Ref.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
				• Water and wastewater filtration system is installed to treat the site effluent.	
4	4 Yau Mei 5 th San December Tsuen 2019		The complaint is filed against several stockpiles of dusty materials were not covered in the construction site (Yau Mei San Tsuen, Portion D) on 19 November 2019, 1300hr. No dust suppression measures were observed on site. Moreover, earth moving by grabber on lorry also generated large amount of dust.	 Increased the frequency of water spraying on the exposed earth to minimize the dust generation Removed the stockpiles on site Installed sprinklers to keep the site clearance wet 	CIR was submitted in December

Remarks: Three environmental complaints were received in the previous reporting period. One environmental complaint was received in this reporting period.

Log Ref.	Received Date	Details of summon and prosecution	Status		
1	5 th November 2019	ovember 2019Carrying out regulatory work not in accordance with the Schedule of the Air Pollution Control (Construction Dust) Regulation.			
2	5 th November 2019	Constructing a designated project contrary to the condition of environmental permit.	The prosecution was successful		

Table II - Record of Notification of Summon and Successful Prosecution

Remarks: Two notifications of summon and one successful prosecution were received in the previous reporting period. No notifications of summon nor prosecution was received in this reporting period.

APPENDIX K SUMMARY OF WASTE GENERATION AND DISPOSAL RECORDS Name of Department: CEDD

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Contract No.: YL/2015/01

			wionum	y Summary	y waste r	IUW LADI	101 201	<u>lo</u> (rear)			
	A	ctual Quantities	of Inert C&D	Materials Gene	erated Monthl	у	Actu	al Quantities o	f C&D Wastes	Generated Me	onthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill*	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000m 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)
Jan	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-
Apr	-	_	-	-	-	-	-	-	_	-	-
May	-	_	-	-	-	-	-	_	_	-	-
June	-	_	-	-	-	-	-	_	_	-	-
July	-	-	-	-	-	-	0.01	0.01	0.01	-	0.01
Aug	-	-	-	-	-	-	0.01	0.01	0.01	-	0.01
Sept	0.005	-	-	-	0.005	-	0.01	0.01	0.01	-	0.06
Oct	-	-	-	-	-	-	0.05	0.05	0.05	-	0.04
Nov	0.35	-	-	-	0.35	-	0.05	0.05	0.05	-	0.05
Dec	0.4	-	-	-	0.4	-	0.05	0.05	0.05	-	0.05
Total	0.755	-	-	-	0.755	-	0.18	0.18	0.18	-	0.22

Monthly Summary Waste Flow Table for <u>2016</u> (Year)

*Remark: Imported Fill not taken into account of Total Quantity Generated

Name of Department: CEDD

Contract No.: YL/2015/01

	Monting Summary Waster How Table Tot(Tear)											
	A	ctual Quantities	of Inert C&D	Materials Gene	Actual Quantities of C&D Wastes Generated Monthly							
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill*	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse	
	(in '000m 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)	
Jan	0.04	-	-	-	0.04	0.124	0.05	0.05	0.05	-	0.06	
Feb	0.02	-	-	-	0.02	-	0.05	0.05	0.05	-	0.01	
Mar	1.15	-	-	-	1.15	0.369	0.05	0.05	0.05	-	0.02	
Apr	0.65	-	-	-	0.65	-	0.05	0.05	0.05	-	0.02	
May	0.79	-	-	-	0.79	-	0.05	0.05	0.05	-	0.01	
June	1.63	-	-	-	1.63	-	0.05	0.05	0.05	-	0.02	
July	1.25	-	-	-	1.25	-	0.05	0.05	0.05		0.01	
Aug	1.49				1.49	-	0.05	0.05	0.05	-	0.01	
Sep	1.15	-	-	-	1.14	0.493	0.05	0.05	0.05	-	0.01	
Oct	1.19	-	-	-	1.19	-	0.05	0.05	0.05	-	0.01	
Nov	0.79	-	-	_	0.76	-	0.05	0.05	0.05	-	0.03	
Dec	3.09	-	-	_	3.07	-	0.05	0.05	0.05	-	0.01	
Total	13.24				13.18	0.986	0.6	0.6	0.6		0.22	

Monthly Summary Waste Flow Table for <u>2017</u> (Year)

*Remark: Imported Fill not taken into account of Total Quantity Generated

Name of Department: CEDD

Contract No.: YL/2015/01

	Monthly Summary Waste Flow Table for <u>2018</u> (Tear)													
	A	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill*	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse			
	(in '000m 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)			
Jan	4.37	-	-	-	4.36	-	0.05	0.05	0.05	-	0.01			
Feb	1.66	-	-	-	1.64	-	0.05	0.05	0.05	-	0.01			
Mar	1.85	-	-	-	1.82	-	0.05	0.05	0.05	-	0.01			
Apr	3.35	_	-	-	3.31	-	0.05	0.05	0.05	-	0.01			
May	0.84	-	-	-	0.82	-	0.01	0.01	0.01	-	0.01			
June	0.04	_	-	-	-	-	0.01	0.01	0.01	-	0.04			
July	2.75	_	-	-	2.72	-	0.01	0.01	0.01	-	0.03			
Aug	1.34	-	-	-	1.32	-	0.01	0.01	0.01	-	0.02			
Sept	0.69	-	-	-	0.68	-	0.01	0.01	0.01	-	0.01			
Oct	2.99	_	-	-	2.97	-	0.01	0.01	0.01	-	0.01			
Nov	4.62	-	-	-	4.61	-	0.01	0.01	0.01	-	0.01			
Dec	6.49	-	-	-	6.45	-	0.01	0.01	0.01	-	0.05			
Total	30.99	-	-	-	30.70	-	0.28	0.28	0.28	-	0.22			
•	•	•	•	•	•	•	•	•	•	•	•			
	•	•	•	•	•	•	•	•	•	•	•			
Total	44.985	-	-	-	44.635	0.986	1.06	1.06	1.06	-	0.66			

Monthly Summary Waste Flow Table for <u>2018</u> (Year)

*Remark: Imported Fill not taken into account of Total Quantity Generated

Name of Department: CEDD

Contract No.: YL/2015/01

	Wonting Summary Waste Flow Table for <u>2019</u> (Tear)												
	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill*	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse		
	(in '000m 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)		
Jan	1.13	-	-	-	1.08	-	0.05	0.05	0.05	-	0.05		
Feb	0.04	-	-	-	-	-	0.05	0.05	0.05	-	0.04		
Mar	0.06	_	-	-	-	-	0.05	0.05	0.05	-	0.06		
Apr	0.06	_	-	-	0.03	-	0.05	0.05	0.05	-	0.03		
May	0.04	_	-	-	-	-	0.05	0.05	0.05	-	0.04		
June	0.03	_	-	-	-	-	0.05	0.05	0.05	-	0.03		
July	0.05	_	-	-	-	-	0.05	0.05	0.05	-	0.05		
Aug	0.02	_	-	-	-	-	0.05	0.05	0.05	-	0.02		
Sep	0.02	_	-	-	-	-	0.05	0.05	0.05	-	0.02		
Oct	0.02	_	-	-	-	-	0.05	0.05	0.05	-	0.02		
Nov	0.03	_	-	-	-	-	0.05	0.05	0.05	-	0.03		
Dec	0.19	_	-	-	1.11	-	0.05	0.05	0.05	-	0.19		
Sub-total	1.69	-	-	-	1.11	-	0.60	0.60	0.60	-	0.58		
	•	•	•	•			•		•	•	•		
•	•	•	•	•	•	•	•	•	•	•	•		
Total	46.675	-	-	-	45.745	0.986	1.66	1.66	1.66	-	1.24		

Monthly Summary Waste Flow Table for 2019 (Year)

*Remark: Imported Fill not taken into account of Total Quantity Generated

	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	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)			
5	2	1	1	1	10	3	3	1	1	3			

*Remark: Figure to be revised if necessary

Notes:

(1) The performance targets are given in ETWB Technical Circular PS Clause 6(14).

(2) The waste flow table shall also include C&D materials that are specified in the Contract 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 50,000 m3. (ETWB Technical Circular PS Clause 5(4)(b) refers). [Delete Note (4) and the table above on the forecast, where inapplicable].