東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

TEST REPORT

China Harbour Engineering Co Ltd

Contract No.: CV/2021/09
Handling of Surplus Public Fill
(2022-2023)

TUEN MUN AREA 38 FILL BANK

MONTHLY EM&A REPORT NO.28

(APRIL 2024)

Prepared by:

LAU, Wing Sum
Assistant Environmental Officer

Checked by:

LAU, Chi Leung
Environmental Team Leader

Issue Date: 08 May 2024 *Report No.: ENA42789*

This report shall not be reproduced unless with prior written approval from this laboratory.

UMWELT CONSULTING LIMITED
23/F, On Hong Commercial Building, 145 Hennessy Road, Wan Chai, Hong Kong

By Post

Our Ref : P231104-EMA-TMFB-202404-V
Date : 14th May 2024

ETS-Testconsult Limited
8/F, Block B, Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, NT

Attn: Mr. LAU Chi Leung

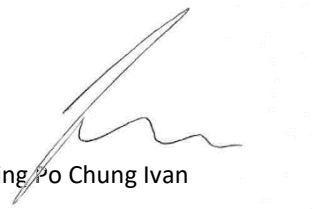
Environmental Permit (EP) No. EP-210/2005/F
Expansion and Extension of Fill Bank at Tuen Mun Area 38
Monthly EM&A Report for April 2024

Dear Sir,

Pursuant to Condition 4.6 of Environmental Permit (EP) No. EP-210/2005/F, please note the report *"Tuen Mun Area 38 Fill Bank Monthly EM&A Report No. 28 (April 2024)"* dated 8 May 2024 submitted under the EP, certified by the Environmental Team Leader on 8 May 2024, had been reviewed and is hereby verified.

Should you have any query, please feel free to contact the undersigned at 3756 9590 or ivanting@umwelt.consulting .

Your faithfully,
For and on behalf of:
Umwelt Consulting Limited



Ting Po Chung Ivan
Independent Environmental Checker

TABLE OF CONTENTS **Page**

EXECUTIVE SUMMARY

1.0	**INTRODUCTION**	1
2.0	**PROJECT INFORMATION**	
	2.1 Construction Programme	1
	2.2 Project Organization and Management Structure	1
	2.3 Contact Details of Key Personnel	1
3.0	**CONSTRUCTION PROGRESS IN THIS REPORTING MONTH**	2
4.0	**AIR QUALITY MONITORING**	
	4.1 Monitoring Requirement	2
	4.2 Monitoring Equipment	2
	4.3 Monitoring Parameters, Frequency and Duration	2
	4.4 Monitoring Locations and Schedule	2
	4.5 Monitoring Methodology	3
	4.6 Action and Limit levels	4
	4.7 Event-Action Plans	4
	4.8 Results and Observations	4
5.0	**MARINE WATER QUALITY MONITORING**	
	5.1 Monitoring Requirements	4
	5.2 Monitoring Locations	4
	5.3 Monitoring Parameters and Frequency	4
	5.4 Monitoring Methodology and Equipment Used	5 – 6
	5.5 Action and Limit Levels	6 – 7
	5.6 Event and Action Plan	7
	5.7 Monitoring Duration and Period in this reporting month	7
	5.8 Marine Water Monitoring Results	7
6.0	**NOISE MONITORING**	
	6.1 Monitoring Requirements	8
	6.2 Monitoring Equipment	8
	6.3 Monitoring Parameters, Duration and Frequency	8
	6.4 Monitoring Locations and Period	8
	6.5 Monitoring Procedures and Calibration Details	8 – 9
	6.6 Action and Limit levels	9
	6.7 Event-Action Plans	9
	6.8 Results and Observation	9
7.0	**ENVIRONMENTAL AUDIT**	
	7.1 Weekly Site Inspection and EPD's Site Inspection	9 – 10
	7.2 Review of Environmental Monitoring Procedures	10
	7.3 Status of Environmental Licensing and Permitting	11
	7.4 Implementation Status	11 - 12
8.0	**LANDSCAPE AND VISUAL**	12
9.0	**WASTE MANAGEMENT**	
	9.1 Summary of Waste disposed of in this month	12
	9.2 Advice on the Solid and Liquid Waste Management Status	12
10.0	**ENVIRONMENATL NON-CONFORMANCE**	
	10.1 Summary of air quality, noise and marine water quality	13
	10.2 Summary of Environmental Complaints	13
	10.3 Summary of Notification of Summons and Prosecution	13
11.0	**CONCLUSIONS AND RECOMMENTATIONS**	13 - 14
12.0	**FUTURE KEY ISSUE**	14

APPENDIX

A	Organization Chart and Lines of Communication
B1	Calibration Certificates for Impact Air Quality Monitoring Equipments
B2	Impact Air Quality Monitoring Results
B3	Graphical Plots of Impact Air Quality Monitoring Data
C1	Calibration Certificates for Impact Marine Water Quality Monitoring Equipments
C2	Impact Marine Water Quality Monitoring Results
C3	Graphical Plots of Impact Marine Water Quality Monitoring Data
D1	Calibration Certificates for Impact Noise Monitoring Equipments
D2	Impact Noise Monitoring Results
D3	Graphical Plots of Impact Noise Monitoring Data
E	Weather Condition
F	Event-Action Plans
G	Construction Programme
H	Weekly ET's Site Inspection Record
I	Implementation Schedule of Mitigation Measures
J	Site General Layout Plan
K	Monthly Summary Waste Flow Table
L	Monitoring Schedule for the Coming Month
M	Reporting Month Monitoring Schedule
N	QA/QC Results of Laboratory Analysis
O	Complaint Log
P	Environmental Review Report (12 December 2023)

FIGURES

Figure 1	Locations of Air Quality Monitoring Stations – Tuen Mun Area 38 Fill Bank
Figure 2	Locations of Water Quality Monitoring Stations – Tuen Mun Area 38 Fill Bank
Figure 3	Locations of Noise Monitoring Stations – Tuen Mun Area 38 Fill Bank

TABLES

2.1	Contact Details of Key Personnel
4.1	Air Quality Monitoring Equipment
4.2	Monitoring parameters, duration and frequency of air quality monitoring
4.3	Action and Limit levels for 24-hr TSP and 1-hr TSP
5.1	Monitoring Parameters and Frequency of the marine water
5.2	Summary of testing procedure
5.3	Details of Water Quality Monitoring Equipment (In-site measurement)
5.4	Water Quality Action and Limit Levels
5.5	Time Schedule of Water Quality Monitoring
5.6	Summary of Marine Water Quality Exceedances in this reporting month
6.1	Noise Monitoring Equipment
6.2	Duration, Frequencies and Parameters of Noise Monitoring
6.3	Action and Limit Levels for noise monitoring
7.1	Key Findings of Weekly ET Site Inspections in this reporting month
7.2	Summary of environmental licensing and permit status
7.3	Summary of Environmental Complaints and Prosecutions
9.1	Actual amounts of waste generated in this reporting month

EXECUTIVE SUMMARY

This monthly Environmental Monitoring and Audit (EM&A) report No.28 was prepared by Environmental Team (ET) of ETS-Testconsult Ltd (ETL) for the "Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023) – Tuen Mun (TM) Area 38 Fill Bank" (The Project).

This report documented the findings of EM&A Works conducted during the operation phase of Fill Bank at TM Area 38 in April 2024.

Site Activities

As informed by the Contractor, the site activities in this reporting period were as below:

1. Operation of the Public Fill Reception Facilities at Tuen Mun Fill Bank (TMFB);
2. Operation of the Integrated Public Fill Reception Platform (Fixed Rigid Platform) at TMFB;
3. Operation and Maintenance of Wheel Washing Bays and Facilities at TMFB;
4. Operation and Maintenance of Wash House at TMFB;
5. Personnel Position Tracking and Proximity Detection System of Moving Plant at TMFB;
6. Operation and Maintenance a Digital Works Supervision System (DWSS) for TMFB;
7. Operation of a New Soil Platform for Preliminary Sorting of Public Fill at TMFB;
8. Operation of Concrete Slab at Wet Deposition Platform in TMFB
9. Operation and Maintenance of Crushing plant at TMFB;
10. Delivery of public fill to Taishan at TMFB;
11. Operation of AI System for Crushing Plant at TMFB
12. Implementation of C Easy system at TMFB (phase 1)
13. Carry out GCO Probe test and SRT
14. Operation of recycling public fill as blanket layer material of reclamation projects – PMI No.70
15. Site formation works at a Tsang Tsui site
16. Relocation works of soil platforms

Environmental Monitoring Progress

The summary of the monitoring activities in this monitoring month is listed below:

- *24-hour TSP Monitoring: 5 Occasions at 2 designated locations*
- *1-hour TSP Monitoring: 15 Occasions at 2 designated locations*
- *Noise, Daytime: 9 Occasions at 2 designated locations*
- *Marine Water Quality Monitoring: 13 Occasions at 4 designated locations*
- *Weekly-site inspection: 5 Occasions*

Air Monitoring

No exceedance of Action and Limit level was recorded for 1-hr and 24-hr TSP monitoring in the reporting period.

Noise Monitoring

No exceedance of Action and Limit level for noise monitoring was recorded in the reporting period.

Marine Water Quality Monitoring

No exceedance of action and limit level was recorded in the reporting period.

Weekly Site Inspection

In general, performance on environmental mitigation measures implemented was found to be satisfactory in this reporting period. The major findings observed during site inspections are presented in the Section 7.0.

Environmental Complaints, Notification of summons and successful prosecutions

No complaint, notification of summon and prosecution with respect to environmental issues was received in this reporting period.

Future Key Issues

Based on the site inspections and forecast of engineering works in the coming month, key issues to be considered are as follows:

- *Dust generation from activities on site, such as vehicular movements along unpaved area and rock crushing activities;*
- *Noise impact from operating equipment and machinery on site;*
- *Wastewater and surface runoff from the site discharged into nearby water body; and*
- *Storage and usage of chemicals / fuel and chemical waste / waste oil.*

1.0 INTRODUCTION

China Harbour Engineering Co Ltd (CHEC) appointed Environmental Team (ET) of ETS-Testconsult Limited (ETL) to undertake the Environmental Monitoring and Audit (EM&A) for the "Contract No: CV/2021/09 –Handling of Surplus Public Fill (2022-2023) – Tuen Mun (TM) Area 38 Fill Bank" (The Project).

In accordance with the Condition 4 of Part C of Environmental Permit (No.: EP-210/2005/F) (the EP), an EM&A programme as set out in the Project Profile should be implemented.

The EM&A programme requires environmental monitoring for air quality, water quality and environmental site inspections for air quality, water quality, landscape and visual, and waste management. The EM&A requirements for each parameter described in the following sections include:

- All monitoring parameters;
- Monitoring schedules for the reporting month and the coming months;
- Action and Limit levels for all environmental parameters;
- Event/Action Plans;
- Environmental mitigation measures, as recommended in the Project Profile; and
- Environmental requirements in contract documents.

Baseline monitoring was completed in May 2003 by Stanger Asia Ltd. Action and Limit Levels were established for air and water quality parameters based on the baseline monitoring results.

This report documented the findings of EM&A Works conducted during the operation phase of Fill Bank at Tuen Mun Area 38 in April 2024.

2.0 PROJECT INFORMATION

2.1 Construction Programme

Details of construction programme are shown in Appendix G.

2.2 Project Organization and Management Structure

The organization chart and lines of communication with respect to the on-site environmental management and monitoring program are shown in Appendix A.

2.3 Contact Details of Key Personnel

The key personnel contact names and telephone numbers are shown in Table 2.1.

Table 2.1 Contact Details of Key Personnel

Organization	*Name of Key Staff*	*Project Role*	*Tel. No.*	*Fax No.*
CEDD	*Mr. C W Au Yeung, Andrew Cheung*	*Engineer's Representative*	*2623 9267 / 2762 5588*	*2714 0113*
IEC (Umwelt)	*Mr. Ivan Ting*	*IEC*	*9222 9490*	*/*
Contractor (CHZH-JV)	*Zhou Chang Ying*	*Senior Project Manager*	*96266299*	*22474108*
ET (ETL)	*C. L. Lau*	*ET Leader*	*2946 7791*	*2695 3944*

3.0 CONSTRUCTION PROGRESS IN THIS REPORTING MONTH

As informed by the Contractor, the activities in the reporting month include:

1. Operation of the Public Fill Reception Facilities at Tuen Mun Fill Bank (TMFB);
2. Operation of the Integrated Public Fill Reception Platform (Fixed Rigid Platform) at TMFB;
3. Operation and Maintenance of Wheel Washing Bays and Facilities at TMFB;
4. Operation and Maintenance of Wash House at TMFB;
5. Personnel Position Tracking and Proximity Detection System of Moving Plant at TMFB;
6. Operation and Maintenance a Digital Works Supervision System (DWSS) for TMFB;
7. Operation of a New Soil Platform for Preliminary Sorting of Public Fill at TMFB;
8. Operation of Concrete Slab at Wet Deposition Platform in TMFB
9. Operation and Maintenance of Crushing plant at TMFB;
10. Delivery of public fill to Taishan at TMFB;
11. Operation of AI System for Crushing Plant at TMFB
12. Implementation of C Easy system at TMFB (phase 1)
13. Carry out GCO Probe test and SRT
14. Operation of recycling public fill as blanket layer material of reclamation projects – PMI No.70
15. Site formation works at a Tsang Tsui site
16. Relocation works of soil platforms

4.0 AIR QUALITY MONITORING

4.1 Monitoring Requirement

1-hr and 24-hr TSP levels were monitored in the reporting month. Table 4.3 shows the Action and Limit Levels for the environmental monitoring works.

4.2 Monitoring Equipment

Both 1-hour and 24-hour TSP air quality monitoring was performed using a High Volume Air Sampler (HVS) located at each of the designated monitoring station. Table 4.1 summarizes the equipment used in the air quality monitoring programme. Copies of the calibration certificates for the HVS and calibrator are attached in Appendix B1.

Table 4.1 Air Quality Monitoring Equipment

Equipment	*Model and Make*
HVS	*Graseby GMW 2484 & 1180*
Calibrator	*Tisch TE-5025A 4128*

4.3 Monitoring Parameters, Frequency and Duration

Table 4.2 summarizes the monitoring parameters, monitoring duration and frequencies of air quality monitoring.

Table 4.2 Monitoring parameters, duration, frequency of air quality monitoring

Parameter	*Duration*	*Frequency*
24-hr TSP	*24 hr*	*Once per six days*
1-hr TSP	*1 hr*	*Three times per six days*

4.4 Monitoring Locations and Schedule

In accordance with the Project Profile, two air-quality monitoring stations, namely TM-A1 and TM-A2, were selected for the 1-hr TSP and 24-hr TSP sampling.

Since the area for existing air monitoring station TM-A2 near Tipping Hall No.1 was handed over to EcoPark, air monitoring station TM-A2 was cancelled and the air monitoring was carried out at an alternative air monitoring station TM-RA2 (refer to Figure 1 attached) from 28 October 2008.

The locations of monitoring stations are shown in Figure 1.

During the reporting month, 1-hr and 24-hr TSP monitoring were carried out as the schedule. The details for 24-hr and 1-hr TSP monitoring carried out in this reporting month are summarized in Appendix B2.

4.5 Monitoring Methodology

Both 1-hr and 24-hr air quality monitoring (High Volume Sampler)

Instrumentation

High volume sampler (HVS) complete with appropriate sampling inlets were employed for both 1-hour and 24-hour TSP monitoring. The sampler is composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complies with that required by USEPA standard Title 40, Code of Federation Regulations Chapter 1 (Part 50).

Installation

The installation of HVS refers to the requirement stated in Appendix D2 "General Technical Requirements of Environmental Monitoring" in the Environmental Monitoring and Audit Guidelines for Development Projects in Hong Kong published by EPD.

Operation/Analytical Procedures

Operating/analytical procedures for the operation of HVS are as below:

- Prior to the commencement of the dust sampling, the flow rate of the high volume sampler was properly set (between 0.6m^3/min and 1.7m^3/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50. The flow rate is indicated on the flow rate chart.
- For TSP sampling, fiberglass filters (GA-55) were used.
- The power supply was checked to ensure the sampler worked properly.
- On sampling, the sampler was operated 5 minutes to establish thermal equilibrium before placing any filter media at designated air monitoring station.
- The filter holding frame was then removed by loosening the four nuts and carefully a weighted and conditioned filter was centered with the stamped number upwards, on a supporting screen.
- The filter was aligned on the screen so that the gasket formed an air-tight seal on the outer edges of the filter. Then the filter holder frame was tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.
- The programmable timer will be set for a sampling period of 1 hour / 24 hours. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number.).
- After sampling, the filter was transferred from the filter holder of the HVS to a sealed plastic bag and sent to the laboratory for weighting. The elapsed time was also recoded.
- Before weighting, all filters were conditioned in a desiccator for 24 hour with the temperature of 25^oC $\pm$ 3^oC and the relative humidity (RH) <50% $\pm$5%.

Maintenance & Calibration

- The HVS and their accessories should be maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.
- HVS should be calibrated at bi-monthly intervals.

Wind Data Monitoring

Wind data included wind speed and wind direction were directly extracted from Tuen Mun Station of Hong Kong Observatory during this reporting month. The wind data are presented in Appendix E.

4.6 Action and Limit Levels

Table 4.3 shows the Action and Limit levels for 24-hr TSP and 1-hr TSP monitoring.

Table 4.3 Action and Limit Levels for 24-hr TSP and 1-hr TSP

Monitoring Location	*24-hr TSP ($\mu g/m^3$)*		*1-hr TSP ($\mu g/m^3$)*	
	Action Level	*Limit Level*	*Action Level*	*Limit Level*
TM-A1	*192*	*260*	*344*	*500*
*TM-RA2 **	*192*	*260*	*344*	*500*

Remark (*): Since the area for existing air monitoring station TM-A2 near Tipping Hall No.1 was handed over to EcoPark, air monitoring station TM-A2 was cancelled and the air monitoring was carried out at an alternative air monitoring station TM-RA2 from 28 October 2008. Since dust monitoring stations TM-A2 and TM-RA2 are located close to the major dust emission sources and no significant difference between them on the prevailing meteorological conditions, the baseline data from TM-A2 can also be valid in the case of TM-RA2.

4.7 Event-Action Plans

Please refer to Appendix F for details.

4.8 Results and Observations

All monitoring data of both 1-hr and 24-hr TSP monitoring is provided in Appendix B2. Graphical presentation of 1-hr and 24-hr TSP monitoring results for the reporting period is shown in Appendix B3. Wind data, including wind speed and wind direction, are annexed in Appendix E.

No exceedance of Action and Limit level was recorded for 1-hr and 24-hr TSP monitoring in the reporting month.

Generally, the Contractor implemented sufficient dust mitigation measures, including operation of wheel washing facilities and road dampening by water bowsers on the main haul roads and unpaved areas.

5.0 MARINE WATER QUALITY MONITORING

5.1 Monitoring Requirements

In accordance with the Project Profile, impact marine water quality monitoring was conducted three days per week. Measurements were taken at both mid-flood and mid-ebb tides at three depths (i.e. 1m below surface, mid depth and 1m from seabed) at two control monitoring stations (TM-FC1 and TM-FC2) and two impact monitoring stations (TM-FM1and TM-FM2).

5.2 Monitoring Locations

As stipulated in the EM&A requirement, there were four monitoring stations undertaken during the impact monitoring. Figure 2 shows the locations of the marine water quality monitoring stations.

5.3 Monitoring Parameters and Frequency

Monitoring of the marine water quality parameters and frequency are listed in Table 5.1.

Table 5.1 Monitoring Parameters and Frequency of the marine water

Monitoring Station	*Parameter*	*Frequency*	*No. of Depths*
Control Stations: TM-FC1 (Mid-ebb) and TM-FC2 (Mid-flood) *Impact Stations: TM-FM1 and TM-FM2*	*Depth (m)*	*3 days/week, 2 tides/day*	*3 (Surface, mid-depth & bottom)*
	Temperature (℃)		
	Dissolved Oxygen (mg/L and % saturation)		
	Turbidity (NTU)		
	Salinity (ppt)		
	Suspended solids (mg/L)		

5.4 Monitoring Methodology and Equipment Used

For Location of the monitoring stations

Global Positing System (GPS)
A hand-held digital GPS was used to identify the designated monitoring stations prior to water sampling.

For Water Depth measurement

Echo Sounder
A portable, battery-operated echo sounder was used for the determination of water depth at each designated monitoring station.

For In-situ Water Quality Measurement

All in-situ monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use, and subsequently re-calibrated at 3 monthly intervals or sometimes longer throughout all stages of the water quality monitoring.

Dissolved Oxygen, Salinity, Turbidity and Temperature Measuring Equipment

A portable, weatherproof multiparameter water quality meter (YSI Pro DSS) which complete with cable, sensor and DC power source were used for measuring DO, turbidity, salinity, pH and temperature:

- a dissolved oxygen level in the range of 0 to 50 mg/L and 0-500 % saturation;
- a turbidity in range 0-4000 NTU;
- a salinity in range 0-70 ppt;
- a temperature of -5-70 degree Celsius

A membrane electrode with automatic temperature compensation complete with a cable was installed.

For Water Sampling and Sample Analysis

In-situ monitoring was carried out at three depths: 1 meter below water surface, at mid-depth and 1 meter above the seabed. At each sampling depth, duplicate readings of dissolved oxygen content and turbidity were taken. The probes were drop into water, two consecutive measurements of dissolved oxygen (DO), dissolved oxygen saturation (DOS), turbidity and salinity were taken. The difference between the two readings of each set was more than 25% of the value of the first reading while a third measurement would be conducted to ensure data precision.

Water Sampler
A water sampler comprising a transparent PVC cylinder, with a capacity of not less than 2 liters, was lowered into the water body at the predetermined depth. The both opening ends of the sampler were then closed accordingly by dead weight and water samples were collected.

Water Container
The sample container, made by high-density polythene, was rinsed with a portion of the water sample. The water sample was then transferred to the container, labeled with a unique sample ID and sealed with a screw cap. The water samples were stored in a cool box maintained at 4^{o}C. The water samples were then delivered to a local HOKLAS-accredited laboratory (Environmental Laboratory, ETS-Testconsult Ltd, HOKLAS Registration No. 022) on the same day for analysis.

The summary of testing method of testing parameter as recommended by EIA or required by EPD, with the QA/QC results in accordance with the requirement of HOKLAS or international accredited scheme is shown in Table 5.2. For the QA/QC procedures, one QC sample, one duplicate sample

and one sample spike of every batch of 20 samples were analysis. The QA/QC results are summarized in Appendix N.

Table 5.2 Summary of testing procedure

Laboratory Analysis	*Testing Procedure*	*Detection Limit*
Total suspended solids	*In house method based on APHA 19th ed 2540D*	*1.0 mg/L*

In-situ measurement

All in-situ monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use. Responses of sensors and electrodes were checked with certified standard solutions before each use. The DO sensor was calibrated by wet bulb method and a zero check in distilled water was performed with the turbidity and salinity sensor before the strat of measurement.

At each measurement/sampling depth, two consecutive measurements of dissolved oxygen (DO), dissolved oxygen saturation (DOS), turbidity and salinity were taken. For DO, DOS ,Turbidity and Salinity, measurements were conducted three days per week at both mid-ebb and mid-flood tides at three depths (i.e. 1m below surface, mid depth and 1m from seabed). The duplicate measurements were averaged if the difference was not greater than 25%. If the difference is greater than 25%, repeat measurement will be required to be carried out.

Table 5.3 shows the equipment used for in-situ monitoring of water quality. The calibration certificates are attached in Appendix C1.

Table 5.3 Details of Marine Water Quality Monitoring Equipment (In-site measurement)

Parameter	*Model*	*Date of Calibration*	*Due Date*	*Equipment No.*
Coordinate of Monitoring stations	*Garmin eTrex 10*	*-----*	*-----*	*ET/EW/005/09*
Dissolved Oxygen (Saturation), Temperature, Salinity, Turbidity	*YSI Pro DSS Multiparameter Water Quality Meter*	*29/02/24*	*28/05/24*	*ET/EW/008/010**
Water Depth	*Speedtech SM-5*	*-----*	*-----*	*ET/EW/002/08*

Remark: Indicates the instrument should be calibrated on site.

5.5 Action and Limit Levels

The water quality criteria, namely Action and Limit (A/L) levels are presented in the table below.

Table 5.4Water Quality Action and Limit Levels

Parameter	*Action Level*	*Limit Level*
DO (mg/L)	*Surface & Middle* *<4.78 mg/L (5%-ile of baseline data)* *Bottom* *<4.16 mg/L (5%-ile of baseline data)*	*Surface & Middle* *<4.00 mg/L (1%-ile of baseline data)* *Bottom* *<2.00 mg/L*
SS (mg/L) (Depth-averaged)	*>120% of the upstream control station's SS at the same tide on the same day*	*>130% of the upstream control station's SS at the same tide on the same day*
Turbidity (NTU) (Depth-averaged)	*>120% of the upstream control station's turbidity at the same tide on the same day*	*>130% of the upstream control station's turbidity at the same tide on the same day*

5.6 Event and Action Plan

Please refer to the Appendix F for details.

5.7 Monitoring Duration and Period in this reporting period

Table 5.5 is the time schedule for the marine water quality monitoring events that were conducted in this reporting period. Duration of marine water quality monitoring is detailed in Appendix C2.

Table 5.5 Time Schedule of Marine Water Quality Monitoring

April-2024						
Sunday	*Monday*	*Tuesday*	*Wednesday*	*Thursday*	*Friday*	*Saturday*
	1 ▼	*2*	*3* ▼	*4*	*5*	*6* ▼
7	*8*	*9* ▼	*10*	*11* ▼	*12*	*13* ▼
14	*15* ▼	*16*	*17* ▼	*18*	*19* ▼	*20*
21	*22*	*23* ▼	*24*	*25* ▼	*26*	*27* ▼
28	*29*	*30* ▼				

Remark: (▼) = Marine water quality monitoring carried out by ET

5.8 Marine Water Quality Monitoring Results

The impact water quality measurement results are detailed in Appendix C2. Appendix C3 presents the water quality monitoring data and graphical presentations of monitoring results respectively. The summary of marine water quality exceedances is shown in Table 5.6.

Table 5.6 Summary of Marine Water Quality Exceedances in this reporting period

Tide	*Station*	*Exceedance Level*	*DO*		*Turbidity*	*SS*	*Total*
			Surface & Middle	*Bottom*			
Mid-Ebb	*TM-FM1*	*Action*	*0*	*0*	*0*	*0*	*0*
		Limit	*0*	*0*	*0*	*0*	*0*
	TM-FM2	*Action*	*0*	*0*	*0*	*0*	*0*
		Limit	*0*	*0*	*0*	*0*	*0*
Mid-Flood	*TM-FM1*	*Action*	*0*	*0*	*0*	*0*	*0*
		Limit	*0*	*0*	*0*	*0*	*0*
	TM-FM2	*Action*	*0*	*0*	*0*	*0*	*0*
		Limit	*0*	*0*	*0*	*0*	*0*
Total		*Action*	*0*	*0*	*0*	*0*	*0*
		Limit	*0*	*0*	*0*	*0*	*0*

According to the summary of marine water monitoring results, no exceedance of action and limit level was recorded in this reporting month.

6.0 Noise Monitoring

6.1 Monitoring Requirements

Noise monitoring was conducted at 2 designated monitoring stations as specified in the Sections 25.10A of the Particular Specification for good site practice.

The equipment, parameter, frequency, duration, methodology, calibration details, results and observations of the noise monitoring for the reporting month are presented in this section.

6.2 Monitoring Equipment

An Integrating Sound Level Meter was used for noise monitoring. It was a Type 1 sound level meter capable of giving a continuous readout of the noise level reading including equivalent continuous sound pressure level (L_{eq}) and percentile sound pressure level (Lx). It complies with International Electro Technical Commission Publications IEC 61672 Type 1 specification, and speed in m/s was used to monitor the wind speed.

Table 6.1 summarizes noise monitoring equipment model being used. A copy of the calibration certificate for noise meter and calibrator are attached in Appendix D1.

Table 6.1 Noise Monitoring Equipment

Equipment	*Model*
Sound Level Meter	*Rion NL-52 / Rion NL-31*
Calibrator	*Rion NC-73*

6.3 Monitoring Parameters, Duration and Frequency

Duration, frequencies and parameters of noise measurement are presented in Table 6.2.

Table 6.2 Duration, Frequencies and Parameters of Noise Monitoring

Time period	*Duration/min*	*Parameters*	*Frequency*
Day-time: 0700-1900 hrs on normal weekday	*30*	*L_{eq}, L_{10}, L_{90}*	*Twice per week*

6.4 Monitoring Locations and Period

Since Lands Dept did not approve to carry out noise monitoring at their own area where the noise monitoring stations TM-N1 and TM-N2 located due to the security, noise monitoring carried out at two noise monitoring stations TM-RN1 and TM-RN2 (refer to the figure 3 attached) from 18 December 2007.

The noise monitoring locations, TM-RN1 and TM-RN2 are shown in Figure 3. The noise measurement at TM-RN1 and TM-RN2 are façade measurement.

The noise-monitoring period of monitoring stations is summarized in Appendix D2.

6.5 Monitoring Procedures and Calibration Details

Operation/Analysis Procedures

- The Sound Level Meter was set on a tripod at a height of 1.2m above the ground.
- For free field measurement, the meter was positioned away from any nearby reflective surfaces.
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
  - *Frequency weighting: A*
  - *Time weighting : Fast*
  - *Time measurement : 30 min*
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1000HZ. If the difference in the calibration level before and after measurement was more than 1dB, the measurement would be considered invalid and repeat measurement would be required after re-calibration or repair of the equipment.
- The wind speed was frequently checked with a portable wind meter.
- During the monitoring period, the Leq, L10 and L90 were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- Free Field correction to the measurements should be made. Correction factor of +3dB(A) should be made to the free Field measurements. Noise monitoring would be cancelled in the presence of fog, rain, wind with a steady speed exceeding 5m/s, or wind gusts exceeding 10m/s.

Maintenance and Calibration

- The microphone head of the sound level meter and calibrator are cleaned with soft cloth in quarterly intervals.
- The meter is sent to the supplier or HOKLAS laboratory to check and calibrated in yearly intervals.

6.6 Action and Limit Levels

The Action and Limit levels for noise levels derived as illustrated in Table 6.3.

Table 6.3 Action and Limit Levels for noise monitoring

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

6.7 Event-Action Plans

Please refer to the Appendix F for details.

6.8 Results and Observation

The detail of the noise monitoring is provided in Appendix D2. Graphical presentation of the monitoring result for the reporting period is shown in Appendix D3.

Since no documented complaint on noise issue was received in this reporting period, no Action Level exceedance was recorded. Besides, no exceedance in Limit Level was recorded according to the result from Day-time noise monitoring.

The major sources of noise pollution observed in this reporting month were noise from the traveling dump trucks and from the operation of site machines.

7.0 ENVIRONMENTAL AUDIT

7.1 Weekly ET Site Inspections and EPD's Site Inspection

7.1.1 Weekly ET Site Inspections

Weekly site inspections were carried out by ET to monitor the timely implementation of proper environmental pollution control and mitigation measures for the Project. In this reporting month, five weekly site inspections were conducted on 03, 11, 18, 25 and 30 April 2024. Summaries of key findings of weekly ET site inspections in this month are described in Table 7.1.

Table 7.1 Key Findings of Weekly ET Site Inspections in this reporting month

Date	*Key Findings*	*Action(s) Taken recommended by ET*	*Action(s) Taken by the Contractor during the site audit*	*Rectification Status by ET*
03 April 2024	*No defective work or observation was recorded during the weekly ET site inspection*			
11 April 2024	*No defective work or observation was recorded during the weekly ET site inspection*			
18 April 2024	*No defective work or observation was recorded during the weekly ET site inspection*			
25 April 2024	*No defective work or observation was recorded during the weekly ET site inspection*			
30 April 2024	*No defective work or observation was recorded during the weekly ET site inspection*			

7.1.2 The State of Air Quality Control of 3RS area in TMFB

As there was the concern about the dust emission in the 3RS collection area of TMFB, EPD arranged a joint site inspection on 06 October 2022 and the contractor carried out mitigation measures, including increasing the frequency of water spraying by water lorries, setting up water spraying machine in the 3RS area and providing cleaning at the site haul road, to minimize the dust emission. The location of 3RS and discharge point would be inspected in every weekly environmental audit.

7.1.3 EPD's Site Inspection

No EPD's site inspection was carried out in this reporting period.

7.2 Review of Environmental Monitoring Procedures

The monitoring works conducted by the ET were inspected internally on a regular basis. The following observations have been recorded for the monitoring works:

Air Quality Monitoring

- The monitoring team recorded the observations around the monitoring stations within and outside of the construction site.
- The monitoring team recorded the temperature, air pressure and general weather condition on the monitoring day.

Water Quality Monitoring

- The monitoring team recorded the observations around the monitoring stations, which might affect the results; and
- Major water pollution sources were identified and recorded.

Noise Monitoring

- The monitoring team recorded the observations around the monitoring station, which might affect the results.
- Major noise sources were identified and recorded.

7.3 Status of Environmental Licensing and Permitting

All permits/licenses valid in this reporting month are summarized in Table 7.2.

In order to extend the operation of Tuen Mun Area 38 Fill bank, an Environmental Review Report (ERR) was issued on 12 December 2023, with Variations of EP application approved for the Environmental Permit (EP-210/2005/F). The ERR is attached in Appendix P.

Table 7.2 Summary of environmental licensing and permit status

Description	*Permit No.*	*Valid Period*		*Section*
		From	*To*	
Environmental Permit	*EP-210/2005/F*	*01/01/24*	*--*	*Issued*
Chemical Waste Registration	*5296-421-C1186-33*	*20/04/17*	*---*	*Spent battery containing heavy metals and spent lubricating oil*
Effluent Discharge License	*WT00042755-2022*	*21/02/23*	*29/02/28*	*Effluent arising from vehicle washing and dust suppression activities and contaminated surface runoff treated by screening facilities and sedimentation tanks (sedimentation and chemical precipitation).*
Marine Dumping Permit	*EP/MD/24-078*	*02/03/24*	*30/06/24*	*Approval for dumping 499,999 tons (approximately equal to 277,777 cu.m. bulked quantity) of Public Fill (Reclamation*

				Materials) from Tseung Kwan O Area 137 Fill Bank and Tuen Mun Area 38 Fill Bank to designated dumping area at Guanghaiwan of Taishan
Billing Account for Waste Disposal	*7042821*	*22/05/17*	---	---
Notification Pursuant to Section 3(1) of the Air Pollution Control (Construction Dust)	*475208*	*12/04/17*	---	---

7.4 Implementation Status

7.4.1 Implementation Status of Environmental Mitigation Measures

An updated summary of the Environmental Mitigation Implementation Schedule (EMIS) is presented in Appendix I. Most of the necessary mitigation measures were implemented properly.

7.4.2 Implementation Status of Event and Action Plan

No exceedance of Action and Limit levels was recorded for 1-hr and 24-hr TSP monitoring in the reporting month. Apart from this, there was no exceedance on noise recorded in this month.

According to the marine water monitoring results, no action-level and limit-level exceedance was recorded in this reporting period.

Hence, no further action was required to be implemented.

7.4.3 Implementation Status of Environmental Complaint, Notification of Summon and Successful Prosecution Handling

No complaint, notification of summon and prosecution with respect to environmental issues was received in this reporting period.

A summary of environmental complaints, notifications of summons and successful prosecutions was given in Table 7.3.

Table 7.3 Summary of Environmental Complaints and Prosecutions

Complaints logged		*Summons served*		*Successful Prosecution*	
April 2024	*Cumulative*	*April 2024*	*Cumulative*	*April 2024*	*Cumulative*
0	*8*	*0*	*0*	*0*	*0*

8.0 LANDSCAPE AND VISUAL

Landscape and visual site audit was carried out on a weekly basis to monitor environmental issues in order to ensure that all mitigation measures were implemented timely and properly. The findings in this reporting period were:

- The maximum stockpiling height at the Fill Bank was limited to a maximum of +40 mPD;
- The Contractor hydroseeded the outer slopes of the Fill Bank as far as practicable;
- The Contractor removed the stockpile of public fill in a sequence to allow the outer hydroseeded to be removed later than other portions as far as practicable; and
- Lighting was set to minimize night-time glare.

9.0 WASTE MANAGEMENT

9.1 Summary of Waste disposed of in this period

The actual amounts of different types of waste disposed of by the activities of the Project in the period are shown in Table 9.1 and the Monthly Summary Waste Flow Table is shown in Appendix K.

Table 9.1 Actual amounts of Waste generated in this reporting month

Waste Type	*Actual Amount*	*Disposal Locations*
Public Fill ('000m³)	*0*	*Tuen Mun 38 Fill Bank*
C&D Waste (Others – e.g. general refuse) ('000kg)	*48.77*	*WENT Landfill*
Chemical Waste (kg)/(L)	*0(L)*	*Collected by licensed collector*

9.2 Advice on the Solid and Liquid Waste Management Status

The Contractor should provide sufficient preventive measures during equipment maintenance works so as to avoid oil leakage on the ground. In the event of any oil leakage, the Contractor should clean up the polluted soil and handle all the materials used for this cleaning works as chemical waste.

The drain outlet of all the bunded areas should be plugged properly. Besides, pre-cast drip trays were provided for oil drums at several areas, such as workshop and chemical storage area. The Contractor should collect and dispose of any stagnant water accumulated in the concrete bunding and drip trays and handle them as chemical waste.

The Contractor should use suitable containers with proper labels to store chemical wastes in accordance with Code of Practice on the Packaging, Labeling and Storage of Chemical Waste.
The Contractor should also advise their workers of the proper procedures in handling the chemical waste. All the trip tickets for chemical waste disposal should be properly kept in the site office.

The Contractor was reminded to increase the frequency of inspection and cleaning of the site drainage system, including permanent desilting chambers, desilting facilities, oil interceptor bypass tank and all the trapezoidal channels. Moreover, the Contractor should apply approved pesticides in the stagnant water ponds.

All the runoff from the parking area should be pumped to the desilting facilities and oil interceptors to remove suspended solids and oil & grease prior to discharge.

All the discharge measures were managed under Effluent Discharge License. No discharge is allowed before the approval of discharge permit.

10.0 ENVIRONMENTAL NON-CONFORMANCE

10.1 Summary of air quality, noise and marine water quality

No exceedance of Action and Limit level was recorded for 1-hr and 24-hr TSP monitoring in the reporting period.
According to the marine water monitoring results, no action-level and limit-level exceedance was recorded in the reporting period.

The noise level measured at the monitoring station complied with the Limit Level of 65dB(A). No complaint was received regarding noise issue in this reporting period.

10.2 Summary of Environmental Complaints

No complaint was received in this reporting period.

10.3 Summary of Notification of Summons and Prosecution

There was no notification of summon and prosecution respect to environmental issues registered in this reporting period.

11.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Impact monitoring of air quality, noise and water quality were carried out at designated locations in this reporting period.

According to the summary of air monitoring results, no exceedance of Action and Limit levels was recorded for 1-hr and 24-hr TSP monitoring in the reporting period.

According to the marine water monitoring results, no action-level and limit-level exceedance was recorded in the reporting period.

The noise level measured at the monitoring station complied with the Limit Level of 65dB(A). No complaint was received regarding noise issue in this reporting period.

According to the weekly site inspections carried out in this reporting period, the Contractor generally implemented sufficient dust mitigation measures, including operation of the mist spraying systems and automatic wheel washing facilities, dampening of haul roads and stockpiling areas.

No complaint, prosecution or notification of summons was received in this reporting period.

Recommendations

According to the environmental site inspections performed in the reporting period, the following recommendations were provided:

Air Quality

- Ensure the frequency of water spraying on haul roads, unloading areas and stockpiles to be sufficient to suppress the dust sources;
- Provide proper maintenance for the powered mechanical equipment and barges to avoid emission of dark smoke;
- Provide water spraying onto the truckloads during inspection of fill material;
- Conduct road sweeping on all paved haul roads and public roads especially outside and near the site egress by the road sweeper. Undertake water spraying on stockpiling area by water bowser;
- Erect adequate speed limit signs to advise the truck drivers of the speed limit;
- Operate mist spraying systems and automatic water sprinklers in the Fill Bank;
- Implement the dust mitigation measures for the construction activities;
- Designate proper haul roads to ensure effective water spraying; and
- Ensure all vehicles to be washed before leaving the site egress by provision, operation and maintenance of automatic wheel washing facilities.

Noise

- Conduct noisy activities at a farther location from the NSRs.
- Proper schedule of noisy operation and use of quiet machineries on site.

Water Quality

- Maintain the drainage system, including the trapezoidal channels and permanent desilting chambers regularly; and
- Remove the stagnant water or provide approved pesticides for the stagnant water in the permanent desilting chambers, if any.

Chemical and Waste Management

- Remove waste materials from the site to avoid accumulation regularly;
- Handle and store chemical wastes properly;
- Remove unwanted material in the existing stockpiles and avoid further dumping of such material;

- Provide and maintain sufficient drip trays for diesel drums, chemical containers, chemical waste storage drums and diesel operated generator set;
- Maintain good housekeeping at the workshop area;
- Ensure sufficient tarpaulin sheets are provided to cover drip trays; and
- Avoid soil being polluted during oil filling and equipment maintenance; hence, properly remove and store the contaminated soil, if any.

Landscape and Visual

- Provide hydroseeding on the exposed slopes, on which the final profile has been formed;
- Erect all the site hoarding/chaining fences in accordance with agreed design at proper location;
- Maintain the hydroseeded slopes properly.

12.0 FUTURE KEY ISSUES

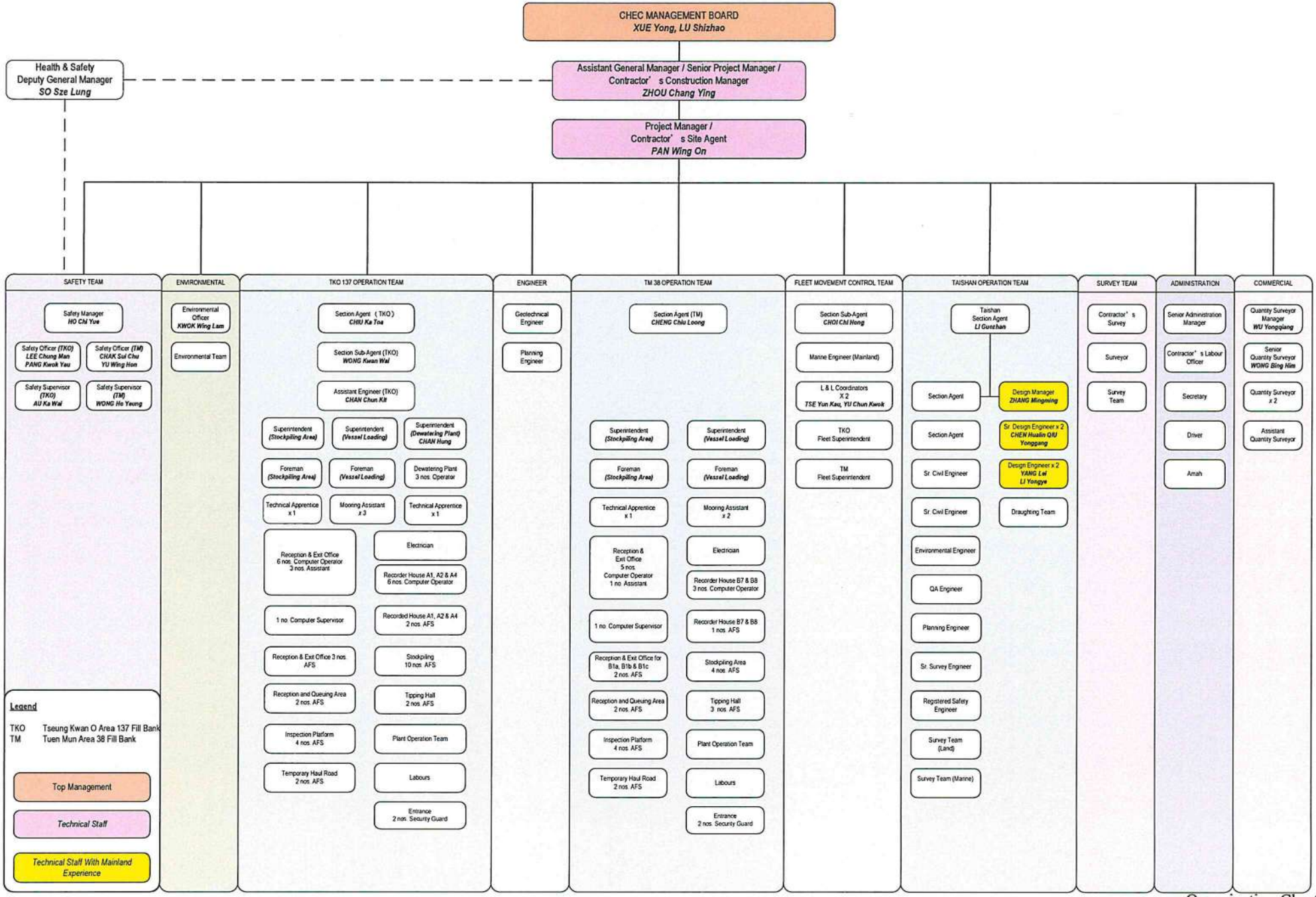
Based on the site inspections and forecast of engineering works in the coming month, key issues to be considered are as follows:

- Dust generation from activities on site, such as vehicular movements along unpaved area and rock crushing activities;
- Noise impact from operating equipment and machinery on site;
- Wastewater and surface runoff from the site discharged into nearby water body;
- Regular checking of the drainage system;
- Flood prevention; and
- Noise from operation of the crushing plant.

- END OF REPORT -

Appendix A

Project Organization Chart



Civil Engineering and Development Department

CV/2021/09
Handling of Surplus Public Fill

China Harbour Engineering Company Limited

Organization Chart
Rev. 8
(20231218)

Appendix B1

Calibration Certificates for Impact Air Quality Monitoring Equipments

TISCH Environmental

RECALIBRATION DUE DATE:
January 15, 2025

Certificate of Calibration

Calibration Certification Information					
Cal. Date:	January 15, 2024	**Rootsmeter S/N:** 438320	**Ta:** 295	°K	
Operator:	Jim Tisch		**Pa:** 756.4	mm Hg	
Calibration Model #:	TE-5025A	**Calibrator S/N:** **4228**			

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4400	3.3	2.00
2	3	4	1	1.0250	6.4	4.00
3	5	6	1	0.9240	8.0	5.00
4	7	8	1	0.8780	8.9	5.50
5	9	10	1	0.7230	12.8	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis)
1.0010	0.6951	1.4180	0.9956	0.6914	0.8832
0.9969	0.9726	2.0054	0.9915	0.9674	1.2490
0.9948	1.0766	2.2421	0.9894	1.0708	1.3964
0.9936	1.1316	2.3515	0.9882	1.1256	1.4646
0.9884	1.3671	2.8361	0.9831	1.3597	1.7664
QSTD	**m=**	**2.11633**	**QA**	**m=**	**1.32521**
	b=	**-0.04857**		**b=**	**-0.03025**
	r=	**0.99987**		**r=**	**0.99987**

Calculations

Vstd=	ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	**Va=**	ΔVol((Pa-ΔP)/Pa)
Qstd=	Vstd/ΔTime	**Qa=**	Va/ΔTime

For subsequent flow rate calculations:

Qstd= $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

Qa= $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

Standard Conditions	
Tstd:	298.15 °K
Pstd:	760 mm Hg
Key	
ΔH: calibrator manometer reading (in H2O)	
ΔP: rootsmeter manometer reading (mm Hg)	
Ta: actual absolute temperature (°K)	
Pa: actual barometric pressure (mm Hg)	
b: intercept	
m: slope	

RECALIBRATION

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

Tisch Environmental, Inc.
145 South Miami Avenue
Village of Cleves, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7610
FAX: (513)467-9009

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 6318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Graseby GMW

Date of Calibration : 19 February 2024

Serial No. : 2484 (ET / EA / 003 / 27)

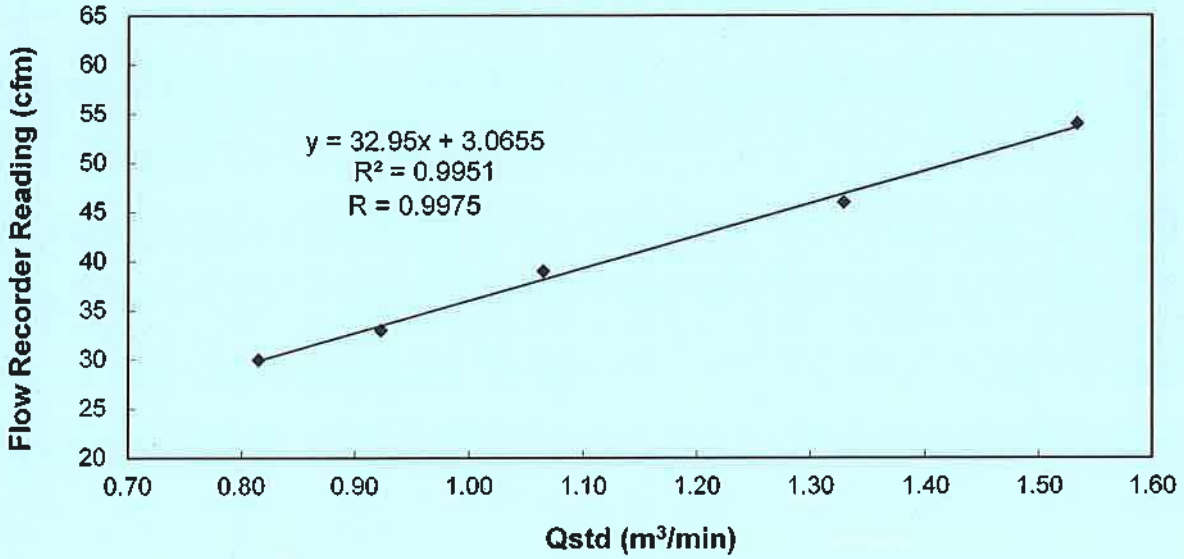
Calibration Due Date : 18 April 2024

Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

Results :

Flow recorder reading (cfm)	54	46	39	33	30
Qstd (Actual flow rate, m^3/min)	1.53	1.33	1.06	0.92	0.81
Pressure : 761.39 mm Hg		Temp. : 296 K			

Sampler 2484 Calibration Curve
Site: Tuen Mun 38 (TM-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies* / ~~does not comply~~* with the specified requirements and is deemed acceptable*/ ~~unacceptable~~* for use.

Calibrated by : Mak Kei Wai
MAK, Kei Wai
(Assistant Supervisor)

Checked by :
LAU, Chi Leung
(Environmental Team Leader)

- END OF REPORT -

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

TEST REPORT

Calibration Report
of
High Volume Air Sampler

Manufacturer : Graseby GMW

Date of Calibration : 18 April 2024

Serial No. : 2484 (ET / EA / 003 / 27)

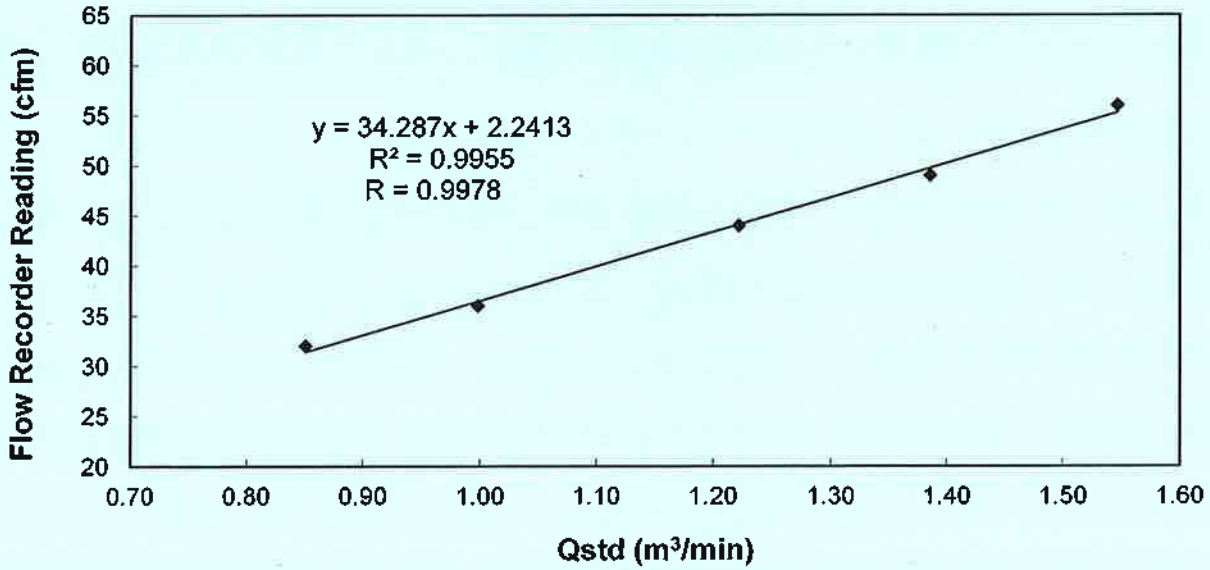
Calibration Due Date : 17 June 2024

Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

Results :

Flow recorder reading (cfm)	56	49	44	36	32
Qstd (Actual flow rate, m^3/min)	1.55	1.39	1.22	1.00	0.85
Pressure : 756.74 mm Hg		Temp. : 300 K			

Sampler 2484 Calibration Curve
Site: Tuen Mun 38 (TM-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies* / ~~does not comply~~* with the specified requirements and is deemed acceptable*/ ~~unacceptable~~* for use.

Calibrated by : Mak Kei Wai
MAK, Kei Wai
(Assistant Supervisor)

Checked by :
LAU, Chi Leung
(Environmental Team Leader)

- END OF REPORT -

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Graseby GMW

Date of Calibration : 19 February 2024

Serial No. : 1180 (ET / EA / 003 / 04)

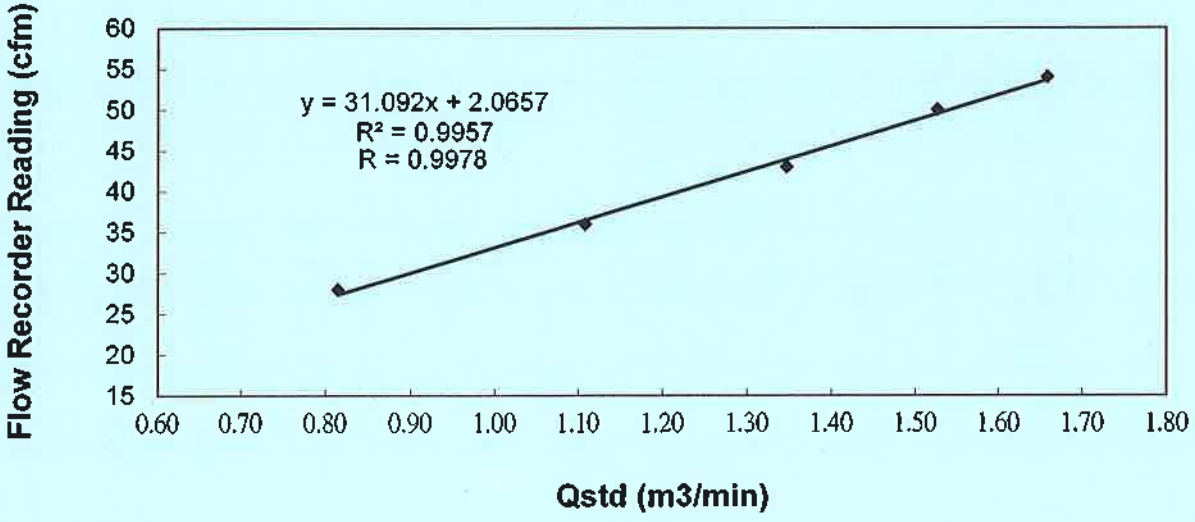
Calibration Due Date : 18 April 2024

Method : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

Results :

Flow recorder reading (cfm)	54	50	43	36	28
Qstd (Actual flow rate, m^3/min)	1.66	1.53	1.35	1.11	0.81
Pressure : 761.39 mm Hg		Temp. : 296 K			

Sampler 1180 Calibration Curve
Site: Tuen Mun (TM-RA2)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies* / ~~does not comply~~* with the specified requirements and is deemed acceptable* ~~unacceptable~~ * for use.

Calibrated by : Mak Kei Wai
MAK, Kei Wai
(Assistant Supervisor)

Checked by :
LAU, Chi Leung
(Environmental Team Leader)

- END OF REPORT -

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

6/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 6318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

TEST REPORT

Calibration Report of High Volume Air Sampler

Manufacturer : Graseby GMW

Date of Calibration : 18 April 2024

Serial No. : 1180 (ET / EA / 003 / 04)

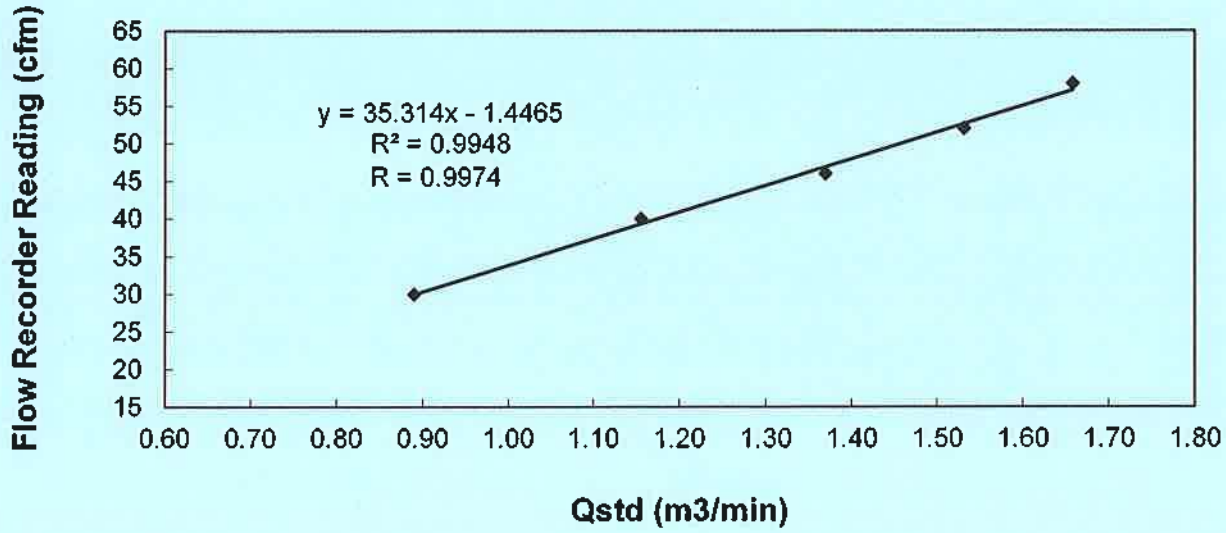
Calibration Due Date : 17 June 2024

Method : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

Results :

Flow recorder reading (cfm)	58	52	46	40	30
Qstd (Actual flow rate, m^3/min)	1.66	1.53	1.37	1.16	0.89
Pressure : 756.74 mm Hg		Temp. : 300 K			

Sampler 1180 Calibration Curve
Site: Tuen Mun (TM-RA2)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies* / ~~does not comply~~* with the specified requirements and is deemed acceptable* / ~~unacceptable~~ * for use.

Calibrated by : Mak Kei Wai
MAK, Kei Wai
(Assistant Supervisor)

Checked by :
LAU, Chi Leung
(Environmental Team Leader)

- END OF REPORT -

Appendix B2

Impact Air Quality Monitoring Results

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Summary of 24-hr TSP Monitoring Results

Monitoring Station : TM-A1

Start		Finish		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. (µg/m^3)
Date	Time	Date	Time	Initial	Final		Initial	Final		Initial	Final	
01/04/24	10:00	02/04/24	10:00	17728.31	17752.31	24.00	0.9085	0.9085	0.9085	2.8204	2.9578	105
07/04/24	13:20	08/04/24	13:20	17755.31	17779.31	24.00	0.9085	0.9085	0.9085	2.8491	2.9812	101
13/04/24	11:50	14/04/24	11:50	17782.31	17806.31	24.00	0.9085	0.9085	0.9085	2.7870	2.9309	110
19/04/24	08:00	20/04/24	08:00	17809.31	17833.31	24.00	0.9263	0.9263	0.9263	2.7400	2.8814	106
25/04/24	09:00	26/04/24	09:00	17836.31	17860.31	24.00	0.9263	0.9263	0.9263	2.7539	2.8900	102

Monitoring Station : TM-RA2

Start		Finish		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. (µg/m^3)
Date	Time	Date	Time	Initial	Final		Initial	Final		Initial	Final	
01/04/24	10:10	02/04/24	10:10	33015.53	33039.53	24.00	0.9628	0.9628	0.9628	2.8045	2.9528	107
07/04/24	13:30	08/04/24	13:30	33042.53	33066.53	24.00	0.9628	0.9628	0.9628	2.8042	2.9470	103
13/04/24	11:55	14/04/24	11:55	33069.53	33093.53	24.00	0.9628	0.9628	0.9628	2.7806	2.9387	114
19/04/24	08:00	20/04/24	08:00	33096.53	33120.53	24.00	0.9754	0.9754	0.9754	2.8458	2.9975	108
25/04/24	09:10	26/04/24	09:10	33123.53	33147.53	24.00	0.9754	0.9754	0.9754	2.8154	2.9629	105

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Summary of 1-hr TSP Monitoring Results

Monitoring Station : TM-A1

Date	Time		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. (µg/m^3)
	Start	Finish	Initial	Final		Initial	Final		Initial	Final	
02/04/24	13:10	14:10	17752.31	17753.31	1.00	0.9085	0.9085	0.9085	2.8254	2.8366	205
02/04/24	14:20	15:20	17753.31	17754.31	1.00	0.9085	0.9085	0.9085	2.8292	2.8405	207
04/04/24	13:30	14:30	17754.31	17755.31	1.00	0.9085	0.9085	0.9085	2.8659	2.8766	196
09/04/24	09:00	10:00	17779.31	17780.31	1.00	0.9085	0.9085	0.9085	2.7918	2.8034	213
09/04/24	10:10	11:10	17780.31	17781.31	1.00	0.9085	0.9085	0.9085	2.7615	2.7733	216
11/04/24	09:00	10:00	17781.31	17782.31	1.00	0.9085	0.9085	0.9085	2.7619	2.7739	220
16/04/24	13:30	14:30	17806.31	17807.31	1.00	0.8781	0.8781	0.8781	2.7583	2.7696	214
16/04/24	14:50	15:50	17807.31	17808.31	1.00	0.8781	0.8781	0.8781	2.8528	2.8643	218
18/04/24	09:12	10:12	17808.31	17809.31	1.00	0.8781	0.8781	0.8781	2.7390	2.7500	209
20/04/24	10:50	11:50	17833.31	17834.31	1.00	0.9263	0.9263	0.9263	2.8326	2.8438	202
20/04/24	13:00	14:00	17834.31	17835.31	1.00	0.9263	0.9263	0.9263	2.8516	2.8631	207
23/04/24	13:00	14:00	17835.31	17836.31	1.00	0.9263	0.9263	0.9263	2.8324	2.8430	191
27/04/24	10:25	11:25	17860.31	17861.31	1.00	0.9263	0.9263	0.9263	2.7794	2.7908	205
27/04/24	13:00	14:00	17861.31	17862.31	1.00	0.9263	0.9263	0.9263	2.7556	2.7673	211
30/04/24	09:30	10:30	17862.31	17863.31	1.00	0.9263	0.9263	0.9263	2.8092	2.8207	207

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Summary of 1-hr TSP Monitoring Results

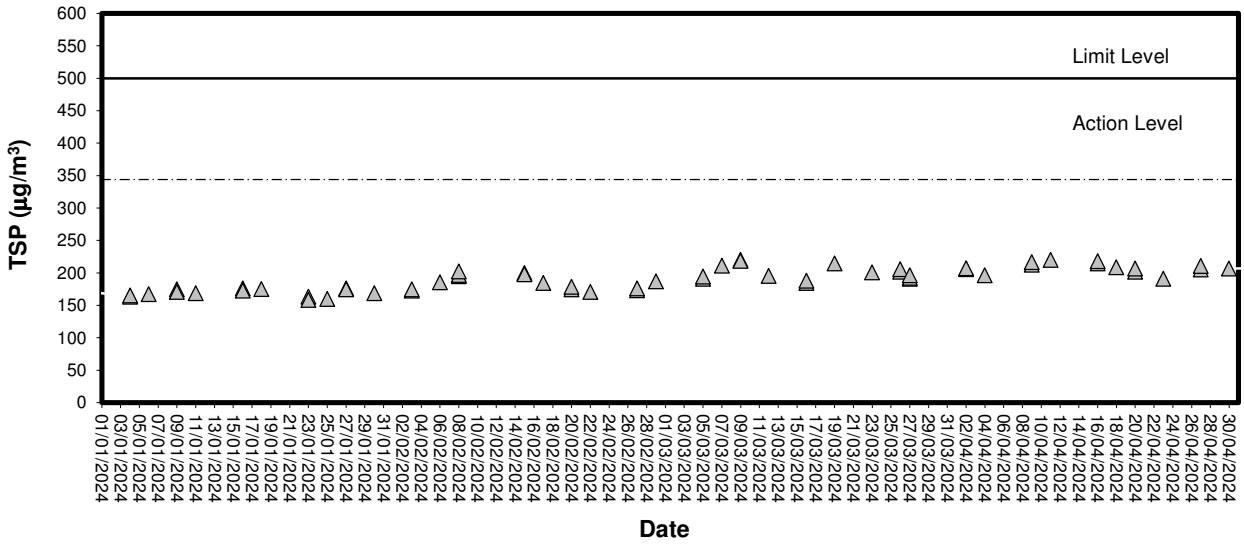
Monitoring Station : TM-RA2

Date	Time		Elapse Time		Sampling Time (hrs)	Flow Rate (m^3/min.)		Average (m^3/min.)	Filter Weight (g)		Conc. (µg/m^3)
	Start	Finish	Initial	Final		Initial	Final		Initial	Final	
02/04/24	13:20	14:20	33039.53	33040.53	1.00	0.9628	0.9628	0.9628	2.8467	2.8588	209
02/04/24	14:30	15:30	33040.53	33041.53	1.00	0.9628	0.9628	0.9628	2.8437	2.8559	211
04/04/24	13:40	14:40	33041.53	33042.53	1.00	0.9628	0.9628	0.9628	2.8398	2.8513	199
09/04/24	09:10	10:10	33066.53	33067.53	1.00	0.9628	0.9628	0.9628	2.8021	2.8145	215
09/04/24	10:20	11:20	33067.53	33068.53	1.00	0.9628	0.9628	0.9628	2.7914	2.8041	220
11/04/24	09:10	10:10	33068.53	33069.53	1.00	0.9628	0.9628	0.9628	2.7905	2.8034	223
16/04/24	13:40	14:40	33093.53	33094.53	1.00	0.9306	0.9306	0.9306	2.7334	2.7456	218
16/04/24	14:50	15:50	33094.53	33095.53	1.00	0.9306	0.9306	0.9306	2.8306	2.8430	222
18/04/24	09:25	10:25	33095.53	33096.53	1.00	0.9306	0.9306	0.9306	2.7441	2.7560	213
20/04/24	10:55	11:55	33120.53	33121.53	1.00	0.9754	0.9754	0.9754	2.8206	2.8326	205
20/04/24	13:20	14:20	33121.53	33122.53	1.00	0.9754	0.9754	0.9754	2.8294	2.8417	210
23/04/24	13:20	14:20	33122.53	33123.53	1.00	0.9754	0.9754	0.9754	2.8303	2.8417	195
27/04/24	10:35	11:35	33147.53	33148.53	1.00	0.9754	0.9754	0.9754	2.7619	2.7741	208
27/04/24	13:06	14:06	33148.53	33149.53	1.00	0.9754	0.9754	0.9754	2.7674	2.7800	215
30/04/24	09:40	10:40	33149.53	33150.53	1.00	0.9754	0.9754	0.9754	2.8010	2.8133	210

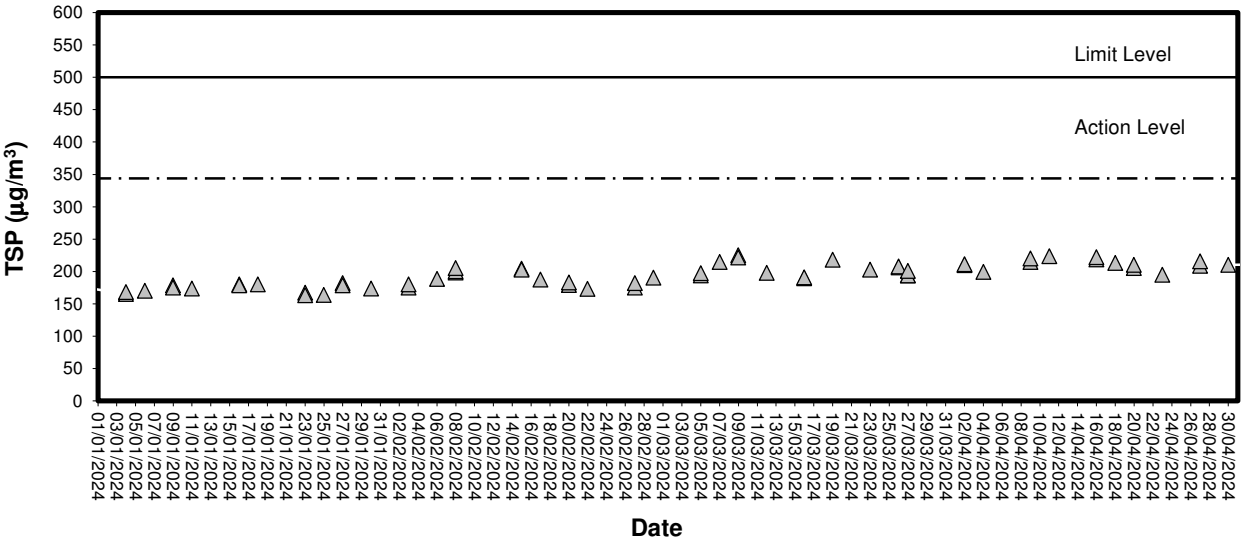
Appendix B3

Graphical Plots of Impact Air Quality Monitoring Data

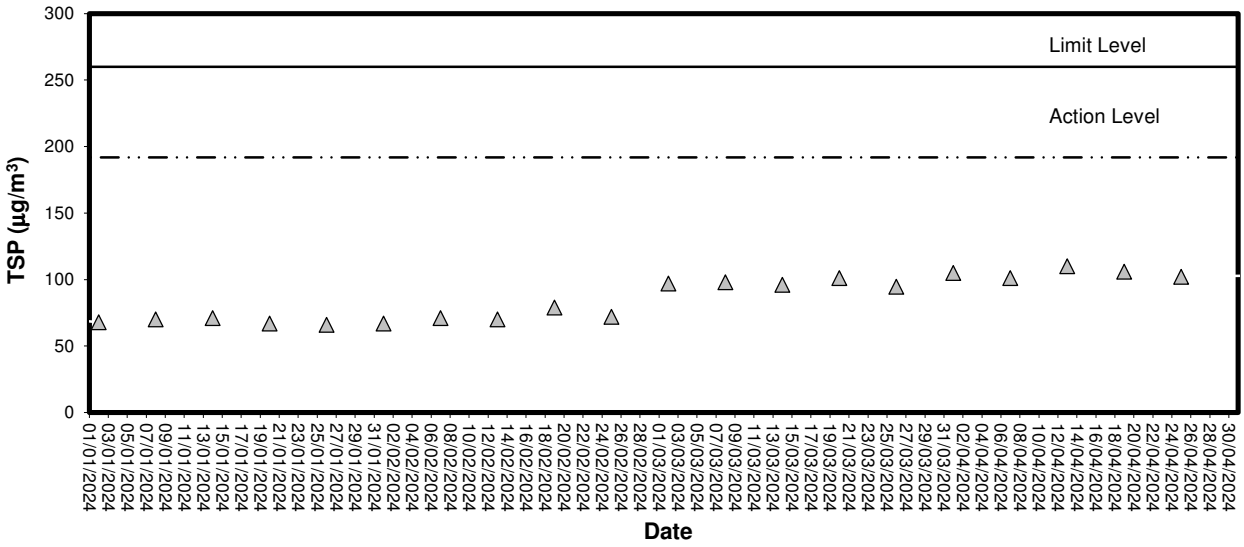
1-hour TSP level at TM-A1



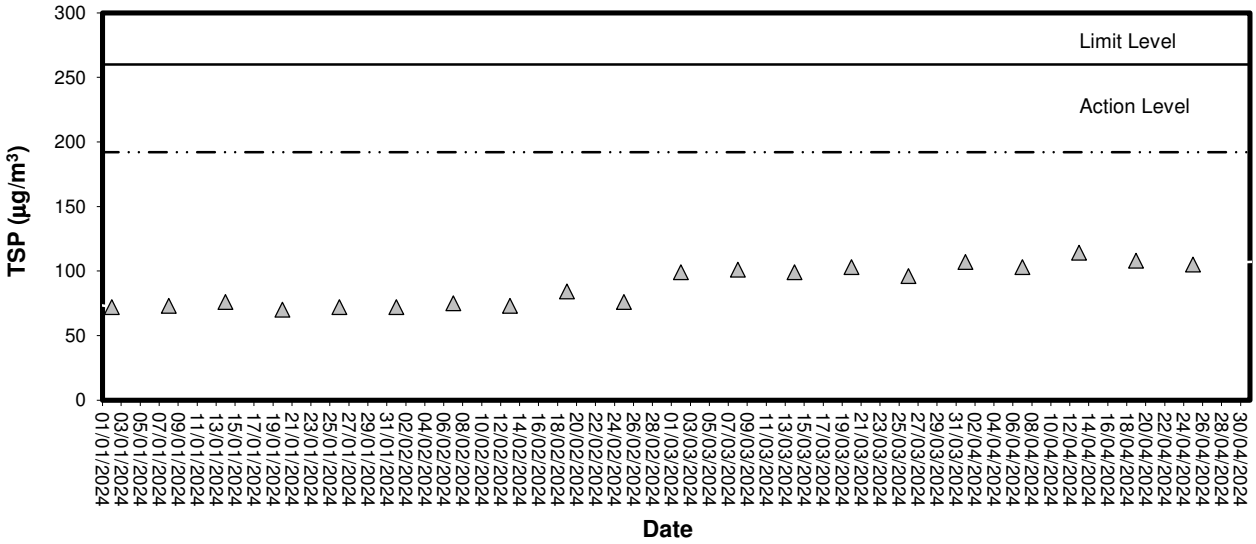
1-hour TSP level at TM-RA2



24-hour TSP level at TM-A1



24-hour TSP level at TM-RA2



Appendix C1

Calibration Certificates for Impact Marine Water Quality Monitoring Equipments

Performance Check / Calibration of Multiparameter Water Quality Meter

Equipment Ref. No.	:	ET/EW/008/010	Manufacturer	:	YSI
Model No.	:	Pro DSS	Serial No.	:	18E105421
Date of Calibration	:	29/2/2024	Calibration Due Date	:	28/5/2024

Results

1. Temperature

(Method Reference: Section 6 of internation Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure)

Reading of Reference Thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)
15.6	15.5	-0.1
25.1	25.3	+0.2
29.3	29.3	+0.0

Tolerance Limit (°C): ± 2.0

2. pH

(Method Reference: APHA 19ed 4500-H^+ B)

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.00		
6.86		
9.18		

Tolerance Limit (pH unit): ± 0.10

3. Conductivity

(Method Reference: APHA 19ed 2510 B)

Expected Reading (µS/cm)	Displayed Reading (µS/cm)	Tolerance (%)
145.2	144.7	-0.3
1414	1406	-0.6
12892	12943	+0.4
56761	57118	+0.6

Tolerance Limit (µS/cm): ± 10.0%

4. Salinity

(Method Reference: APHA 19ed 2520 B)

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
10.0	10.30	+3.0
20.0	20.20	+1.0
30.0	30.40	+1.3

Tolerance Limit (g/L): ± 10.0%

Performance Check / Calibration of Multiparameter Water Quality Meter

Equipment Ref. No.	:	ET/EW/008/010	Manufacturer	:	YSI
Model No.	:	Pro DSS	Serial No.	:	18E105421
Date of Calibration	:	29/2/2024	Calibration Due Date	:	28/5/2024

5. Dissolved Oxygen
(Method Reference: APHA 19ed 4500-O G)

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
1.73	1.81	+0.08
4.62	4.56	-0.06
5.91	5.88	-0.03

Tolerance Limit (mg/L): ± 0.20

6. Turbidity
(Method Reference: APHA 19ed 2130 B)

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
10	10.2	+2.00
40	40.6	+1.50
100	103.0	+3.00
400	414.0	+3.50

Tolerance Limit (NTU): ± 10.0%

The equipment complies # / ~~does not comply~~ # with the specified requirements and is deemed acceptable # / ~~unacceptable~~ # for use.

Delete as appropriate

Calibrated by : Cheng, Hei Man (Technician)

Approved by : Guy, Kong Ping Ki (Laboratory Manager)

Date: 29/02/2024

Appendix C2

Impact Marine Water Quality Monitoring Results

Mid-Flood Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FC1

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	10:08:05	27 / Cloudy	Surface	1.0	20.5	26.3	26.3	9.50	9.51	9.29	123.2	123.3	0.07	0.08	0.07	2.7	2.9	2.5
						26.3		9.51			123.3		0.08			3.1		
			Middle	10.8	19.8	29.8	29.9	9.09	9.08		118.8	118.6	0.05	0.06		2.0	2.1	
						29.9		9.06			118.4		0.06			2.2		
			Bottom	20.5	19.5	31.0	31.1	8.81	8.79	8.79	115.2	114.9	0.08	0.08		2.0	2.5	
						31.1		8.76			114.6		0.08			3.0		
03/04/24	12:16:50	27 / Cloudy	Surface	1.0	20.8	24.4	24.4	9.28	9.27	8.72	119.6	119.3	0.13	0.14	0.19	3.9	3.1	2.7
						24.4		9.25			119.0		0.14			2.3		
			Middle	11.1	19.9	29.3	29.3	8.19	8.17		106.9	106.6	0.19	0.20		2.7	2.2	
						29.4		8.14			106.3		0.20			1.7		
			Bottom	21.2	19.7	31.3	31.3	7.88	7.87	7.87	103.7	103.6	0.23	0.24		3.2	2.9	
						31.4		7.86			103.4		0.25			2.5		
06/04/24	17:02:15	24 / Rain	Surface	1.0	20.4	24.8	24.8	8.86	8.85	8.51	113.7	113.6	0.84	0.83	0.90	2.2	1.9	2.8
						24.8		8.84			113.4		0.82			1.6		
			Middle	10.8	20.1	29.6	29.6	8.17	8.16		107.2	107.1	0.88	0.90		4.1	3.9	
						29.6		8.15			106.9		0.91			3.7		
			Bottom	20.7	19.9	30.9	30.9	7.85	7.85	7.85	103.4	103.3	0.96	0.97		2.4	2.5	
						30.9		7.84			103.1		0.98			2.5		
09/04/24	18:03:11	23 / Cloudy	Surface	1.0	20.7	27.1	27.1	6.82	6.82	6.75	89.2	89.2	1.24	1.25	1.19	4.8	3.6	4.5
						27.2		6.82			89.2		1.26			2.4		
			Middle	11.6	20.6	28.7	28.7	6.69	6.69		88.0	88.0	1.07	1.07		5.5	5.1	
						28.7		6.68			88.0		1.06			4.7		
			Bottom	22.1	20.5	29.3	29.3	6.64	6.64	6.64	87.7	87.7	1.26	1.26		3.6	4.7	
						29.4		6.64			87.6		1.25			5.8		
11/04/24	7:48:51	24 / Cloudy	Surface	1.0	20.6	26.4	26.5	6.79	6.79	6.77	88.3	88.2	1.32	1.32	1.90	3.5	3.5	3.6
						26.5		6.78			88.1		1.31			3.5		
			Middle	10.7	20.6	29.1	29.1	6.76	6.76		89.3	89.3	2.15	2.17		3.6	3.6	
						29.1		6.76			89.3		2.18			3.6		
			Bottom	20.2	20.5	29.2	29.2	6.66	6.66	6.66	87.8	87.8	2.22	2.22		4.1	3.6	
						29.3		6.65			87.7		2.21			3.0		
13/04/24	8:11:30	27 / Fine	Surface	1.0	21.3	23.1	23.1	7.05	7.04	6.77	91.0	90.8	1.26	1.26	1.02	2.9	3.3	3.5
						23.1		7.02			90.5		1.25			3.7		
			Middle	10.7	20.7	28.4	28.4	6.52	6.51		85.9	85.7	0.57	0.58		3.5	4.0	
						28.4		6.49			85.5		0.58			4.4		
			Bottom	20.5	20.6	29.6	29.6	6.43	6.43	6.43	85.1	85.1	1.21	1.22		3.6	3.1	
						29.6		6.42			85.0		1.23			2.6		
15/04/24	8:50:04	27 / Fine	Surface	1.0	22.0	20.3	20.3	7.92	7.90	7.38	102.0	101.7	0.63	0.62	0.46	2.1	2.4	2.1
						20.4		7.88			101.4		0.61			2.7		
			Middle	11.3	20.9	29.2	29.4	6.86	6.85		91.2	91.2	0.45	0.46		1.0	1.5	
						29.6		6.84			91.1		0.47			1.9		
			Bottom	21.4	20.7	31.1	31.1	6.67	6.67	6.67	89.3	89.3	0.31	0.30		2.1	2.6	
						31.1		6.67			89.3		0.28			3.0		
17/04/24	9:53:36	28 / Fine	Surface	1.0	22.1	20.3	20.4	7.81	7.79	7.27	100.7	100.4	0.92	0.93	1.33	3.2	3.7	4.2
						20.4		7.77			100.0		0.94			4.2		
			Middle	11.2	21.3	29.0	29.0	6.75	6.75		90.2	90.2	1.37	1.39		3.3	3.6	
						29.0		6.74			90.1		1.40			3.9		
			Bottom	21.2	20.9	30.9	30.9	6.33	6.33	6.33	84.9	84.9	1.66	1.67		5.6	5.4	
						30.9		6.32			84.8		1.68			5.1		
19/04/24	15:33:56	27 / Cloudy	Surface	1.0	22.5	20.4	20.5	8.23	8.21	7.45	107.0	106.7	1.15	1.16	1.70	1.6	2.3	2.3
						20.5		8.18			106.3		1.17			3.0		
			Middle	11.5	21.8	29.4	29.4	6.70	6.69		90.6	90.4	1.45	1.46		1.8	2.1	
						29.4		6.68			90.1		1.46			2.4		
			Bottom	21.7	21.0	31.7	31.8	6.03	6.02	6.02	81.5	81.4	2.48	2.50		3.7	2.6	
						31.8		6.01			81.2		2.51			1.5		
23/04/24	18:00:52	25 / Rain	Surface	1.0	24.0	20.2	20.2	6.85	6.85	6.63	91.3	91.3	1.28	1.29	1.39	2.3	2.8	3.0
						20.2		6.84			91.2		1.29			3.3		
			Middle	10.7	23.7	26.8	26.8	6.43	6.42		88.6	88.4	1.36	1.37		2.0	2.7	
						26.8		6.40			88.2		1.37			3.3		
			Bottom	20.4	23.3	27.3	27.3	6.22	6.21	6.21	85.4	85.1	1.51	1.52		3.9	3.5	
						27.4		6.19			84.8		1.52			3.1		
25/04/24	7:00:59	26 / Cloudy	Surface	1.0	24.1	28.5	28.5	6.63	6.62	6.49	92.9	92.6	1.58	1.58	1.86	4.2	5.1	3.6
						28.5		6.60			92.3		1.57			6.0		
			Middle	10.5	23.7	30.1	30.1	6.36	6.36		89.3	89.2	1.95	1.96		2.3	3.0	
						30.1		6.35			89.0		1.96			3.6		
			Bottom	19.9	23.3	31.2	31.3	6.17	6.16	6.16	86.6	86.4	2.03	2.04		3.2	2.9	
						31.3		6.15			86.2		2.05			2.5		
27/04/24	8:24:11	28 / Fine	Surface	1.0	21.2	14.0	14.0	6.82	6.78	6.26	83.3	82.8	2.06	2.06	2.84	2.0	2.7	2.9
						14.1		6.73			82.3		2.05			3.3		
			Middle	11.9	21.0	28.2	28.2	5.75	5.75		76.1	76.1	2.27	2.28		5.4	4.3	
						28.3		5.75			76.1		2.28			3.2		
			Bottom	21.7	20.9	30.0	30.0	5.52	5.51	5.51	73.7	73.5	4.20	4.18		1.7	1.7	
						30.0		5.49			73.3		4.15			1.7		
30/04/24	9:11:45	28 / Cloudy	Surface	1.0	21.6	7.3	7.3	7.52	7.51	6.60	89.1	88.9	4.21	4.21	2.41	4.8	5.1	4.0
						7.4		7.49			88.7		4.21			5.3		
			Middle	11.2	21.1	26.2	26.2	5.71	5.70		74.8	74.7	1.17	1.17		3.7	3.4	
						26.3		5.69			74.6		1.16			3.1		
			Bottom	21.2	21.0	29.4	29.4	5.45	5.45	5.45	72.7	72.7	1.83	1.86		4.5	3.7	
						29.5		5.45			72.7		1.89			2.8		

Mid-Flood Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FM1

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	9:50:14	27 / Cloudy	Surface	1.0	20.4	27.2	27.2	9.39	9.40	9.34	122.1	122.2	0.09	0.10	0.06	1.8	1.9	2.5
						27.2		9.41			122.3		0.10			1.9		
			Middle	9.5	20.2	28.2	28.5	9.31	9.28		121.2	120.9	0.06	0.05		2.6	2.8	
						28.7		9.25			120.5		0.04			3.0		
			Bottom	18.0	19.7	30.1	30.2	9.02	8.99	8.99	117.8	117.5	0.03	0.04		2.8	3.0	
						30.4		8.96			117.1		0.05			3.1		
03/04/24	11:48:52	27 / Cloudy	Surface	1.0	20.9	24.6	24.6	9.40	9.39	8.99	121.5	121.4	0.13	0.12	0.18	1.4	1.9	2.6
						24.6		9.38			121.3		0.11			2.3		
			Middle	9.6	20.1	28.2	28.2	8.60	8.59		111.9	111.8	0.20	0.20		2.0	2.2	
						28.2		8.58			111.6		0.20			2.3		
			Bottom	18.0	20.0	31.1	31.1	7.97	7.96	7.96	105.3	105.1	0.21	0.22		3.9	3.8	
						31.1		7.95			104.9		0.22			3.7		
06/04/24	16:39:14	24 / Rain	Surface	1.0	20.4	25.0	25.0	8.90	8.88	8.57	114.3	114.1	0.92	0.92	0.95	1.6	1.8	1.6
						25.0		8.86			113.8		0.91			1.9		
			Middle	9.0	20.2	29.4	29.4	8.26	8.26		108.4	108.3	0.95	0.96		2.7	2.0	
						29.4		8.25			108.1		0.96			1.2		
			Bottom	16.8	19.9	31.0	31.0	7.88	7.87	7.87	103.9	103.7	0.98	0.99		1.0	1.1	
						31.1		7.85			103.5		1.00			1.1		
09/04/24	18:24:14	23 / Cloudy	Surface	1.0	20.7	27.0	26.9	6.81	6.82	6.77	89.0	89.1	1.29	1.29	1.18	5.4	5.7	4.9
						26.9		6.82			89.1		1.28			6.0		
			Middle	8.5	20.6	28.4	28.4	6.72	6.72		88.3	88.3	1.19	1.17		5.6	5.2	
						28.5		6.71			88.2		1.15			4.8		
			Bottom	16.0	20.6	29.0	29.0	6.66	6.66	6.66	87.7	87.7	1.09	1.09		4.6	3.9	
						29.0		6.66			87.7		1.08			3.1		
11/04/24	8:03:51	24 / Cloudy	Surface	1.0	20.5	26.3	26.4	6.81	6.80	6.77	88.3	88.3	1.26	1.28	1.61	3.4	2.7	3.0
						26.4		6.79			88.2		1.29			2.0		
			Middle	8.4	20.5	28.9	28.9	6.75	6.74		88.9	88.7	1.71	1.72		2.3	3.1	
						29.0		6.72			88.5		1.73			3.8		
			Bottom	15.6	20.5	29.0	29.1	6.63	6.62	6.62	87.3	87.2	1.83	1.84		3.2	3.4	
						29.1		6.60			87.0		1.84			3.5		
13/04/24	8:25:54	27 / Fine	Surface	1.0	21.0	24.2	24.2	6.57	6.55	6.53	84.9	84.7	1.32	1.33	0.99	4.7	4.5	3.5
						24.2		6.53			84.4		1.34			4.2		
			Middle	8.8	20.7	27.2	27.2	6.51	6.51		85.2	85.1	0.63	0.65		1.6	1.9	
						27.2		6.50			85.0		0.67			2.2		
			Bottom	16.7	20.6	29.5	29.5	6.43	6.42	6.42	85.1	85.0	0.98	1.00		3.4	4.1	
						29.5		6.41			84.8		1.01			4.7		
15/04/24	8:39:38	27 / Fine	Surface	1.0	22.0	19.8	19.8	7.88	7.89	7.45	101.2	101.3	0.62	0.62	0.43	2.3	2.3	2.5
						19.8		7.89			101.3		0.62			2.2		
			Middle	9.5	21.2	27.9	28.0	7.00	7.01		92.8	92.8	0.36	0.38		2.2	2.3	
						28.0		7.01			92.8		0.39			2.3		
			Bottom	17.9	20.8	30.8	30.8	6.80	6.77	6.77	91.0	90.6	0.27	0.28		3.7	3.1	
						30.9		6.74			90.1		0.29			2.4		
17/04/24	9:33:35	28 / Fine	Surface	1.0	22.1	19.8	19.8	7.87	7.86	7.37	101.2	101.1	1.08	1.09	1.50	3.3	3.4	3.7
						19.8		7.85			100.9		1.09			3.4		
			Middle	9.4	21.5	27.7	27.7	6.91	6.89		92.0	91.7	1.62	1.63		2.1	2.6	
						27.7		6.86			91.3		1.63			3.0		
			Bottom	17.9	21.1	30.1	30.1	6.49	6.47	6.47	87.0	86.7	1.79	1.80		5.7	5.3	
						30.2		6.45			86.3		1.81			4.8		
19/04/24	15:45:55	27 / Cloudy	Surface	1.0	21.8	20.6	20.6	7.79	7.78	7.12	100.1	100.0	1.18	1.19	1.82	2.8	1.9	2.3
						20.7		7.77			99.8		1.19			1.0		
			Middle	8.9	21.2	30.6	30.6	6.48	6.47		87.3	87.1	1.74	1.75		1.8	2.4	
						30.6		6.45			86.9		1.76			2.9		
			Bottom	16.8	21.0	31.8	31.8	5.96	5.94	5.94	80.5	80.3	2.50	2.52		2.7	2.6	
						31.8		5.92			80.0		2.53			2.5		
23/04/24	18:19:02	25 / Rain	Surface	1.0	24.1	20.5	20.5	7.04	7.03	6.86	94.2	94.0	1.32	1.33	1.47	2.9	2.2	2.2
						20.5		7.02			93.8		1.33			1.5		
			Middle	8.9	23.8	26.9	26.9	6.69	6.69		92.4	92.4	1.44	1.45		1.4	2.0	
						26.9		6.68			92.3		1.46			2.6		
			Bottom	16.8	23.4	27.6	27.6	6.37	6.36	6.36	87.7	87.6	1.62	1.63		2.9	2.3	
						27.6		6.35			87.4		1.63			1.7		
25/04/24	7:20:55	26 / Cloudy	Surface	1.0	24.1	28.6	28.7	6.74	6.73	6.60	94.5	94.4	1.52	1.53	1.88	2.5	2.4	2.7
						28.7		6.72			94.2		1.53			2.3		
			Middle	8.9	23.7	30.3	30.3	6.49	6.47		91.2	90.9	1.96	1.97		4.2	3.3	
						30.3		6.45			90.6		1.97			2.3		
			Bottom	16.7	23.3	31.4	31.4	6.21	6.20	6.20	87.2	87.1	2.12	2.14		2.0	2.3	
						31.4		6.19			86.9		2.15			2.6		
27/04/24	8:04:26	28 / Fine	Surface	1.0	21.3	14.7	14.8	6.59	6.58	6.14	80.9	80.8	2.01	2.03	2.63	2.5	3.7	3.6
						14.9		6.56			80.7		2.04			4.8		
			Middle	8.6	21.0	27.6	27.7	5.71	5.70		75.3	75.2	2.00	2.03		5.6	4.5	
						27.7		5.69			75.1		2.05			3.4		
			Bottom	16.8	20.9	29.4	29.5	5.47	5.46	5.46	72.8	72.7	3.85	3.84		3.0	2.7	
						29.5		5.45			72.5		3.82			2.3		
30/04/24	9:36:23	28 / Cloudy	Surface	1.0	21.9	7.6	7.6	7.42	7.40	6.73	88.5	88.2	3.24	3.26	2.00	2.8	3.1	3.5
						7.6		7.38			87.9		3.28			3.4		
			Middle	8.5	21.4	22.1	22.1	6.07	6.07		78.2	78.1	1.31	1.31		1.9	2.9	
						22.1		6.06			77.9		1.30			3.9		
			Bottom	16.1	21.1	29.1	29.1	5.63	5.62	5.62	75.0	74.9	1.42	1.43		5.2	4.4	
						29.1		5.61			74.8		1.44			3.6		

Mid-Flood Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FM2

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	9:38:20	27 / Cloudy	Surface	1.0	20.4	26.8	26.8	9.46	9.47	9.38	122.8	122.9	0.09	0.09	0.08	1.8	2.0	2.0
						26.8		9.47			123.0		0.08			2.1		
			Middle	8.5	20.1	28.4	28.6	9.30	9.29		121.2	121.1	0.07	0.06		2.3	2.1	
						28.7		9.27			120.9		0.05			1.9		
			Bottom	15.9	19.6	30.7	30.7	8.93	8.91	8.91	116.8	116.6	0.09	0.11		2.4	2.0	
						30.8		8.89			116.3		0.12			1.5		
03/04/24	11:24:13	27 / Cloudy	Surface	1.0	20.9	25.1	25.1	9.36	9.34	8.76	121.4	121.2	0.10	0.11	0.17	2.0	2.0	2.5
						25.1		9.32			120.9		0.11			2.0		
			Middle	8.8	20.2	29.5	29.5	8.19	8.18		107.6	107.4	0.15	0.17		3.7	3.1	
						29.5		8.16			107.2		0.18			2.4		
			Bottom	16.7	19.9	30.6	30.6	7.67	7.65	7.65	100.9	100.6	0.25	0.24		3.0	2.6	
						30.7		7.63			100.2		0.23			2.1		
06/04/24	16:21:25	24 / Rain	Surface	1.0	20.5	24.8	24.8	8.94	8.94	8.63	114.9	114.7	0.89	0.90	0.96	2.2	2.5	2.6
						24.8		8.93			114.5		0.91			2.8		
			Middle	8.5	20.2	29.1	29.1	8.33	8.32		109.2	109.1	0.97	0.97		2.1	2.4	
						29.2		8.31			109.0		0.96			2.7		
			Bottom	16.1	20.0	30.4	30.4	7.98	7.97	7.97	105.0	104.8	0.99	1.00		2.9	3.0	
						30.4		7.95			104.6		1.01			3.1		
09/04/24	18:40:09	23 / Cloudy	Surface	1.0	20.7	26.6	26.6	6.86	6.86	6.86	89.4	89.5	1.22	1.22	1.19	5.1	4.7	4.8
						26.5		6.86			89.5		1.21			4.3		
			Middle	8.5	20.7	26.6	26.6	6.86	6.86		89.4	89.4	1.25	1.23		4.7	5.0	
						26.6		6.85			89.4		1.21			5.3		
			Bottom	15.9	20.6	28.2	28.3	6.73	6.72	6.72	88.4	88.3	1.12	1.11		3.8	4.8	
						28.5		6.71			88.2		1.10			5.8		
11/04/24	8:23:53	24 / Cloudy	Surface	1.0	20.5	26.7	26.7	6.73	6.73	6.69	87.4	87.4	1.33	1.34	1.61	2.9	2.8	3.4
						26.7		6.72			87.3		1.35			2.6		
			Middle	9.0	20.5	29.0	29.0	6.66	6.65		87.7	87.5	1.70	1.71		4.8	4.7	
						29.0		6.63			87.3		1.72			4.5		
			Bottom	16.9	20.5	29.1	29.1	6.62	6.62	6.62	87.2	87.2	1.75	1.77		2.8	2.9	
						29.1		6.62			87.2		1.79			3.0		
13/04/24	8:41:58	27 / Fine	Surface	1.0	21.1	23.6	23.6	6.58	6.57	6.49	84.9	84.7	1.24	1.25	1.06	3.4	2.7	2.7
						23.6		6.56			84.5		1.26			1.9		
			Middle	8.5	20.9	26.9	26.9	6.42	6.41		84.1	84.0	0.73	0.72		1.8	2.1	
						26.9		6.40			83.9		0.71			2.4		
			Bottom	16.0	20.6	29.2	29.2	6.40	6.40	6.40	84.6	84.5	1.19	1.20		3.0	3.5	
						29.3		6.39			84.4		1.20			3.9		
15/04/24	8:22:04	27 / Fine	Surface	1.0	22.0	19.9	19.9	7.84	7.84	7.41	100.6	100.7	0.63	0.64	0.47	2.7	2.4	1.8
						19.9		7.84			100.7		0.65			2.0		
			Middle	9.4	21.2	27.9	28.0	6.97	6.98		92.5	92.6	0.47	0.49		1.2	1.6	
						28.0		6.99			92.6		0.50			2.0		
			Bottom	17.8	20.7	30.8	30.8	6.71	6.71	6.71	89.6	89.6	0.29	0.27		1.0	1.6	
						30.8		6.70			89.5		0.25			2.1		
17/04/24	9:18:24	28 / Fine	Surface	1.0	22.1	20.2	20.2	8.03	8.02	7.53	103.5	103.3	1.03	1.04	1.46	4.7	4.9	4.1
						20.2		8.01			103.0		1.05			5.0		
			Middle	9.3	21.5	28.2	28.2	7.06	7.05		94.2	94.0	1.58	1.56		4.2	3.9	
						28.2		7.03			93.7		1.54			3.5		
			Bottom	17.6	21.0	30.5	30.5	6.65	6.64	6.64	89.8	89.3	1.77	1.78		2.5	3.5	
						30.5		6.62			88.8		1.78			4.4		
19/04/24	16:03:08	27 / Cloudy	Surface	1.0	22.4	20.9	20.9	8.29	8.29	7.73	107.8	107.7	1.20	1.21	1.51	2.6	2.2	2.6
						20.9		8.28			107.5		1.22			1.7		
			Middle	8.8	22.0	29.0	29.0	7.18	7.17		97.2	97.0	1.39	1.40		3.0	2.5	
						29.1		7.15			96.8		1.41			2.0		
			Bottom	16.5	21.3	30.7	30.7	6.36	6.36	6.36	85.9	85.8	1.90	1.91		2.4	3.2	
						30.7		6.36			85.7		1.91			4.0		
23/04/24	18:33:17	25 / Rain	Surface	1.0	24.1	20.4	20.4	6.95	6.94	6.81	92.9	92.7	1.37	1.38	1.51	3.1	2.9	3.4
						20.4		6.92			92.4		1.39			2.6		
			Middle	9.0	23.8	26.8	26.9	6.70	6.69		92.5	92.3	1.45	1.46		2.9	3.7	
						26.9		6.68			92.1		1.47			4.5		
			Bottom	16.9	23.4	27.4	27.4	6.33	6.33	6.33	87.0	87.0	1.68	1.68		2.2	3.8	
						27.4		6.32			86.9		1.67			5.3		
25/04/24	7:35:40	26 / Cloudy	Surface	1.0	24.1	28.6	28.6	6.77	6.77	6.59	94.9	94.9	1.64	1.63	1.94	3.1	3.1	3.2
						28.6		6.76			94.8		1.62			3.0		
			Middle	9.0	23.7	30.1	30.1	6.43	6.42		90.3	90.2	1.98	2.00		3.7	2.9	
						30.1		6.41			90.0		2.01			2.0		
			Bottom	16.8	23.3	31.3	31.3	6.16	6.16	6.16	86.5	86.4	2.17	2.18		2.4	3.6	
						31.3		6.15			86.3		2.19			4.8		
27/04/24	7:48:02	28 / Fine	Surface	1.0	21.3	13.8	13.8	7.03	6.99	6.51	86.0	85.6	2.07	2.04	2.70	4.1	4.1	4.2
						13.8		6.95			85.1		2.01			4.1		
			Middle	8.8	21.2	20.5	20.4	6.03	6.02		76.5	76.4	2.10	2.14		4.9	4.7	
						20.3		6.01			76.3		2.17			4.4		
			Bottom	16.8	21.0	28.9	29.0	5.50	5.48	5.48	73.1	72.9	3.91	3.92		4.1	4.0	
						29.0		5.46			72.6		3.92			3.8		
30/04/24	9:46:19	28 / Cloudy	Surface	1.0	21.5	7.4	7.4	6.75	6.76	6.21	79.9	80.0	3.34	3.36	2.10	2.9	2.8	4.0
						7.4		6.77			80.1		3.37			2.7		
			Middle	8.6	21.1	25.3	25.4	5.66	5.66		73.8	73.8	1.34	1.35		3.8	4.8	
						25.4		5.65			73.7		1.35			5.7		
			Bottom	16.3	21.0	29.1	29.1	5.50	5.50	5.50	73.3	73.3	1.60	1.61		3.5	4.3	
						29.2		5.50			73.3		1.62			5.1		

Remark: The SS value below 1.0 mg/L is reported as "1.0" mg/L and highlighted in yellow in the table.

Mid-Flood Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FC2

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	9:19:28	27 / Cloudy	Surface	1.0	20.4	26.7	26.7	9.26	9.33	9.30	120.2	121.1	0.08	0.09	0.09	1.7	1.9	2.2
						26.8		9.40			122.0		0.09			2.1		
			Middle	8.6	20.1	28.5	28.6	9.27	9.26		120.8	120.7	0.08	0.09		1.6	1.8	
						28.7		9.25			120.6		0.09			2.0		
			Bottom	16.0	19.6	30.7	30.8	8.90	8.88	8.88	116.4	116.1	0.09	0.11		3.4	3.0	
						30.9		8.85			115.7		0.12			2.6		
03/04/24	11:06:54	27 / Cloudy	Surface	1.0	20.8	24.4	24.4	9.59	9.58	9.33	123.7	123.6	0.11	0.12	0.18	2.0	2.6	2.3
						24.5		9.57			123.4		0.12			3.1		
			Middle	9.0	20.4	27.3	27.3	9.10	9.08		118.4	118.1	0.19	0.20		1.7	2.1	
						27.3		9.05			117.8		0.20			2.5		
			Bottom	17.1	19.8	30.8	30.8	7.75	7.74	7.74	101.8	101.7	0.22	0.23		2.4	2.2	
						30.8		7.72			101.5		0.24			2.0		
06/04/24	16:00:23	24 / Rain	Surface	1.0	20.4	24.9	24.9	9.12	9.09	8.88	117.0	116.7	0.85	0.84	0.90	2.2	2.8	2.5
						24.9		9.06			116.3		0.83			3.3		
			Middle	8.4	20.2	29.2	29.2	8.67	8.66		113.7	113.6	0.90	0.91		2.2	2.3	
						29.3		8.65			113.5		0.92			2.3		
			Bottom	15.6	20.0	30.8	30.8	8.32	8.31	8.31	109.7	109.6	0.95	0.96		2.5	2.6	
						30.8		8.30			109.5		0.96			2.6		
09/04/24	19:03:24	23 / Cloudy	Surface	1.0	20.8	24.9	24.9	7.04	7.04	7.02	91.1	91.1	1.17	1.17	1.18	3.5	4.3	4.2
						24.9		7.04			91.1		1.16			5.0		
			Middle	7.4	20.8	25.2	25.2	7.01	7.01		90.9	90.9	1.21	1.21		3.2	3.9	
						25.3		7.00			90.8		1.20			4.5		
			Bottom	14.0	20.6	28.4	28.4	6.78	6.77	6.77	89.1	88.9	1.15	1.17		4.9	4.6	
						28.4		6.75			88.7		1.19			4.2		
11/04/24	8:48:54	24 / Cloudy	Surface	1.0	20.5	26.4	26.4	6.75	6.74	6.69	87.6	87.5	1.40	1.40	1.85	2.8	2.6	3.1
						26.4		6.73			87.3		1.40			2.3		
			Middle	8.5	20.5	28.5	28.5	6.64	6.63		87.2	87.1	2.04	2.06		2.7	3.4	
						28.6		6.62			87.0		2.07			4.0		
			Bottom	15.8	20.5	28.9	28.9	6.61	6.61	6.61	87.0	87.0	2.08	2.09		4.3	3.4	
						29.0		6.61			87.0		2.09			2.4		
13/04/24	8:55:06	27 / Fine	Surface	1.0	21.0	24.1	24.1	6.55	6.55	6.51	84.6	84.6	1.25	1.25	1.04	4.6	4.1	4.1
						24.1		6.54			84.5		1.24			3.6		
			Middle	7.8	20.7	27.8	27.9	6.49	6.48		85.2	85.1	0.67	0.69		5.2	4.6	
						27.9		6.47			85.0		0.70			4.0		
			Bottom	14.5	20.6	29.4	29.4	6.42	6.41	6.41	84.9	84.8	1.17	1.18		2.8	3.7	
						29.4		6.40			84.6		1.19			4.6		
15/04/24	8:09:16	27 / Fine	Surface	1.0	22.0	20.1	20.1	7.82	7.82	7.39	100.5	100.5	0.63	0.63	0.48	1.8	2.1	2.3
						20.1		7.82			100.5		0.63			2.3		
			Middle	7.4	21.1	27.8	27.8	6.96	6.97		92.2	92.2	0.43	0.45		2.1	2.8	
						27.9		6.97			92.2		0.47			3.4		
			Bottom	13.5	20.9	30.7	30.7	6.78	6.77	6.77	90.9	90.7	0.35	0.35		2.4	2.2	
						30.7		6.75			90.4		0.35			1.9		
17/04/24	9:00:23	28 / Fine	Surface	1.0	22.1	20.6	20.7	7.96	7.96	7.39	102.8	102.7	1.04	1.04	1.45	4.3	4.1	3.6
						20.7		7.95			102.5		1.03			3.8		
			Middle	7.6	21.4	28.7	28.7	6.84	6.83		91.4	91.3	1.56	1.57		3.0	3.5	
						28.7		6.82			91.2		1.58			3.9		
			Bottom	14.1	21.1	30.6	30.6	6.53	6.52	6.52	87.8	87.5	1.74	1.74		2.8	3.3	
						30.7		6.50			87.2		1.73			3.7		
19/04/24	16:16:55	27 / Cloudy	Surface	1.0	22.2	20.5	20.5	7.99	7.98	7.29	103.3	103.1	1.15	1.16	1.75	2.1	2.0	2.4
						20.5		7.96			102.9		1.16			1.9		
			Middle	8.2	21.2	28.6	28.6	6.62	6.61		88.1	88.0	1.75	1.76		2.9	2.4	
						28.6		6.60			87.9		1.77			1.8		
			Bottom	15.4	21.0	31.5	31.5	6.08	6.06	6.06	82.0	81.7	2.33	2.35		2.5	2.7	
						31.5		6.03			81.3		2.36			2.9		
23/04/24	18:50:32	25 / Rain	Surface	1.0	24.0	20.1	20.1	6.82	6.81	6.62	90.9	90.7	1.33	1.32	1.49	3.6	3.0	3.1
						20.1		6.79			90.5		1.31			2.4		
			Middle	8.6	23.8	26.5	26.5	6.44	6.44		88.7	88.7	1.45	1.47		2.7	3.1	
						26.5		6.43			88.6		1.48			3.5		
			Bottom	16.1	23.5	27.3	27.3	6.19	6.17	6.17	85.2	84.9	1.69	1.70		3.0	3.2	
						27.4		6.15			84.5		1.70			3.4		
25/04/24	7:53:50	26 / Cloudy	Surface	1.0	24.2	28.5	28.6	6.58	6.58	6.42	92.4	92.3	1.67	1.68	1.95	4.6	3.8	3.8
						28.6		6.57			92.1		1.68			2.9		
			Middle	8.7	23.7	30.1	30.1	6.27	6.26		88.0	87.8	2.02	2.03		3.2	4.0	
						30.1		6.24			87.6		2.04			4.8		
			Bottom	16.5	23.4	31.3	31.3	6.02	6.00	6.00	84.7	84.4	2.13	2.15		3.0	3.7	
						31.4		5.98			84.0		2.16			4.4		
27/04/24	7:30:01	28 / Fine	Surface	1.0	21.3	14.3	14.3	6.89	6.86	6.43	84.6	84.2	2.09	2.06	2.84	4.3	4.9	4.1
						14.4		6.82			83.7		2.02			5.4		
			Middle	8.3	21.2	19.1	19.1	6.01	6.01		75.7	75.6	2.25	2.28		3.0	3.8	
						19.2		6.00			75.5		2.31			4.6		
			Bottom	15.4	21.1	28.6	28.7	5.53	5.52	5.52	73.5	73.3	4.19	4.20		3.6	3.7	
						28.7		5.50			73.1		4.20			3.8		
30/04/24	10:00:01	28 / Cloudy	Surface	1.0	21.6	7.4	7.4	6.94	6.94	6.59	82.2	82.2	4.71	4.71	2.54	3.8	4.8	3.6
						7.4		6.93			82.2		4.71			5.8		
			Middle	7.7	21.5	14.4	14.3	6.23	6.24		76.8	76.8	1.23	1.25		2.0	2.9	
						14.3		6.24			76.8		1.26			3.7		
			Bottom	14.3	21.2	28.9	28.9	5.64	5.63	5.63	75.3	75.2	1.68	1.65		3.5	3.1	
						29.0		5.62			75.0		1.62			2.7		

Mid-Ebb Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FC1

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	15:15:07	27 / Cloudy	Surface	1.0	20.5	26.1	26.1	9.47	9.48	9.32	122.7	122.8	0.10	0.09	0.07	2.2	2.7	3.1
						26.1		9.48			122.8		0.08			3.1		
			Middle	9.9	20.0	29.4	29.5	9.18	9.16		120.0	119.6	0.04	0.06		4.1	4.1	
						29.5		9.13			119.2		0.07			4.0		
			Bottom	18.7	19.5	31.2	31.2	8.69	8.69	8.69	113.7	113.7	0.07	0.07		1.7	2.5	
						31.2		8.68			113.6		0.06			3.2		
03/04/24	18:19:55	27 / Cloudy	Surface	1.0	20.9	25.3	25.3	9.33	9.32	8.70	121.1	121.0	0.16	0.14	0.26	2.9	2.7	3.3
						25.3		9.31			120.8		0.12			2.5		
			Middle	11.1	19.9	31.0	31.0	8.10	8.08		106.7	106.4	0.29	0.30		3.2	3.2	
						31.0		8.06			106.0		0.31			3.2		
			Bottom	21.3	19.7	31.2	31.3	7.74	7.73	7.73	101.8	101.6	0.34	0.35		3.8	4.0	
						31.3		7.71			101.4		0.35			4.2		
06/04/24	11:00:17	24 / Rain	Surface	1.0	20.5	24.6	24.6	8.74	8.73	8.54	112.2	112.0	0.83	0.84	0.90	2.5	3.2	3.1
						24.7		8.72			111.8		0.85			3.8		
			Middle	10.6	20.1	28.6	28.6	8.36	8.36		109.0	109.0	0.90	0.91		3.3	3.3	
						28.6		8.35			108.9		0.91			3.3		
			Bottom	20.1	19.8	30.3	30.3	7.91	7.90	7.90	103.6	103.4	0.97	0.97		3.3	2.7	
						30.3		7.88			103.2		0.96			2.1		
09/04/24	13:55:13	23 / Cloudy	Surface	1.0	20.7	27.4	27.4	6.80	6.80	6.76	89.0	89.0	1.19	1.20	1.29	4.0	4.5	4.8
						27.4		6.80			89.0		1.21			5.0		
			Middle	11.1	20.6	28.3	28.4	6.74	6.73		88.5	88.4	1.20	1.18		5.2	4.6	
						28.6		6.71			88.3		1.15			4.0		
			Bottom	21.2	20.5	29.4	29.4	6.63	6.63	6.63	87.6	87.6	1.51	1.49		4.4	5.4	
						29.4		6.63			87.6		1.47			6.4		
11/04/24	15:26:50	24 / Cloudy	Surface	1.0	20.6	26.8	26.8	6.76	6.75	6.67	88.1	88.0	1.56	1.55	1.96	5.4	5.1	4.2
						26.8		6.74			87.8		1.54			4.8		
			Middle	10.6	20.5	29.3	29.3	6.60	6.59		87.1	86.9	1.94	1.95		3.6	3.7	
						29.4		6.57			86.7		1.96			3.8		
			Bottom	20.1	20.5	29.4	29.4	6.54	6.54	6.54	86.3	86.4	2.39	2.39		3.3	3.7	
						29.4		6.54			86.4		2.39			4.1		
13/04/24	15:50:04	27 / Fine	Surface	1.0	21.0	23.8	23.8	6.52	6.51	6.46	84.1	84.0	1.35	1.36	1.07	2.1	1.9	2.7
						23.8		6.50			83.8		1.36			1.7		
			Middle	11.5	20.6	29.0	29.0	6.41	6.41		84.6	84.6	0.73	0.73		1.6	1.7	
						29.0		6.41			84.6		0.73			1.7		
			Bottom	21.9	20.6	29.3	29.4	6.39	6.39	6.39	84.5	84.5	1.13	1.12		5.4	4.4	
						29.4		6.39			84.5		1.11			3.4		
15/04/24	16:02:12	27 / Fine	Surface	1.0	22.0	20.1	20.1	7.84	7.85	7.32	100.7	100.9	0.62	0.62	0.63	1.1	1.4	2.5
						20.1		7.86			101.0		0.61			1.6		
			Middle	11.5	21.0	30.5	30.5	6.78	6.78		90.9	90.8	0.43	0.45		2.0	1.9	
						30.6		6.78			90.7		0.46			1.8		
			Bottom	21.7	20.6	31.2	31.3	6.71	6.70	6.70	89.8	89.6	0.81	0.82		4.0	4.2	
						31.3		6.68			89.4		0.82			4.4		
17/04/24	18:30:23	28 / Fine	Surface	1.0	22.1	20.3	20.3	7.76	7.76	7.31	100.0	99.9	1.21	1.23	1.58	2.4	2.7	3.3
						20.3		7.75			99.7		1.24			3.0		
			Middle	11.3	21.3	29.5	29.5	6.87	6.86		92.1	91.9	1.68	1.69		2.1	3.3	
						29.5		6.85			91.6		1.69			4.5		
			Bottom	21.6	20.9	30.7	30.7	6.35	6.34	6.34	85.1	84.9	1.84	1.84		3.8	4.0	
						30.7		6.33			84.7		1.83			4.2		
19/04/24	11:24:03	27 / Cloudy	Surface	1.0	21.8	21.1	21.1	7.77	7.76	7.16	100.1	99.9	1.30	1.31	1.94	1.6	1.7	2.3
						21.1		7.74			99.7		1.32			1.7		
			Middle	11.1	21.2	30.5	30.5	6.59	6.57		88.7	88.4	2.01	2.02		1.8	1.7	
						30.5		6.55			88.0		2.03			1.5		
			Bottom	21.2	21.0	31.8	31.8	5.98	5.97	5.97	80.8	80.7	2.48	2.50		3.3	3.6	
						31.8		5.96			80.5		2.52			3.9		
23/04/24	12:51:39	25 / Rain	Surface	1.0	24.0	20.5	20.5	6.79	6.78	6.57	90.7	90.5	1.27	1.28	1.42	4.4	3.6	3.3
						20.5		6.76			90.3		1.28			2.7		
			Middle	11.2	23.6	26.8	26.8	6.37	6.37		87.6	87.6	1.36	1.35		2.9	3.1	
						26.9		6.36			87.5		1.34			3.2		
			Bottom	21.3	23.2	27.8	27.8	6.13	6.12	6.12	84.2	84.1	1.62	1.64		3.3	3.2	
						27.8		6.11			83.9		1.65			3.0		
25/04/24	14:03:43	26 / Cloudy	Surface	1.0	24.3	28.7	28.7	6.71	6.70	6.56	94.4	94.3	1.45	1.47	1.85	3.8	4.3	4.4
						28.7		6.69			94.2		1.48			4.7		
			Middle	10.6	23.8	30.3	30.3	6.44	6.43		90.7	90.4	1.87	1.87		3.2	4.4	
						30.3		6.41			90.1		1.86			5.6		
			Bottom	20.0	23.4	31.6	31.6	6.28	6.26	6.26	88.5	88.2	2.22	2.23		5.5	4.7	
						31.6		6.23			87.8		2.24			3.8		
27/04/24	14:00:13	28 / Fine	Surface	1.0	21.3	15.3	15.3	6.39	6.37	5.91	78.8	78.6	2.09	2.07	3.06	2.8	2.6	3.2
						15.3		6.35			78.3		2.05			2.3		
			Middle	10.6	21.1	28.2	28.2	5.45	5.45		72.1	72.1	2.33	2.35		2.2	2.3	
						28.3		5.44			72.0		2.36			2.3		
			Bottom	20.2	20.9	29.7	29.8	5.27	5.27	5.27	70.3	70.3	4.75	4.76		4.8	4.9	
						29.8		5.26			70.2		4.77			4.9		
30/04/24	17:12:47	28 / Cloudy	Surface	1.0	21.6	7.7	7.6	6.79	6.81	6.22	80.6	80.9	4.43	4.45	2.64	5.1	5.0	4.6
						7.6		6.83			81.1		4.46			4.9		
			Middle	11.5	21.3	28.3	28.3	5.63	5.62		75.1	74.9	1.85	1.86		4.4	5.0	
						28.3		5.61			74.7		1.86			5.5		
			Bottom	21.3	21.0	29.5	29.6	5.51	5.51	5.51	73.5	73.5	1.57	1.61		3.5	3.9	
						29.7		5.51			73.5		1.64			4.3		

Mid-Ebb Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FM1

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	15:35:06	27 / Cloudy	Surface	1.0	20.6	26.0	26.0	9.43	9.43	9.33	122.2	122.2	0.09	0.09	0.05	3.0	2.7	2.7
						26.1		9.42			122.1		0.09			2.3		
			Middle	9.3	20.2	28.9	29.0	9.25	9.24		121.0	120.8	0.05	0.04		3.2	3.5	
						29.1		9.22			120.5		0.02			3.7		
			Bottom	17.4	19.8	29.8	30.0	9.07	9.05	9.05	118.5	118.2	0.02	0.03		2.1	2.1	
						30.1		9.03			117.9		0.03			2.1		
03/04/24	18:39:50	27 / Cloudy	Surface	1.0	20.9	25.0	25.0	9.26	9.25	8.86	120.0	119.7	0.15	0.14	0.19	2.6	3.3	2.9
						25.0		9.23			119.4		0.12			4.0		
			Middle	8.6	20.2	28.1	28.2	8.49	8.48		110.6	110.5	0.19	0.20		2.9	3.3	
						28.2		8.47			110.4		0.20			3.7		
			Bottom	16.2	20.0	30.0	30.0	8.01	8.00	8.00	105.1	105.0	0.26	0.25		2.1	2.1	
						30.0		7.98			104.8		0.24			2.1		
06/04/24	11:19:03	24 / Rain	Surface	1.0	20.5	24.8	24.8	8.85	8.85	8.65	113.7	113.7	0.79	0.80	0.87	1.8	1.9	3.2
						24.8		8.84			113.6		0.80			2.0		
			Middle	8.3	20.2	28.5	28.5	8.47	8.46		110.6	110.3	0.86	0.87		3.7	4.1	
						28.5		8.44			110.0		0.87			4.5		
			Bottom	15.7	19.9	30.3	30.3	8.03	8.02	8.02	105.4	105.1	0.93	0.95		3.6	3.7	
						30.4		8.00			104.8		0.96			3.7		
09/04/24	13:29:08	23 / Cloudy	Surface	1.0	20.7	27.3	27.3	6.80	6.80	6.77	89.0	89.0	1.12	1.12	1.17	4.4	4.2	3.8
						27.3		6.80			89.0		1.12			3.9		
			Middle	9.1	20.6	28.3	28.4	6.74	6.73		88.5	88.4	1.09	1.07		3.2	3.0	
						28.5		6.72			88.3		1.04			2.7		
			Bottom	17.3	20.6	29.2	29.2	6.65	6.65	6.65	87.8	87.8	1.34	1.33		3.7	4.2	
						29.2		6.65			87.7		1.31			4.7		
11/04/24	14:59:05	24 / Cloudy	Surface	1.0	20.5	26.6	26.6	6.77	6.75	6.68	87.9	87.7	1.45	1.42	1.85	3.2	3.1	4.1
						26.7		6.73			87.4		1.39			2.9		
			Middle	9.4	20.5	29.0	29.0	6.62	6.61		87.2	87.0	1.85	1.85		4.1	3.6	
						29.0		6.59			86.8		1.85			3.1		
			Bottom	17.8	20.5	29.2	29.2	6.55	6.54	6.54	86.4	86.3	2.26	2.27		6.0	5.6	
						29.2		6.53			86.1		2.27			5.1		
13/04/24	15:36:56	27 / Fine	Surface	1.0	21.1	23.7	23.7	6.58	6.57	6.48	84.9	84.8	1.29	1.30	1.11	4.6	4.1	2.9
						23.7		6.56			84.7		1.31			3.6		
			Middle	10.1	20.9	28.1	28.1	6.38	6.38		84.2	84.2	1.09	1.08		1.2	1.7	
						28.1		6.38			84.2		1.07			2.2		
			Bottom	19.2	20.6	29.1	29.1	6.36	6.36	6.36	84.0	83.9	0.95	0.96		2.9	3.0	
						29.1		6.35			83.8		0.96			3.0		
15/04/24	16:19:05	27 / Fine	Surface	1.0	22.0	20.5	20.4	7.73	7.74	7.31	99.4	99.6	0.62	0.63	0.54	2.6	1.8	2.2
						20.4		7.75			99.7		0.64			1.0		
			Middle	9.6	21.5	27.9	28.1	6.87	6.88		91.5	91.5	0.40	0.42		2.4	2.5	
						28.3		6.88			91.5		0.43			2.5		
			Bottom	18.1	20.7	30.9	30.9	6.73	6.71	6.71	89.9	89.7	0.54	0.58		2.6	2.4	
						30.9		6.69			89.4		0.61			2.2		
17/04/24	18:47:29	28 / Fine	Surface	1.0	22.0	19.8	19.8	7.86	7.86	7.26	100.9	100.9	1.32	1.33	1.67	4.7	4.3	3.4
						19.9		7.85			100.8		1.34			3.8		
			Middle	9.5	21.5	28.8	28.8	6.68	6.67		89.5	89.3	1.79	1.80		4.1	4.0	
						28.8		6.65			89.0		1.80			3.8		
			Bottom	17.8	20.9	30.2	30.2	6.21	6.20	6.20	83.0	82.8	1.86	1.87		2.3	1.9	
						30.2		6.18			82.6		1.88			1.4		
19/04/24	11:11:04	27 / Cloudy	Surface	1.0	22.6	19.8	19.8	8.28	8.27	7.73	107.4	107.3	1.21	1.22	1.43	1.4	1.7	2.1
						19.8		8.26			107.1		1.23			2.0		
			Middle	9.6	22.0	29.0	29.1	7.19	7.18		97.3	97.2	1.26	1.27		2.1	2.5	
						29.1		7.17			97.1		1.27			2.8		
			Bottom	18.0	21.4	30.8	30.8	6.40	6.39	6.39	86.6	86.3	1.81	1.82		2.3	2.0	
						30.8		6.37			86.0		1.82			1.7		
23/04/24	12:35:41	25 / Rain	Surface	1.0	24.1	20.2	20.3	6.91	6.90	6.71	92.3	92.1	1.13	1.13	1.28	3.5	3.1	3.2
						20.3		6.88			91.8		1.12			2.6		
			Middle	9.7	23.8	27.3	27.3	6.54	6.53		90.5	90.3	1.25	1.26		2.3	1.9	
						27.4		6.52			90.1		1.27			1.5		
			Bottom	18.3	23.3	28.2	28.2	6.34	6.34	6.34	87.4	87.3	1.44	1.45		3.4	4.5	
						28.2		6.33			87.1		1.46			5.6		
25/04/24	13:40:51	26 / Cloudy	Surface	1.0	24.3	28.5	28.5	6.67	6.66	6.51	93.8	93.5	1.46	1.48	1.88	4.6	4.7	4.0
						28.5		6.64			93.2		1.49			4.7		
			Middle	9.2	23.8	30.3	30.3	6.38	6.37		89.8	89.6	1.78	1.81		3.4	4.0	
						30.3		6.35			89.4		1.83			4.5		
			Bottom	17.3	23.5	31.4	31.4	6.12	6.11	6.11	86.2	86.0	2.35	2.36		3.1	3.3	
						31.4		6.09			85.8		2.36			3.5		
27/04/24	14:20:04	28 / Fine	Surface	1.0	21.3	14.3	14.4	6.64	6.63	6.21	81.4	81.4	2.26	2.26	3.21	1.9	2.1	3.5
						14.5		6.62			81.3		2.26			2.3		
			Middle	8.8	21.1	27.4	27.5	5.79	5.78		76.4	76.3	2.45	2.52		3.3	3.9	
						27.6		5.77			76.2		2.59			4.4		
			Bottom	17.1	20.9	29.2	29.3	5.53	5.52	5.52	73.5	73.4	4.86	4.85		3.4	4.4	
						29.4		5.51			73.3		4.83			5.4		
30/04/24	16:47:56	28 / Cloudy	Surface	1.0	21.8	7.7	7.5	7.39	7.37	6.63	88.0	87.7	4.04	4.03	2.34	4.4	4.8	4.8
						7.4		7.35			87.3		4.02			5.2		
			Middle	9.2	21.3	25.9	25.8	5.89	5.89		77.4	77.3	1.76	1.75		5.3	6.0	
						25.7		5.88			77.1		1.74			6.6		
			Bottom	17.2	21.0	29.4	29.4	5.58	5.58	5.58	74.3	74.3	1.20	1.24		3.2	3.5	
						29.5		5.57			74.3		1.27			3.8		

Mid-Ebb Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Monitoring Station : TM-FM2

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	15:49:05	27 / Cloudy	Surface	1.0	20.4	26.8	26.8	9.47	9.47	9.39	123.0	123.0	0.08	0.08	0.05	2.0	2.6	2.8
						26.8		9.47			123.0		0.07			3.1		
			Middle	8.0	20.1	28.4	28.6	9.32	9.30		121.5	121.2	0.02	0.02		3.5	3.8	
						28.8		9.28			120.9		0.01			4.1		
			Bottom	15.0	19.9	29.5	29.5	9.13	9.13	9.13	119.2	119.2	0.05	0.06		2.0	2.0	
						29.5		9.12			119.1		0.06			1.9		
03/04/24	19:01:53	27 / Cloudy	Surface	1.0	20.8	25.0	25.0	9.31	9.31	9.01	120.5	120.5	0.12	0.13	0.16	3.3	3.0	3.7
						25.1		9.30			120.4		0.13			2.6		
			Middle	8.3	20.1	28.1	28.1	8.72	8.71		113.4	113.2	0.17	0.17		4.2	3.6	
						28.1		8.69			113.0		0.17			3.0		
			Bottom	15.4	19.7	30.6	30.6	8.37	8.36	8.36	109.6	109.5	0.18	0.19		4.1	4.4	
						30.6		8.35			109.4		0.19			4.7		
06/04/24	11:36:18	24 / Rain	Surface	1.0	20.5	24.5	24.5	8.89	8.88	8.66	114.1	113.9	0.72	0.73	0.81	2.3	3.4	2.1
						24.6		8.86			113.7		0.73			4.4		
			Middle	8.1	20.2	28.4	28.4	8.45	8.44		110.3	110.1	0.81	0.82		1.4	1.4	
						28.5		8.42			109.9		0.83			1.4		
			Bottom	15.2	19.9	30.1	30.1	8.02	8.00	8.00	105.2	105.0	0.89	0.90		1.8	1.6	
						30.1		7.98			104.7		0.90			1.3		
09/04/24	13:10:16	23 / Cloudy	Surface	1.0	20.7	25.4	25.4	6.87	6.88	6.80	88.9	89.0	1.19	1.21	1.34	2.6	3.3	3.4
						25.5		6.88			89.1		1.23			4.0		
			Middle	8.5	20.6	28.1	28.2	6.74	6.73		88.4	88.4	1.14	1.16		2.7	2.9	
						28.3		6.72			88.3		1.18			3.0		
			Bottom	16.2	20.6	29.3	29.3	6.68	6.68	6.68	88.2	88.2	1.65	1.64		4.7	4.0	
						29.3		6.67			88.1		1.63			3.2		
11/04/24	14:39:58	24 / Cloudy	Surface	1.0	20.5	26.6	26.6	6.71	6.71	6.67	87.2	87.2	1.66	1.68	1.94	4.9	4.9	4.8
						26.6		6.71			87.2		1.70			4.9		
			Middle	8.9	20.5	29.3	29.3	6.70	6.64		88.4	87.6	1.80	1.81		5.6	5.2	
						29.3		6.57			86.7		1.81			4.8		
			Bottom	16.8	20.5	29.5	29.5	6.50	6.53	6.53	85.8	86.2	2.31	2.32		4.6	4.3	
						29.5		6.56			86.6		2.33			3.9		
13/04/24	15:22:57	27 / Fine	Surface	1.0	21.0	24.2	24.2	6.50	6.50	6.47	84.0	84.0	1.31	1.32	0.87	2.2	3.3	3.0
						24.2		6.49			83.9		1.33			4.3		
			Middle	9.6	20.7	28.7	28.7	6.44	6.44		85.0	85.0	0.67	0.67		3.7	3.2	
						28.7		6.43			84.9		0.67			2.6		
			Bottom	17.2	20.6	29.3	29.3	6.41	6.41	6.41	84.7	84.7	0.59	0.62		3.3	2.7	
						29.3		6.41			84.7		0.64			2.0		
15/04/24	16:37:20	27 / Fine	Surface	1.0	22.0	19.8	19.8	7.91	7.93	7.43	101.6	101.8	0.64	0.65	0.58	2.5	2.7	2.8
						19.7		7.94			101.9		0.65			2.8		
			Middle	9.4	21.4	28.0	28.3	6.93	6.93		92.3	92.2	0.43	0.44		2.0	2.8	
						28.5		6.92			92.1		0.45			3.5		
			Bottom	17.9	20.7	30.9	30.9	6.71	6.70	6.70	89.7	89.6	0.63	0.65		2.8	3.0	
						31.0		6.69			89.4		0.66			3.2		
17/04/24	19:06:10	28 / Fine	Surface	1.0	22.0	20.1	20.1	7.92	7.91	7.32	101.8	101.5	1.25	1.25	1.56	3.1	3.6	3.4
						20.1		7.89			101.2		1.24			4.1		
			Middle	9.4	21.5	29.5	29.5	6.73	6.73		90.5	90.5	1.60	1.61		4.4	4.2	
						29.5		6.72			90.4		1.62			4.0		
			Bottom	17.6	21.0	30.9	30.9	6.34	6.34	6.34	85.2	85.2	1.79	1.81		2.5	2.5	
						30.8		6.33			85.1		1.83			2.5		
19/04/24	10:55:57	27 / Cloudy	Surface	1.0	22.0	20.0	20.0	7.92	7.91	7.24	101.7	101.5	1.22	1.23	1.71	1.8	2.4	2.3
						20.0		7.89			101.2		1.23			3.0		
			Middle	9.2	21.4	30.2	30.2	6.58	6.57		88.7	88.5	1.62	1.63		1.9	2.1	
						30.2		6.56			88.3		1.64			2.3		
			Bottom	17.4	21.1	31.5	31.5	6.11	6.10	6.10	82.6	82.4	2.26	2.27		2.7	2.4	
						31.6		6.08			82.2		2.27			2.0		
23/04/24	12:18:17	25 / Rain	Surface	1.0	24.0	20.6	20.6	6.83	6.83	6.66	91.3	91.2	1.24	1.25	1.39	3.1	3.6	3.6
						20.6		6.82			91.1		1.25			4.0		
			Middle	9.3	23.7	27.1	27.1	6.49	6.49		89.6	89.5	1.32	1.34		3.8	3.0	
						27.1		6.48			89.4		1.36			2.2		
			Bottom	17.6	23.3	28.5	28.5	6.25	6.25	6.25	86.3	86.3	1.58	1.58		4.5	4.3	
						28.6		6.24			86.2		1.57			4.0		
25/04/24	13:22:32	26 / Cloudy	Surface	1.0	24.2	28.4	28.4	6.65	6.64	6.50	93.3	93.2	1.55	1.54	1.89	2.3	2.2	3.2
						28.4		6.63			93.0		1.53			2.0		
			Middle	8.9	23.9	30.2	30.2	6.37	6.37		89.8	89.7	1.93	1.94		3.2	3.0	
						30.3		6.36			89.5		1.94			2.8		
			Bottom	16.6	23.6	31.4	31.4	6.14	6.12	6.12	86.7	86.5	2.19	2.19		5.0	4.5	
						31.4		6.10			86.2		2.18			3.9		
27/04/24	14:35:11	28 / Fine	Surface	1.0	21.3	13.9	14.0	6.93	6.93	6.44	84.8	84.8	2.14	2.12	3.11	2.7	3.1	3.6
						14.0		6.92			84.8		2.10			3.5		
			Middle	8.7	21.2	25.8	26.1	5.99	5.96		78.4	78.2	2.47	2.46		4.0	3.4	
						26.3		5.93			77.9		2.44			2.8		
			Bottom	16.1	21.0	28.0	28.1	5.71	5.70	5.70	75.5	75.4	4.75	4.74		5.3	4.4	
						28.2		5.69			75.3		4.73			3.5		
30/04/24	16:23:51	28 / Cloudy	Surface	1.0	21.6	7.7	7.7	6.84	6.84	6.27	81.2	81.2	4.81	4.82	2.59	1.8	1.9	3.2
						7.7		6.83			81.2		4.82			2.0		
			Middle	9.0	21.2	25.2	25.2	5.71	5.71		74.5	74.4	1.70	1.69		3.9	3.3	
						25.2		5.70			74.3		1.67			2.7		
			Bottom	17.0	21.0	29.4	29.4	5.50	5.50	5.50	73.3	73.3	1.28	1.27		3.8	4.5	
						29.5		5.50			73.3		1.25			5.2		

Mid-Ebb Tide

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

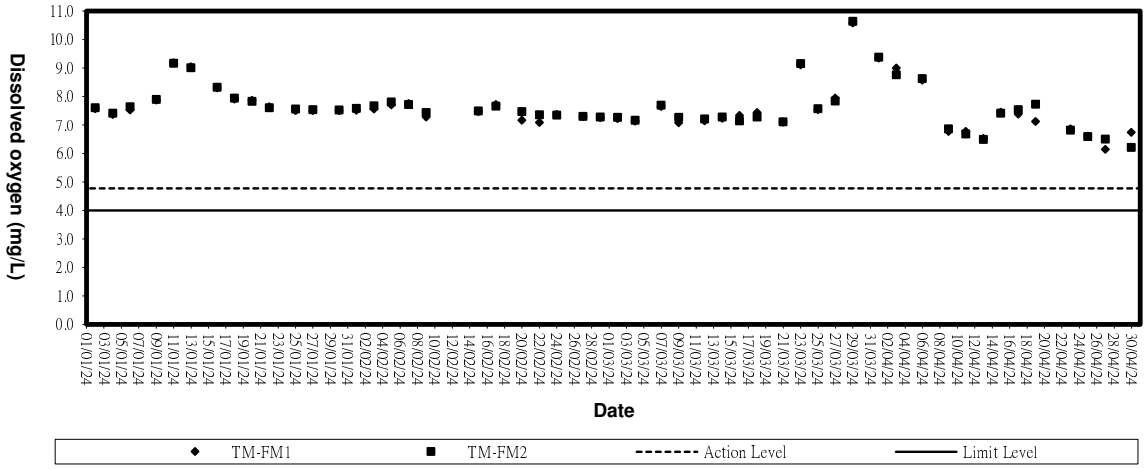
Monitoring Station : TM-FC2

Date	Time	Ambient Temp (°C) / Weather Condition	Monitoring Depth (m)		Temp (°C)	Salinity (ppt)		Dissolved Oxygen (mg/L)			Dissolved Oxygen Saturation (%)		Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Depth-average	Value	Average	Value	Average	Depth-average	Value	Average	Depth-average
01/04/24	16:06:07	27 / Cloudy	Surface	1.0	20.2	28.0	28.1	9.38	9.38	9.35	122.2	122.2	0.04	0.05	0.05	2.7	3.2	3.0
						28.1		9.38			122.2		0.06			3.7		
			Middle	7.9	20.1	28.7	28.8	9.33	9.32		121.7	121.5	0.07	0.07		2.1	1.9	
						28.9		9.30			121.3		0.07			1.7		
			Bottom	15.0	19.9	29.3	29.3	9.16	9.15	9.15	119.5	119.4	0.01	0.02		3.4	3.8	
						29.4		9.14			119.3		0.03			4.1		
03/04/24	19:18:51	27 / Cloudy	Surface	1.0	20.8	25.1	25.1	9.43	9.42	9.09	122.1	122.0	0.14	0.14	0.16	3.7	3.6	3.2
						25.2		9.41			121.9		0.13			3.4		
			Middle	7.8	20.2	27.8	27.8	8.78	8.77		114.2	114.0	0.18	0.18		2.2	2.9	
						27.8		8.75			113.8		0.17			3.5		
			Bottom	14.6	19.7	30.5	30.5	8.43	8.42	8.42	110.4	110.2	0.17	0.17		3.4	3.1	
						30.6		8.40			110.0		0.17			2.7		
06/04/24	11:56:23	24 / Rain	Surface	1.0	20.5	24.6	24.6	9.04	9.03	8.84	116.0	115.9	0.65	0.67	0.75	1.4	1.7	2.7
						24.6		9.02			115.8		0.68			1.9		
			Middle	7.6	20.2	28.8	28.8	8.66	8.66		113.3	113.3	0.76	0.77		2.5	3.4	
						28.8		8.65			113.2		0.77			4.2		
			Bottom	14.2	20.0	30.4	30.4	8.21	8.19	8.19	108.0	107.6	0.82	0.82		2.2	3.0	
						30.4		8.16			107.2		0.81			3.7		
09/04/24	12:50:45	23 / Cloudy	Surface	1.0	20.8	24.8	24.8	7.18	7.14	6.93	92.6	92.3	1.07	1.07	1.19	4.6	5.5	5.0
						24.9		7.10			91.9		1.06			6.3		
			Middle	8.1	20.6	28.4	28.4	6.72	6.72		88.4	88.4	1.10	1.12		5.1	5.0	
						28.4		6.72			88.3		1.13			4.9		
			Bottom	15.1	20.6	28.8	28.8	6.68	6.68	6.68	88.0	88.0	1.38	1.38		5.4	4.6	
						28.9		6.67			87.9		1.37			3.7		
11/04/24	14:17:55	24 / Cloudy	Surface	1.0	20.5	26.5	26.5	6.74	6.74	6.68	87.5	87.4	1.40	1.41	1.71	4.0	4.8	4.4
						26.5		6.73			87.3		1.42			5.5		
			Middle	7.9	20.5	28.9	28.9	6.63	6.63		87.3	87.3	1.75	1.76		5.2	4.3	
						28.9		6.62			87.2		1.76			3.3		
			Bottom	14.6	20.5	29.1	29.1	6.60	6.60	6.60	87.0	87.0	1.97	1.98		3.2	4.1	
						29.1		6.60			87.0		1.98			5.0		
13/04/24	15:12:06	27 / Fine	Surface	1.0	21.1	23.8	23.8	6.57	6.56	6.47	84.9	84.7	1.23	1.25	1.01	3.5	3.6	3.1
						23.8		6.54			84.5		1.26			3.6		
			Middle	8.2	21.0	27.6	27.6	6.39	6.39		84.3	84.2	1.10	1.11		3.7	3.6	
						27.6		6.38			84.1		1.12			3.4		
			Bottom	15.1	20.6	28.9	28.9	6.38	6.38	6.38	84.2	84.2	0.67	0.68		2.2	2.3	
						28.9		6.38			84.2		0.68			2.4		
15/04/24	16:52:32	27 / Fine	Surface	1.0	22.0	20.0	20.0	7.90	7.90	7.45	101.4	101.5	0.54	0.56	0.56	1.3	1.4	1.9
						20.0		7.90			101.5		0.57			1.4		
			Middle	6.3	21.4	26.9	27.0	7.00	7.00		92.7	92.6	0.62	0.62		2.2	1.7	
						27.0		7.00			92.5		0.62			1.1		
			Bottom	11.6	20.8	30.7	30.8	6.69	6.69	6.69	89.5	89.4	0.48	0.49		2.2	2.6	
						30.8		6.68			89.3		0.50			2.9		
17/04/24	19:24:23	28 / Fine	Surface	1.0	21.9	19.9	19.9	7.85	7.84	7.30	100.6	100.4	1.17	1.18	1.45	1.7	1.9	2.5
						19.9		7.82			100.2		1.18			2.0		
			Middle	6.6	21.6	28.4	28.4	6.77	6.76		90.7	90.5	1.46	1.47		2.6	2.2	
						28.5		6.74			90.3		1.48			1.8		
			Bottom	12.2	21.1	30.4	30.4	6.36	6.35	6.35	85.4	85.3	1.69	1.70		3.6	3.6	
						30.4		6.34			85.1		1.71			3.5		
19/04/24	10:37:57	27 / Cloudy	Surface	1.0	22.2	21.8	21.8	8.28	8.27	7.63	107.9	107.8	1.10	1.12	1.43	1.6	1.7	2.3
						21.8		8.26			107.6		1.14			1.7		
			Middle	9.0	21.8	29.2	29.2	7.00	6.99		94.5	94.3	1.21	1.22		3.0	3.2	
						29.2		6.98			94.1		1.22			3.4		
			Bottom	17.1	21.1	31.3	31.3	6.36	6.36	6.36	85.8	85.8	1.95	1.96		2.7	2.0	
						31.3		6.35			85.7		1.97			1.3		
23/04/24	12:00:33	25 / Rain	Surface	1.0	23.9	20.3	20.3	7.08	7.07	6.85	94.3	94.2	1.36	1.37	1.50	2.8	2.9	3.4
						20.4		7.06			94.1		1.38			3.0		
			Middle	9.1	23.6	27.0	27.0	6.63	6.62		91.3	91.2	1.45	1.45		2.5	3.0	
						27.0		6.61			91.0		1.44			3.4		
			Bottom	17.1	23.3	27.5	27.5	6.42	6.41	6.41	88.2	87.9	1.67	1.68		4.2	4.5	
						27.5		6.39			87.6		1.69			4.7		
25/04/24	13:01:41	26 / Cloudy	Surface	1.0	24.2	28.5	28.5	6.56	6.55	6.39	92.1	91.9	1.44	1.46	1.77	1.5	2.3	2.3
						28.6		6.53			91.7		1.48			3.0		
			Middle	8.3	23.9	30.1	30.1	6.25	6.24		88.1	88.0	1.81	1.82		2.8	2.8	
						30.1		6.23			87.8		1.83			2.8		
			Bottom	15.7	23.6	31.3	31.3	5.98	5.97	5.97	84.4	84.2	2.01	2.03		1.5	1.9	
						31.4		5.96			84.0		2.05			2.3		
27/04/24	14:53:02	28 / Fine	Surface	1.0	21.3	14.3	14.3	6.82	6.80	6.40	83.6	83.4	2.17	2.18	3.07	3.1	3.8	3.3
						14.3		6.78			83.2		2.19			4.4		
			Middle	7.3	21.2	19.9	20.8	6.05	6.00		76.4	76.3	2.46	2.44		2.8	3.3	
						21.7		5.94			76.1		2.42			3.8		
			Bottom	14.0	21.1	28.8	28.9	5.58	5.56	5.56	74.1	73.9	4.57	4.59		2.9	2.9	
						28.9		5.53			73.6		4.61			2.8		
30/04/24	16:12:33	28 / Cloudy	Surface	1.0	21.6	7.3	7.3	6.83	6.84	6.38	80.9	81.0	4.66	4.70	2.71	3.4	3.8	3.7
						7.3		6.84			81.0		4.73			4.2		
			Middle	8.3	21.5	22.1	22.1	5.94	5.93		76.6	76.3	1.88	1.90		4.0	3.6	
						22.0		5.91			76.0		1.92			3.2		
			Bottom	15.6	21.1	29.2	29.3	5.54	5.53	5.53	73.9	73.8	1.53	1.54		3.8	3.6	
						29.4		5.52			73.6		1.54			3.3		

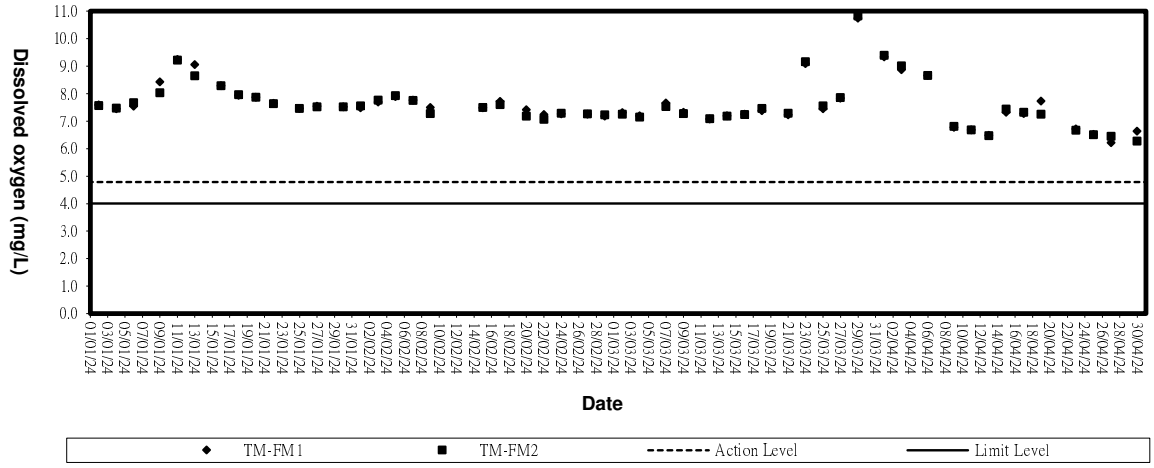
Appendix C3

Graphical Plots of Impact Marine Water Quality Monitoring Data

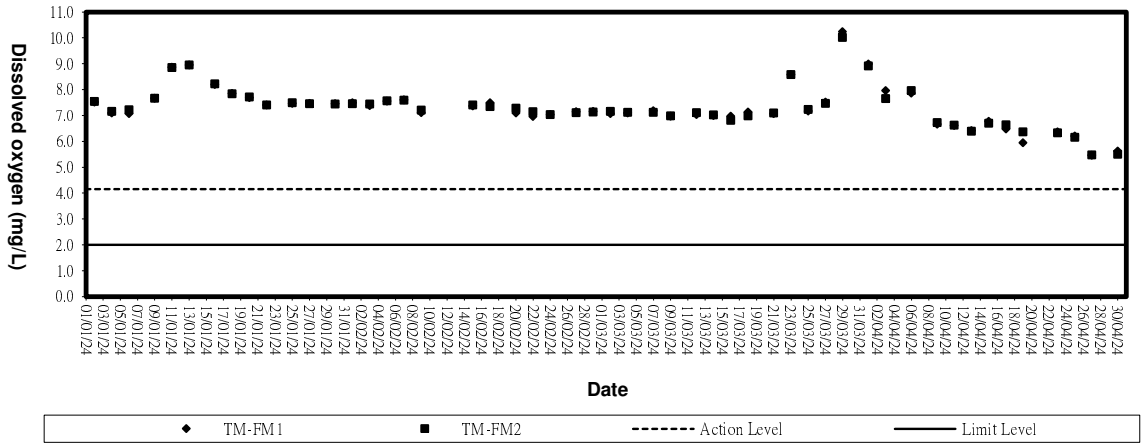
Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



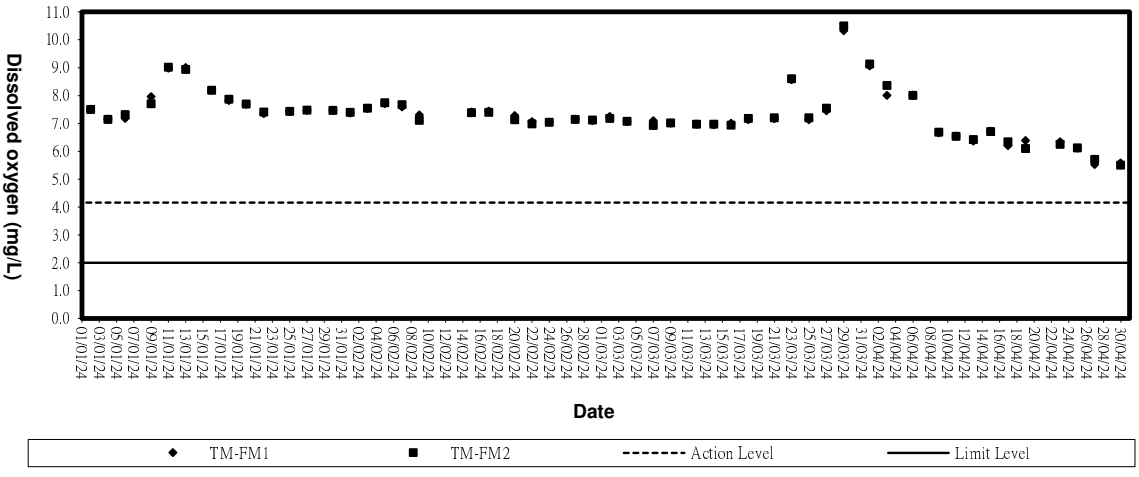
Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



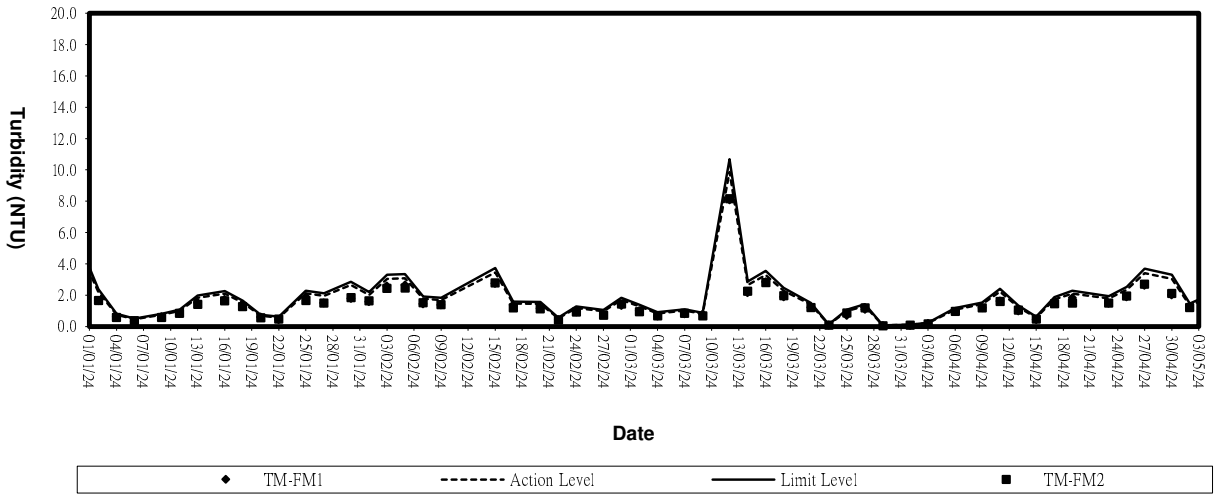
Dissolved Oxygen (Bottom) at Mid-Flood Tide



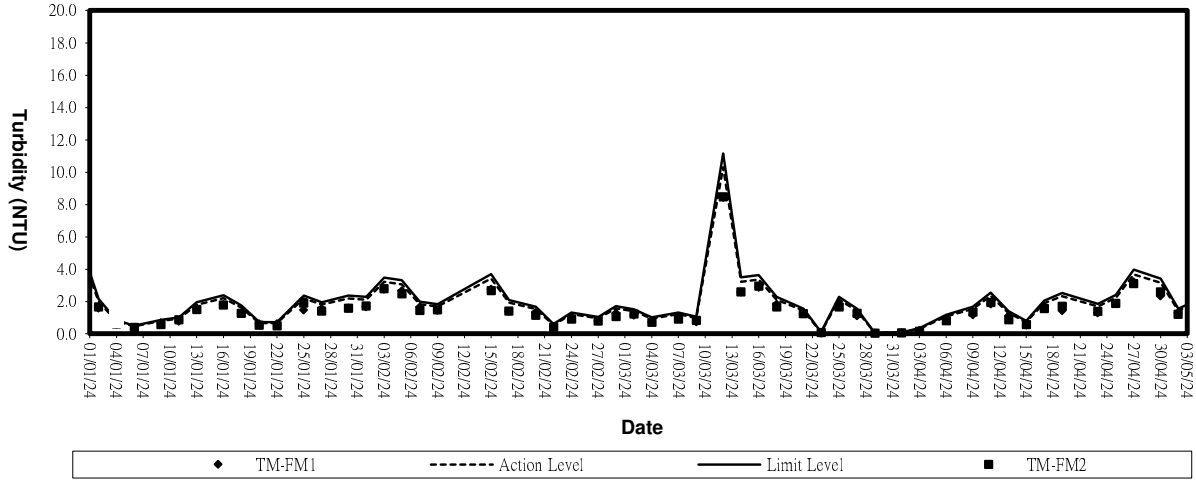
Dissolved Oxygen (Bottom) at Mid-Ebb Tide



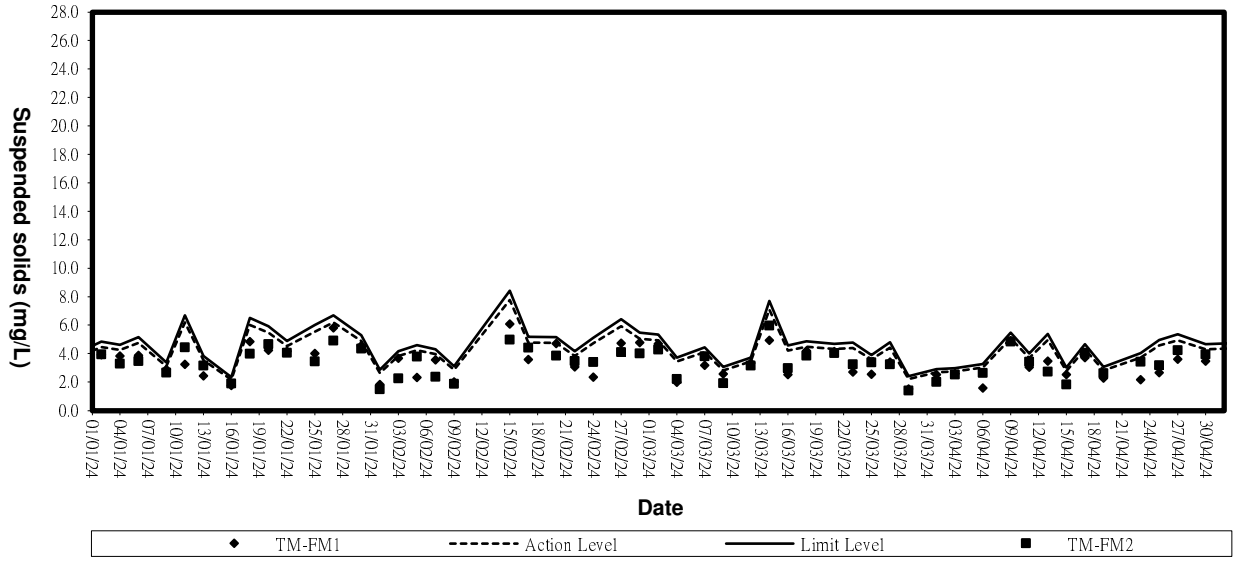
Turbidity (Depth-average) at Mid-Flood Tide



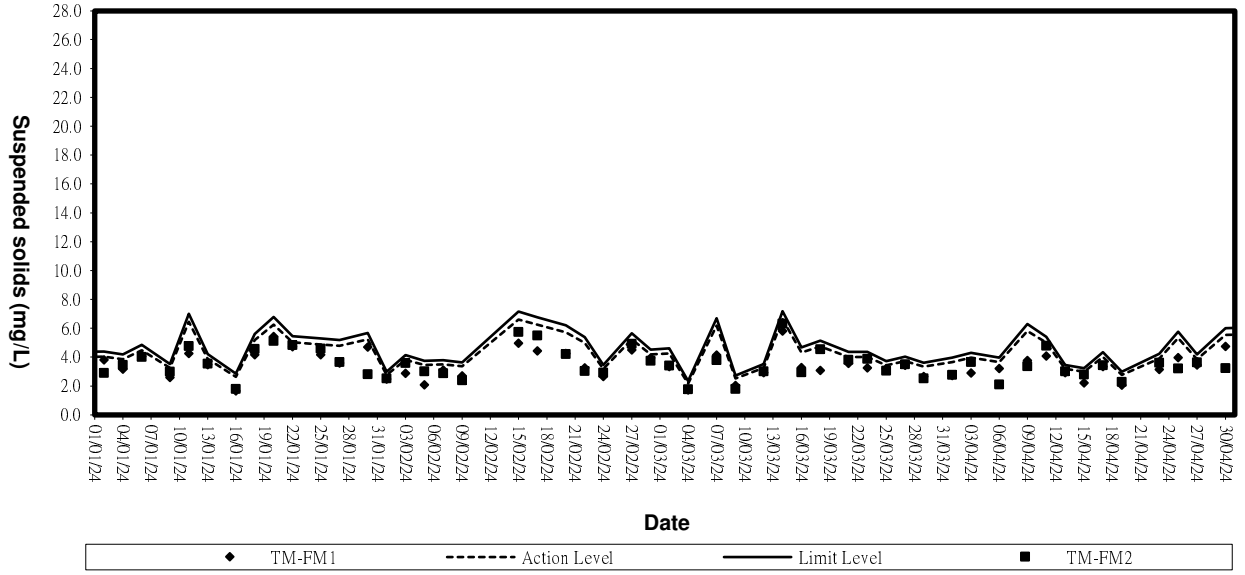
Turbidity (Depth-average) at Mid-Ebb Tide



Suspended solids (Depth-average) at Mid-Flood Tide



Suspended Solids (Depth-average) at Mid-Ebb Tide



Appendix D1

Calibration Certificates for Impact Noise Monitoring Equipments

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : **CSA38446**

Page : 1 of 2

Information Provided by Customer

Customer : ETS - Testconsult Limited

Address : 8/F., Block B, Veristrong Industrial Centre, 34 - 36 Au Pui Wan Street, Fotan, Shatin, Hong Kong

Information of Unit-under-test (UUT)

Description	: Sound Level Calibrator		
Manufacturer	: RION	Equipment I.D.	: ET/EN/002/01
Type	: NC-73	Serial No.	: 10196943

Laboratory Information

Lab. Ref. No.	: Q/CAL/23/9463/I	Procedure	: CQS/002/A
Date of Calibration	: 23-Nov-2023	Date of Receipt	: 15-Nov-2023
Date of Issue	: 24-Nov-2023	Calibration Location	: Calibration Laboratory

Calibration Condition

Ambient Temperature	: (20 ± 3) °C	Relative Humidity	: (50±20) %
Stabilizing Time	: 30 minutes	Sampling	: As received
Ambient Pressure	: (1000 ± 50) hPa		

Reference equipment

- Multi-function sound calibrator, ET/2801/01
- Measuring Amplifier, ET/2702/01/01
- Signal generator, ET/2503/01
- Reference Oscilloscope, ET/2502/01

Calibration specification

- To perform the calibration of sound level calibrator.

Calibration result

- The results are detailed on the subsequent pages.

Remarks

- The calibration results apply to the particular unit-under-test only.
- The values given in this calibration certificate only to the values measureed at the time of test & any uncertainties quoted will not include allowance for the equipment long term drift, varifications with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement

Calibrated By : Tony MA
(Technician)

Approved By: CHAN Chi Wai

The results shown in this certificate are traceable to the International System of Units (SI) or recognised measurement standards.
This report shall not be reproduced unless with prior written approval from this laboratory.

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA38446

Calibration Result:

1. Measured Sound Pressure Level:

Nominal Frequency (Hz)	Nominal Output Sound Pressure (dB)	Measured Output (dB)	Expanded Uncertatiny (dB)	Coverage Factor
1000	94.0	93.9	0.13	2.0

2. Actual Output Frequency:

Nominal Frequency (Hz)	Nominal Output Sound Pressure (dB)	Measured Output (Hz)	Expanded Uncertatiny (Hz)	Coverage Factor
1000	94.0	960.763	0.057	2.0

Remark:

- The uncertainty quoted is based on 95 % confidence level.
- Measured output are mean of three measurements.

End of certificate

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : **CSA34546**

Page : 1 of 3

Information Provided by Customer

Customer : ETS - Testconsult Limited

Address : 8/F., Block B, Veristrong Industrial Centre, 34 - 36 Au Pui Wan Street, Fotan, Shatin, Hong Kong

Information of Unit-under-test (UUT)

	Sound Level Meter	Microphone	Pre-amplifier
Manufacturer	RION	RION	RION
Type	NL-52	UC-59	NH-25
Equipment I.D. no.	ET/EN/003/17	-	-
Serial No.	00264519	03558	64644
Adaptors used	-	-	-
Resolution	0.1 dB	-	-

Laboratory Information

Lab. Ref. No. : Q/CAL/23/5141/I

Date of Calibration : 28-Jun-2023

Date of Issue : 28-Jun-2023

Procedure : CQS/001/A

Date of Receipt : 21-Jun-2023

Calibration Location : Calibration Laboratory

Calibration Condition

Ambient Temperature : (20 ± 3) °C

Stabilizing Time : 30 minutes

Ambient Pressure : (1000 ± 50) hPa

Relative Humidity : (50 ± 20) %

Sampling : As received

Reference equipment

- Multi-function sound calibrator, ET/2801/01
- Signal generator, ET/2503/01

Calibration specification

- To perform the calibration of linearity and frequency response by multi-function sound calibrator.

Calibration result

- The results are detailed on the subsequent pages.

Remarks

- The calibration results apply to the particular unit-under-test only.
- The values given in this calibration certificate only to the values measureed at the time of test & any uncertainties quoted will not include allowance for the equipment long term drift, varifications with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement

Calibrated By : Tony MA (Technician)

Approved By: CHAN Chi Wai

The results shown in this certificate are traceable to the International System of Units (SI) or recognised measurement standards.
This report shall not be reproduced unless with prior written approval from this laboratory.

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA34546

Calibration Result:

1 Reference Sound Pressure Level : (Unit in: dB)

Range / Mode			Reference Level	REF Frequency (kHz)	UUT Reading	Deviation	Expanded Uncertainty	Coverage Factor
A-Weighting	Self-cal	Before	94.0	1	93.7	-0.3	0.13	2.0
	Range	30 to 130	104.0		103.7	-0.3	0.13	2.0
	Mode	Fast	114.0		113.7	-0.3	0.13	2.0
A-Weighting	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Fast	114.0		114.1	0.1	0.13	2.0
	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Slow	114.0		114.1	0.1	0.13	2.0
C-Weighting	Self-cal	-	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	-	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0
Z-Weighting	Self-cal	-	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Fast	114.0		114.1	0.1	0.13	2.0
	Self-cal	-	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0

Remark:

- The uncertainty quoted is based on 95 % confidence level.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level
- Laboratory reference multi-function sound calibrator was used to adjust the "Self cal" reading of UUT.

***

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

6/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA34546

Calibration Result:

Acoustic Sensitivity and Frequency Response:

2 Frequency Response A-Weighting (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	Expanded Uncertainty	Coverage Factor
30 to 130	Fast	94	31.5	54.6	40.5	-14.1	0.29	2.6
			63	67.8	57.2	-10.6	0.22	2.3
			125	77.9	72.2	-5.7	0.13	2.0
			250	85.4	83.6	-1.8	0.12	2.0
			500	90.8	90.9	0.1	0.12	2.0
			1000 (Ref.)	94.0	94.0	0.0	0.13	2.0
			2000	95.1	94.0	-1.1	0.13	2.0
			4000	94.9	92.3	-2.6	0.13	2.0
			8000	92.9	85.4	-7.5	0.14	2.0
			12500	89.7	76.0	-13.7	0.14	2.0
			16000	87.5	71.6	-15.9	0.16	2.0

3 Frequency Response C-Weighting (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	Expanded Uncertainty	Coverage Factor
30 to 130	Fast	94	31.5	91.0	74.6	-16.4	0.22	2.3
			63	93.2	82.4	-10.8	0.15	2.0
			125	93.8	88.1	-5.7	0.15	2.0
			250	94.0	92.2	-1.8	0.14	2.0
			500	94.0	94.1	0.1	0.12	2.0
			1000 (Ref.)	94.0	94.0	0.0	0.13	2.0
			2000	93.7	92.6	-1.1	0.13	2.0
			4000	93.1	90.5	-2.6	0.13	2.0
			8000	91.0	83.5	-7.5	0.14	2.0
			12500	87.8	74.1	-13.7	0.16	2.0
			16000	85.6	69.8	-15.8	0.20	2.2

4 Frequency Response Z-Weighting (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	Expanded Uncertainty	Coverage Factor
30 to 130	Fast	94	31.5	94.0	77.6	-16.4	0.14	2.0
			63	94.0	83.2	-10.8	0.15	2.0
			125	94.0	88.3	-5.7	0.13	2.0
			250	94.0	92.2	-1.8	0.14	2.0
			500	94.0	94.0	0.0	0.12	2.0
			1000 (Ref.)	94.0	94.0	0.0	0.13	2.0
			2000	94.0	92.8	-1.2	0.13	2.0
			4000	94.0	91.3	-2.7	0.13	2.0
			8000	94.0	86.4	-7.6	0.14	2.0
			12500	94.0	80.7	-13.3	0.14	2.0
			16000	94.0	79.4	-14.6	0.14	2.0

Remark:

- Signal level at 1000 Hz is set as indication of reference sound pressure level.
- The uncertainty quoted is based on 95 % confidence level with coverage factor k=2.0.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level

End of certificate

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 6316
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : **CSA32590**

Page : 1 of 3

Information Provided by Customer

Customer : ETS - TESTCONSULT LIMITED

Address : 8/F., Block B, Veristrong Industrial Centre, 34 - 36 Au Pui Wan Street, Fotan, Shatin, Hong Kong

Information of Unit-under-test (UUT)

	Sound Level Meter	Microphone	Pre-amplifier
Manufacturer	RION	RION	-
Type	NL-52	UC-59	NH-25
Equipment I.D. no.	ET/EN/003/18	-	-
Serial No.	00264520	09668	64646
Adaptors used	-	-	-
Resolution	0.1 dB	-	-

Laboratory Information

Lab. Ref. No. : Q/CAL/23/2956/I

Date of Calibration : 19-Apr-2023

Date of Issue : 20-Apr-2023

Procedure : CQS/001/A

Date of Receipt : 13-Apr-2023

Calibration Location : Calibration Laboratory

Calibration Condition

Ambient Temperature : (20 ± 3) °C

Stabilizing Time : 30 minutes

Ambient Pressure : (1000 ± 50) hPa

Relative Humidity : (50 ± 20) %

Sampling : As received

Reference equipment

- Multi-function sound calibrator, ET/2801/01
- Signal generator, ET/2503/01

Calibration specification

- To perform the calibration of linearity and frequency response by multi-function sound calibrator.

Calibration result

- The results are detailed on the subsequent pages.

Remarks

- The calibration results apply to the particular unit-under-test only.
- The values given in this calibration certificate only to the values measureed at the time of test & any uncertainties quoted will not include allowance for the equipment long term drift, varifications with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement

Calibrated By : Tommy TAM
(Technician)

Approved By: CHAN Chi Wai

The results shown in this certificate are traceable to the International System of Units (SI) or recognised measurement standards.
This report shall not be reproduced unless with prior written approval from this laboratory.

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA32590

Calibration Result:

1 Reference Sound Pressure Level : (Unit in: dB)

Range / Mode			Reference Level	REF Frequency (kHz)	UUT Reading	Deviation	Expanded Uncertatiny	Coverage Factor
A-Weighting	Self-cal	Before	94.0	1	94.8	0.8	0.13	2.0
	Range	30 to 130	104.0		104.8	0.8	0.13	2.0
	Mode	Fast	114.0		114.8	0.8	0.13	2.0
A-Weighting	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.1	0.1	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0
C-Weighting	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0
Z-Weighting	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	After	94.0	1	94.0	0.0	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0

Remark:

- The uncertainty quoted is based on 95 % confidence level.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level
- Laboratory reference multi-function sound calibrator was used to adjust the "Self cal" reading of UUT.

***

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etk@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA32590

Calibration Result:

Acoustic Sensitivity and Frequency Response:

2 Frequency Response A-Weighting (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	54.6	54.7	0.1	-39.4 +/- 2.0
			63	67.8	67.9	0.1	-26.2 +/- 1.5
			125	77.9	78.0	0.1	-16.1 +/- 1.5
			250	85.4	85.4	0.0	-8.6 +/- 1.4
			500	90.8	90.8	0.0	-3.2 +/- 1.4
			1000 (Ref.)	94.0	94.0	0.0	0 +/- 1.1
			2000	95.1	95.2	0.1	+1.2 +/- 1.6
			4000	94.9	94.9	0.0	+1.0 +/- 1.6
			8000	92.9	92.0	-0.9	-1.1 (+2.1 ; - 3.1)
			12500	89.7	85.1	-4.6	-4.3 (+3.0 ; -6.0)
			16000	87.5	79.8	-7.7	-6.6 (+3.5 ; -17.0)

3 Frequency Response C-Weighting : (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	91.0	90.9	-0.1	-3.0 +/- 2.0
			63	93.2	93.2	0.0	-0.8 +/- 1.5
			125	93.8	93.9	0.1	-0.2 +/- 1.5
			250	94.0	94.0	0.0	0.0 +/- 1.4
			500	94.0	94.0	0.0	0.0 +/- 1.4
			1000 (Ref.)	94.0	94.0	0.0	0 +/- 1.1
			2000	93.7	93.8	0.1	-0.2 +/- 1.6
			4000	93.1	93.1	0.0	-0.8 +/- 1.6
			8000	91.0	90.1	-0.9	-3.0 (+2.1 ; -3.1)
			12500	87.8	83.2	-4.6	-6.2 (+3.0 ; -6.0)
			16000	85.6	77.9	-7.7	-8.5 (+3.5 ; -17.0)

4 Frequency Response Z-Weighting : (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	94.0	94.0	0.0	0.0 +/- 2.0
			63	94.0	94.0	0.0	0.0 +/- 1.5
			125	94.0	94.0	0.0	0.0 +/- 1.5
			250	94.0	94.0	0.0	0.0 +/- 1.4
			500	94.0	94.0	0.0	0.0 +/- 1.4
			1000 (Ref.)	94.0	94.0	0.0	0 +/- 1.1
			2000	94.0	94.0	0.0	0.0 +/- 1.6
			4000	94.0	93.9	0.0	0.0 +/- 1.6
			8000	94.0	93.0	-1.0	0.0 (+2.1 ; -3.1)
			12500	94.0	89.7	-4.3	0.0 (+3.0 ; -6.0)
			16000	94.0	87.6	-6.4	0.0 (+3.5 ; -17.0)

- Expended uncertainty of measurement:

	Range (Hz)	(dB)	Range (Hz)	(dB)
94 dB	31.5	0.15	2000	0.13
	63	0.15	4000	0.13
	125	0.15	8000	0.14
	250	0.14	12500	0.14
	500	0.12	16000	0.14
	1000	0.13		

Remark:
- Manufacturer specification: IEC 61672 class 1
- Signal level at 1000 Hz is set as indication of reference sound pressure level.
- The uncertainty quoted is based on 95 % confidence level with coverage factor k=2.0.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level

End of certificate

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

6/F Block B,
Veristrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: ell@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : **CSA42566**

Page : 1 of 3

Information Provided by Customer

Customer : ETS - TESTCONSULT LIMITED

Address : 6/F., Block B, Veristrong Industrial Centre, 34 - 36 Au Pui Wan Street, Fotan, Shatin, Hong Kong

Information of Unit-under-test (UUT)

	Sound Level Meter	Microphone	Pre-amplifier	Sound Calibrator
Manufacturer	RION	RION	-	N/A
Type	NL-52	UC-59	NH-25	-
Equipment I.D. no.	ET/EN/003/18	-	-	-
Serial No.	00264520	09668	64646	-
Adaptors used	-	-	-	-
Resolution	0.1 dB	-	-	-

Laboratory Information

Lab. Ref. No. : Q/CAL/24/2856/I

Date of Calibration : 18-Apr-2024

Date of Issue : 19-Apr-2024

Procedure : CQS/001/A

Date of Receipt : 11-Apr-2024

Calibration Location : Calibration Laboratory

Calibration Condition

Ambient Temperature : (20 ± 3) °C

Stabilizing Time : 30 minutes

Ambient Pressure : (1000 ± 50) hPa

Relative Humidity : (50 ± 20) %

Sampling : As received

Reference equipment

- Multi-function sound calibrator, ET/2801/01
- Signal generator, ET/2503/01

Calibration specification

- To perform the calibration of linearity and frequency response by multi-function sound calibrator.

Calibration result

- The results are detailed on the subsequent pages.

Remarks

- The calibration results apply to the particular unit-under-test only.
- The values given in this calibration certificate only to the values measureed at the time of test & any uncertainties quoted will not include allowance for the equipment long term drift, varifications with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement

Calibrated By : Tommy TAM (Technician)

Approved By: CHAN Chi Wai

The results shown in this certificate are traceable to the International System of Units (SI) or recognised measurement standards.
This report shall not be reproduced unless with prior written approval from this laboratory.

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Verlstrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA42566

Calibration Result:

1 Reference Sound Pressure Level : (Unit in: dB)

Range / Mode			Reference Level	REF Frequency (kHz)	UUT Reading	Deviation	Expanded Uncertatiny	Coverage Factor
A-Weighting	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0
C-Weighting	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Fast	114.0		114.0	0.0	0.13	2.0
	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		104.0	0.0	0.13	2.0
	Mode	Slow	114.0		114.0	0.0	0.13	2.0
Z-Weighting	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		103.9	-0.1	0.13	2.0
	Mode	Fast	114.0		113.9	-0.1	0.13	2.0
	Self-cal	-	94.0	1	93.9	-0.1	0.13	2.0
	Range	30 to 130	104.0		103.9	-0.1	0.13	2.0
	Mode	Slow	114.0		113.9	-0.1	0.13	2.0

Remark:

- The uncertainty quoted is based on 95 % confidence level.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level

***

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.™

8/F Block B,
Verlstrong Industrial Centre,
34-36 Au Pui Wan Street,
Fo Tan, Hong Kong

T: +852 2695 8318
F: +852 2695 3944
E: etl@ets-testconsult.com
W: www.ets-testconsult.com

Calibration Certificate

Certificate No. : CSA42566

Calibration Result:

Acoustic Sensitivity and Frequency Response:

2. Frequency Response A-Weighting (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	54.6	54.8	0.2	-39.4 +/- 2.0
			63	67.8	67.9	0.1	-26.2 +/- 1.5
			125	77.9	77.9	0.0	-16.1 +/- 1.5
			250	85.4	85.4	0.0	-8.6 +/- 1.4
			500	90.8	90.7	-0.1	-3.2 +/- 1.4
			1000 (Ref.)	94.0	93.9	-0.1	0 +/- 1.1
			2000	95.1	95.1	0.0	+1.2 +/- 1.6
			4000	94.9	95.0	0.1	+1.0 +/- 1.6
			8000	92.9	93.2	0.3	-1.1 (+2.1 ; - 3.1)
			12500	89.7	88.4	-1.3	-4.3 (+3.0 ; -6.0)
			16000	87.5	84.8	-2.7	-6.8 (+3.5 ; -17.0)

3 Frequency Response C-Weighting : (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	91.0	90.9	-0.1	-3.0 +/- 2.0
			63	93.2	93.2	0.0	-0.8 +/- 1.5
			125	93.8	93.9	0.1	-0.2 +/- 1.5
			250	94.0	94.0	0.0	0.0 +/- 1.4
			500	94.0	94.0	0.0	0.0 +/- 1.4
			1000 (Ref.)	94.0	93.9	-0.1	0 +/- 1.1
			2000	93.7	93.7	0.0	-0.2 +/- 1.6
			4000	93.1	93.2	0.1	-0.8 +/- 1.6
			8000	91.0	91.3	0.3	-3.0 (+2.1 ; -3.1)
			12500	87.6	86.5	-1.3	-6.2 (+3.0 ; -6.0)
			16000	85.6	82.8	-2.8	-8.5 (+3.5 ; -17.0)

4 Frequency Response Z-Weighting : (Unit in: dB)

Range	Mode	Applied Level	Frequency (Hz)	Reference Level	UUT Reading	Deviation	IEC 61672-1:2002 class 1 Specification
30 to 130	Fast	94	31.5	94.0	94.0	0.0	0.0 +/- 2.0
			63	94.0	94.1	0.1	0.0 +/- 1.5
			125	94.0	94.0	0.0	0.0 +/- 1.5
			250	94.0	94.0	0.0	0.0 +/- 1.4
			500	94.0	93.9	-0.1	0.0 +/- 1.4
			1000 (Ref.)	94.0	93.9	-0.1	0 +/- 1.1
			2000	94.0	93.8	-0.2	0.0 +/- 1.6
			4000	94.0	94.0	0.0	0.0 +/- 1.6
			8000	94.0	94.2	0.2	0.0 (+2.1 ; -3.1)
			12500	94.0	93.0	-1.0	0.0 (+3.0 ; -6.0)
			16000	94.0	92.5	-1.5	0.0 (+3.5 ; -17.0)

- Expended uncertainty of measurement:

	Range (Hz)	(dB)	Range (Hz)	(dB)
94 dB	31.5	0.15	2000	0.13
	63	0.15	4000	0.13
	125	0.15	8000	0.14
	250	0.12	12500	0.14
	500	0.12	16000	0.14
	1000	0.13		

Remark:

- Manufacturer specification: IEC 61672 class 1
- Signal level at 1000 Hz is set as indication of reference sound pressure level.
- The uncertainty quoted is based on 95 % confidence level with coverage factor k=2.0.
- UUT reading are mean of three measurements.
- Deviation = UUT Reading - Reference Level

End of certificate

Appendix D2

Impact Noise Monitoring Results

Day-time Noise Monitoring`

Monitoring Location: TM-RN1 *

Date	Start Sampling Time (hh:mm)	Noise Level dB (A)			Wind Speed (m/s)	Major Noise Sources	Weather Condition
		$L_{eq(30min)}$	L_{10}	L_{90}			
2/4/2024	13:10	57.7	59.4	54.3	0.2	General site work	Fine
4/4/2024	14:15	54.4	56.8	52.6	0.2	General site work	Cloudy
9/4/2024	9:20	57.7	59.2	54.8	0.2	General site work	Cloudy
11/4/2024	9:05	56.9	58.7	54.3	0.2	General site work	Cloudy
16/4/2024	9:30	57.2	58.8	54.4	0.2	General site work	Cloudy
18/4/2024	9:30	57.3	58.2	54.5	0.2	General site work	Fine
23/4/2024	9:30	57.4	58.5	54.9	0.2	General site work	Rain
25/4/2024	9:30	56.6	58.1	53.9	0.2	General site work	Drizzle
30/4/2024	9:25	56.8	58.5	53.4	0.2	General site work	Cloudy

Remark: Since Lands Department did not approve us to enter their own area where the noise monitoring stations TM-N1 located due to the security, noise monitoring was carried out at noise monitoring stations TM-RN1 (refer to the figure 3 attached) in this reporting month.

Monitoring Location: TM-RN2 *

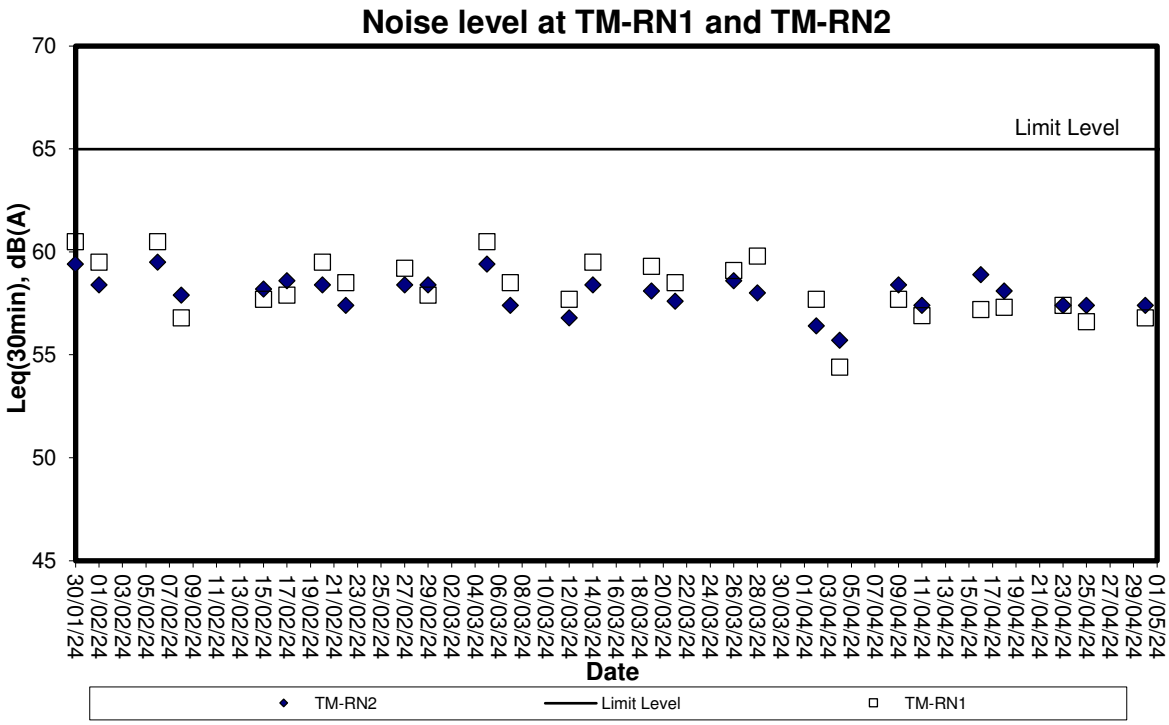
Date	Start Sampling Time (hh:mm)	Noise Level dB (A)			Wind Speed (m/s)	Major Noise Sources	Weather Condition
		$L_{eq(30min)}$	L_{10}	L_{90}			
2/4/2024	13:45	56.4	58.4	53.1	0.2	General site work	Fine
4/4/2024	14:50	55.7	57.4	53.6	0.2	General site work	Cloudy
9/4/2024	9:25	58.4	59.7	55.3	0.2	General site work	Cloudy
11/4/2024	9:10	57.4	59.1	54.9	0.2	General site work	Cloudy
16/4/2024	9:35	58.9	60.1	55.2	0.2	General site work	Cloudy
18/4/2024	9:28	58.1	59.0	54.3	0.2	General site work	Fine
23/4/2024	9:38	57.4	58.1	54.5	0.2	General site work	Rain
25/4/2024	9:35	57.4	59.0	54.3	0.2	General site work	Drizzle
30/4/2024	9:30	57.4	59.0	53.9	0.2	General site work	Cloudy

Remark: Since Lands Department did not approve us to enter their own area where the noise monitoring stations TM-N2 located due to the security, noise monitoring was carried out at noise monitoring stations TM-RN2 (refer to the figure 3 attached) in this reporting month.

Appendix D3

Graphical Plots of Impact Noise Monitoring Data

Noise Monitoring (Day-time)



Appendix E

Weather Condition

Daily Extract of Meteorological Observations , April 2024 - Tuen Mun

Day	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg.C)	Absolute Daily Min (deg. C)					
1	1010	29.1	27.3	26.3	23.8	81	Trace	160	19.2
2	1009.3	28.9	27	25.9	23.1	80	-	160	20.3
3	1010.1	28.9	27.3	26.1	23.5	80	Trace	170	18.4
4	1010.5	28.5	27.2	26.5	23.7	81	Trace	160	20.1
5	1011.9	29.3	26.5	24.7	22.9	81	0.3	110	26.2
6	1012.1	25.4	24.4	23.4	22.4	89	2.7	90	32.3
7	1010.6	28.3	25.4	23.7	23.1	88	0.9	40	14.7
8	1012.3	28.8	25.1	23	22.6	87	-	30	12.6
9	1015.8	24.3	22.9	21.7	18.9	78	Trace	60	28
10	1017.2	26.8	23.7	21.9	17.3	68	-	70	28.4
11	1016.1	27.7	24.5	22.8	20.2	77	-	70	16.8
12	1013.5	30.2	25.8	23.1	21.5	78	-	20	7
13	1011.4	31.9	26.9	24.3	22.3	77	-	230	6.8
14	1012	31.4	27.7	25.7	23.3	78	-	130	9.1
15	1013	30.3	27.7	26.2	23.6	79	-	220	6.4
16	1011.1	31.4	27.9	25.2	23.3	77	-	230	14.1
17	1009.9	30.9	28.4	27	24.1	78	-	180	16
18	1008.9	29.5	26.9	24.1	23.1	80	8.6	190	12.9
19	1008.2	29.9	27.6	26.1	23.9	80	2.2	140	28.9
20	1008	29.5	27.4	23.3	23.9	81	42.2	140	25.5
21	1009.3	27.2	23.9	21.5	22.1	90	81.6	130	21.5
22	1008.8	26.9	25.2	23.3	23.4	90	13.2	60	3.8
23	1008	27.2	25.4	24.6	23.8	91	40	20	6.5
24	1008.9	27.8	25.9	24.8	23.8	88	Trace	90	5.3
25	1007.1	28.5	26.6	24.4	23.9	86	5.7	100	23.4
26	1004.3	29	27.3	24.4	25.1	88	25	220	25.9
27	1005.1	30.2	28.8	27.7	25.9	85	0.8	220	25.7
28	1008.9	28.3	25.4	23.4	23.7	90	12.2	80	28.9
29	1008.5	29.9	27.7	25.3	25	85	-	140	16.3
30	1005	30.5	28.6	23.1	24.9	81	21.7	190	21.3

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

Appendix F

Event-Action Plans

EVENT/ACTION PLAN FOR AIR QUALITY EXCEEDANCE

EVENT	ACTION			
	ET Leader	IC(E)	ER	Contractor
ACTION LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures 2. Inform ER, IC(E) and Contractor 3. Repeat measurement to confirm finding 4. Increase monitoring frequency to daily	1. Check monitoring data submitted by the ET 2. Check contractor's working method	1. Notify Contractor	1. Rectify any unacceptable practise 2. Amend working methods if appropriate
2. Exceedance for two or more consecutive samples	1. Identify source, investigate the causes of exceedance and propose remedial measures 2. Inform IC(E) and Contractor 3. Repeat measurements to confirm finding 4. Increase monitoring frequency to daily 5. Discuss with IC(E) and Contractor on remedial actions 6. If exceedance continues, arrange meeting with IC(E) and ER. 7. If exceedance stops, cease additional monitoring	1. Check monitoring data submitted by the ET Leader 2. Check the Contractor's working method 3. Discuss with ET and Contractor on possible remedial measures 4. Advise the ER on the effectiveness of the proposed remedial measures 5. Supervise implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify the Contractor 3. Ensure remedial measures properly implemented	1. Submit proposals for remedial actions to IC(E) within 3 working days of notification 2. Implement the agreed proposals 3. Amend proposal if appropriate
LIMIT LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures 2. Inform ER, Contractor and EPD 3. Repeat measurement to confirm finding 4. Increase monitoring frequency to daily 5. Assess the effectiveness of Contractor's remedial actions and keep IC(E), EPD and ER informed of the results	1. Check monitoring data submitted by the ET Leader 2. Check Contractor's working method 3. Discuss with ET and Contractor on possible remedial measures 4. Advise the ER on the effectiveness of the proposed remedial measures 5. Supervise implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify the Contractor 3. Ensure remedial measures properly implemented	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Amend proposal if appropriate.

EVENT	EVENT/ACTION PLAN FOR AIR QUALITY EXCEEDANCE			
	ACTION			
	ET Leader	IC(E)	ER	Contractor
2. Exceedance for two or more consecutive samples	1. Identify source, investigate the causes of exceedance and propose remedial measures 2. Notify IC(E), ER, EPD and Contractor 3. Repeat measurement to confirm finding 4. Increase monitoring frequency to daily 5. Carry out analysis of contractor's working procedures to determine possible mitigation to be implemented 6. Arrange meeting with IC(E) and ER to discuss the remedial actions to be taken 7. Assess effectiveness of Contractor's remedial actions and keep IC(E), EPD and ER informed of the results 8. If exceedance stops, cease additional monitoring	1. Discuss amongst ER, ET and Contractor on the potential remedial actions 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly 3. Supervise the implementation of remedial measures	1. Confirm receipt of notification of failure in writing 2. Notify Contractor 3. In consultation with the IC(E), agree with the Contractor on the remedial measures to be implemented 4. Ensure remedial measures are properly implemented 5. If exceedances continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated	1. Take immediate action to avoid further exceedances 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Resubmit proposals if problem still not under control 5. Stop the relevant activity of works as determined by the ER until the exceedance is abated

EVENT/ACTION PLAN FOR NOISE EXCEEDANCE

EVENT	ACTION			
	ET Leader	IC(E)	ER	Contractor
Action Level	1. Notify the IC(E) and the Contractor. 2. Carry out investigation. 3. Report the results of investigation to the IC(E) and the Contractor. 4. Discuss with the Contractor and formulate remedial measures. 5. Increase monitoring frequency to check mitigation effectiveness	1. Review the analysed results submitted by the ET. 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly. 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures for the analysed noise problem. 4. Ensure remedial measures are properly implemented.	1. Submit noise mitigation proposals to IC(E). 2. Implement noise mitigation proposals.
Limit Level	1. Notify the IC(E), the ER, the EPD and the Contractor. 2. Identify source. 3. Repeat measurement to confirm findings. 4. Increase monitoring frequency. 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented. 6. Inform the IC(E), the ER and the EPD the causes & actions taken for the exceedances. 7. Assess effectiveness of Contractor's remedial actions and keep the IC(E), the EPD and the ER informed of the results 8. If exceedance due to the construction works stops, cease additional monitoring	1. Discuss amongst the ER, the ET Leader and the Contractor on the potential remedial actions. 2. Review the Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures for the analysed noise problem. 4. Ensure remedial measures are properly implemented. 5. If exceedances continue, consider what activity of the work is responsible and instruct the Contractor to stop that activity of work until the exceedances is abated.	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification. 3. Implement the agreed proposals. 4. Resubmit proposals if problem still not under control. 5. Stop the relevant activity of works as determined by the ER until the exceedances is abated.

Event	EVENT AND ACTION PLAN FOR WATER QUALITY EXCEEDANCE			
	ACTION			
	ET Leader	Contractor	ER	IEC
Action level being exceeded by one sampling day	1. Identify source(s) of impact; 2. Repeat in-situ measurement to confirm findings; 3. Notify Contractor in writing within 24 hours of identification of the exceedance 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Carry out investigation 6. Report the results of investigation to the Contractor within 3 working days of identification of exceedance and advise contractor if exceedance is due to contractor's construction works 7. Discuss mitigation measures with Contractor if exceedance is due to the construction works within 4 working days 8. Repeat measurement on next day of exceedance if exceedance is due to the construction works	1. Notify the ER and IEC in writing within 24 hours of identification of exceedance 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Submit investigation report to IEC and ER within 3 working days of the identification of an exceedance 5. Consider changes of working method if exceedance is due to the construction works 6. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER if exceedance is due to the construction works within 4 working days of identification of an exceedance 7. Implement the agreed mitigation measures within reasonable time scale	1. Notify EPD and other relevant governmental agencies in writing within 24 hours of the identification of the exceedance 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Require contractor to propose remedial measures for the analysed problem if related to the construction works 4. Ensure remedial measures are properly implemented 5. Assess the effectiveness of the mitigation measure	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due / not due to the works 3. Discuss with ET, ER and Contractor on the mitigation measures 4. Review contractor's mitigation measures whenever necessary to ensure their effectiveness and advise the ER accordingly 5. Supervise the implementation of mitigation measures

Event	EVENT AND ACTION PLAN FOR WATER QUALITY			
	ACTION			
	ET Leader	Contractor	ER	IEC
Action level being exceeded by more than one consecutive sampling days	1. Identify source(s) of impact; 2. Repeat in-situ measurement to confirm findings 3. Notify Contractor in writing within 24 hours of identification 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Carry out investigation 6. Report the results of investigation to the Contractor within 3 working days of identification of exceedance and advise contractor if exceedance is due to contractor's construction works 7. Discuss mitigation measures with IEC and Contractor within 4 working of identification of an exceedance 8. Ensure mitigation measures are implemented; 9. Prepare to increase the monitoring frequency to daily; 10. Repeat measurement on next day of exceedance.	1. Notify IEC and ER in writing within 24 hours of identification of exceedance 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Submit the results of the investigation to IEC and ER within 3 working days of the identification of an exceedance 6. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within 4 working days of identification of an exceedance 7. Implement the agreed mitigation measures within reasonable time scale	1. Notify EPD and other relevant governmental agencies in writing within 24 hours of the identification of the exceedance 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Require contractor to propose remedial measures for the analysed problem if related to the construction works 4. Ensure remedial measures are properly implemented 5. Assess the effectiveness of the mitigation measure	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due / not due to the works 3. Discuss with ET, ER and Contractor on the mitigation measures. 4. Review contractor's mitigation measures whenever necessary to ensure their effectiveness and advise the ER accordingly 5. Assess the effectiveness of the implemented mitigation measures.

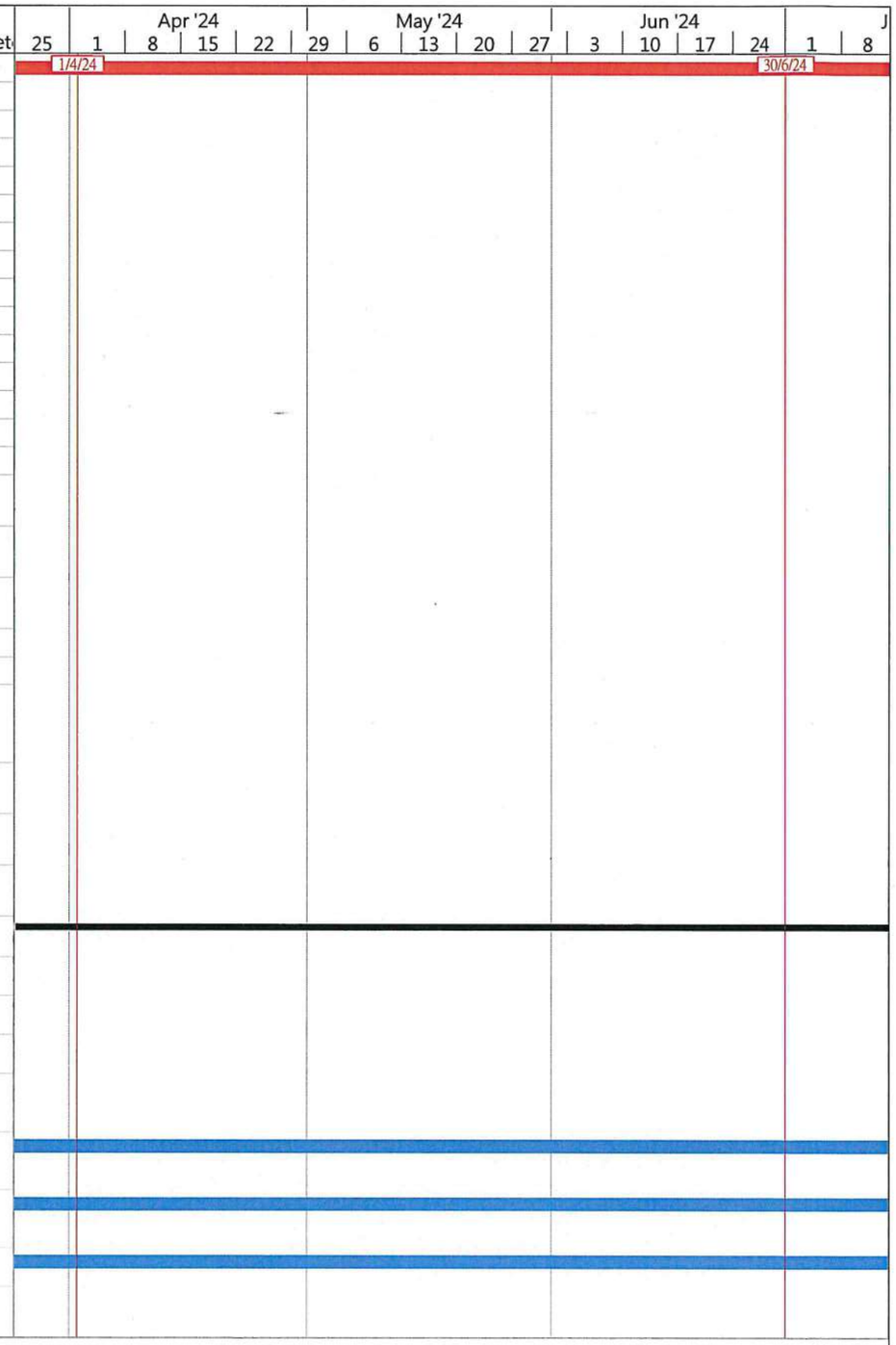
Event	EVENT AND ACTION PLAN FOR WATER QUALITY EXCEEDANCE			
	ACTION			
	ET Leader	Contractor	ER	IEC
Limit level being exceeded by one sampling day	1. Repeat in-situ measurement to confirm findings; 2. Identify source(s) of impact; 3. Notify Contractor in writing within 24 hours of identification of the exceedance 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Carry out investigation 6. Report the results of investigation to the Contractor within 3 working days of identification of exceedance and advise contractor if exceedance is due to contractor's construction works 7. Discuss mitigation measures with IEC, ER and Contractor within 4 working of identification of an exceedance 8. Ensure mitigation measures are implemented; 9. Increase the monitoring frequency to daily until no exceedance of Limit Level.	1. Notify IEC and ER in writing; within 24 hours of the identification of the exceedance 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Submit the results of the investigation to IEC and ER within 3 working days of the identification of an exceedance 6. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within 4 working days of the identification of an exceedance 7. Implement the agreed mitigation measures within reasonable time scale	1. Notify EPD and other relevant governmental agencies in writing within 24 hours of identification of exceedance 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Request Contractor to critically review the working methods; 4. Ensure remedial measures are properly implemented 5. Assess the effectiveness of the implemented mitigation measures.	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due / not due to the works 3. Discuss with ET, ER and Contractor on the mitigation measures. 4. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly. 5. Assess the effectiveness of the implemented mitigation measures

Event	EVENT AND ACTION PLAN FOR WATER QUALITY EXCEEDANCE			
	ACTION			
	ET Leader	Contractor	ER	IEC
Limit Level being exceeded by more than one consecutive sampling days	1. Repeat in-situ measurement to confirm findings; 2. Identify source(s) of impact; 3. Notify Contractor in writing within 24 hours of identification of the exceedance 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Carry out investigation 6. Report the results of investigation to the Contractor within 3 working days of identification of exceedance and advise contractor if exceedance is due to contractor's construction works 7. Discuss mitigation measures with IEC, ER and Contractor; 8. Ensure mitigation measures are implemented; 9. Increase the monitoring frequency to daily until no exceedance of Limit Level for two consecutive days.	1. Notify ER and IEC in writing within 24 hours of the identification of the exceedance and 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 8. Submit the results of the investigation to IEC and ER within 3 working days of the identification of an exceedance 5. Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within 4 working days; 6. Implement the agreed mitigation measures within reasonable time scale 7. As directed by the Engineer, to slow down or to stop all or part of the marine work or construction actives.	1. Notify EPD and other relevant governmental agencies in writing within 24 hours of identification of exceedance 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Request Contractor to critically review the working methods; 6. Ensure remedial measures are properly implemented 4. Assess the effectiveness of the implemented mitigation measures; 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the marine work until no exceedance of Limit Level.	1. Check monitoring data submitted by ET 2. Confirm ET assessment if exceedance is due / not due to the works 3. Discuss with ER, ET and Contractor on the mitigation measures. 4. Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly. 5. Assess the effectiveness of the implemented mitigation measures.

Appendix G

Construction Programme

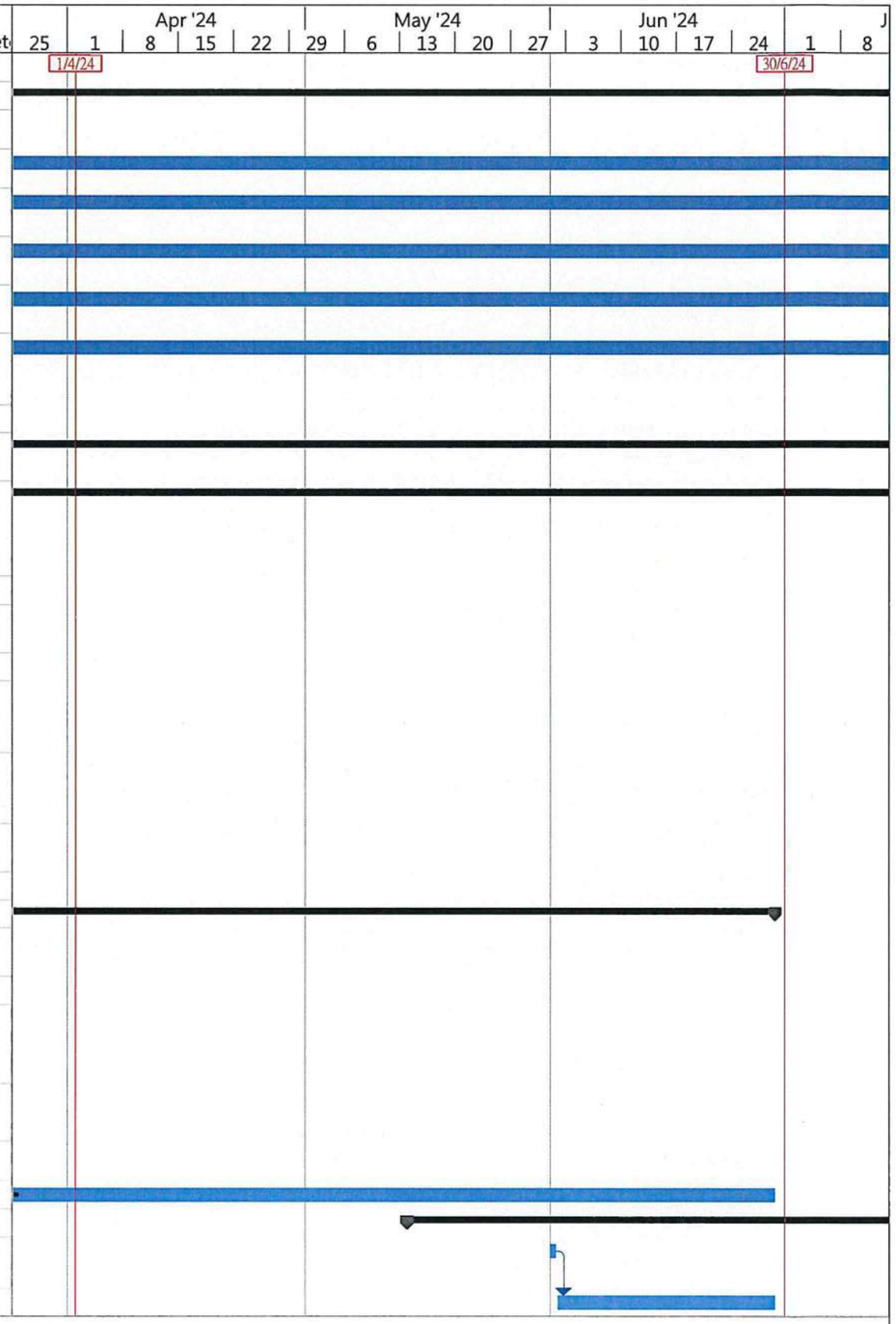
ID	Task Name	Start	Finish	Duration	Predecesso	time risk allowances	Actual Start	Actual Finish	% Complet
1	**Contract duration of Contract CV/2021/9**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**			**NA**	**NA**	**0%**
2	**Contract date, Date of Letter of Acceptance**	**Mon 1/1/24**	**Mon 1/1/24**	**1 day**			**NA**	**NA**	**0%**
3	**Starting Date of the Works**	**Mon 1/1/24**	**Mon 1/1/24**	**1 day**			**NA**	**NA**	**0%**
4	Starting Date of Section 1 of the Works	Mon 1/1/24	Mon 1/1/24	1 day			NA	NA	0%
5	Starting Date of Section 2 of the Works	Mon 1/1/24	Mon 1/1/24	1 day			NA	NA	0%
6	Starting Date of Section 3 of the Works	Mon 1/1/24	Mon 1/1/24	1 day			NA	NA	0%
7	**Date for Completion of the Works**	**Sun 31/12/23**	**Sun 31/12/23**	**1 day**			**NA**	**NA**	**0%**
8	Completion Date of Section 1 of the Works	Wed 31/7/24	Wed 31/7/24	1 day			NA	NA	0%
9	Completion Date of Section 2 of the Works	Wed 31/7/24	Wed 31/7/24	1 day			NA	NA	0%
10	Completion Date of Section 3 of the Works	Mon 30/9/24	Mon 30/9/24	1 day			NA	NA	0%
11	**Planned completion dates**	**Wed 31/7/24**	**Wed 31/7/24**	**1 day**			**NA**	**NA**	**0%**
12	Planned competion date of Section 1	Wed 31/7/24	Wed 31/7/24	1 day			NA	NA	0%
13	Planned competion date of Section 2	Wed 31/7/24	Wed 31/7/24	1 day			NA	NA	0%
14	Planned competion date of Section 3	Mon 30/9/24	Mon 30/9/24	1 day			NA	NA	0%
15	**Access Date of the Site**	**Mon 1/1/24**	**Mon 1/1/24**	**1 day**			**NA**	**NA**	**0%**
16	Portion A2, A3a, A3b, A3c, A4, A5a, A5b, A7c2, A10 and A11 (within 60 days after starting date)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
17	Portion B1, B3, B6a, B6b and B7 (within 60 days after starting date)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
18	Portion A1. A7a, A7b, A7c1, A9, A9a and B6c (7 day's advance notice after starting date)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
19	Portion B6c	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
20	**Hand back of the Site**	**Wed 31/7/24**	**Wed 31/7/24**	**1 day**			**NA**	**NA**	**0%**
21	Portion A2, A3a, A3b, A3c, A4, A5a, A7c2, A10 and A11 (or at an earlier date notified by the Project Manager with 30 days' advance notice)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
22	Portion A1, A7b, A7c1, A9 and A9a (or at an earlier date as notified by the Project Manager with 30 days' advance notice)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
23	Portion B1, B3, B6a, B6b and B7 (or at an earlier date as notified by the Project Manager with 30 days' advance notice)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
24	Portion B6c (or at an earlier date as notified by the Project Manager with 30 days' advance notice)	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	Mon 1/1/24	100%
25	**Section 1A of the Works - Tseung Kwan O Area 137 Fill Bank**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**	**4SS**		**Mon 1/1/24**	**NA**	**33%**
26	Taking over the existing facilities at the Tseung Kwan O Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	4SS	0	Mon 1/1/24	Mon 1/1/24	100%
27	Operation of the the Tseung Kwan O Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	26SS	0	Mon 1/1/24	NA	33%
28	Operation and maintenance of the surveillance system within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	26SS	0	Mon 1/1/24	NA	33%
29	Operation and maintenance of the existing tipping halls at the Tseung Kwan O Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	26SS	0	Mon 1/1/24	NA	33%
30	Provision, operation and maintenance of the Crushing Plant at the Tseung Kwan O Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Wed 31/7/24	213 days	26SS	0	Mon 1/1/24	NA	33%
31	Operation and maintenance of the dewatering plant at the Tseung Kwan O Area 137 Fill Bank within portion A of the Site	Mon 1/1/24	Wed 31/7/24	213 days	26SS	0	Mon 1/1/24	NA	33%
32	Chai Wan and Mui Wo Barging Points to the TKO Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Wed 31/7/24	213 days	26SS	0	Mon 1/1/24	NA	33%
33	Handing over the facilities at the Tseung Kwan O Area 137Fill Bank within Portion A of the Site to the Employer	Wed 31/7/24	Wed 31/7/24	1 day		0	NA	NA	0%



Project:
3 month rolling programme CV/2021/09 S.A. Apr - Jun 24
Date: [23/3/2024]

Task	External Tasks	Duration-only	External Tasks		
Split	External Milestone	Manual Summary Rollup	External Milestone		
Milestone	Inactive Milestone	Manual Summary	Progress		
Summary	Inactive Summary	Start-only	Deadline		
Project Summary	Manual Task	Finish-only			

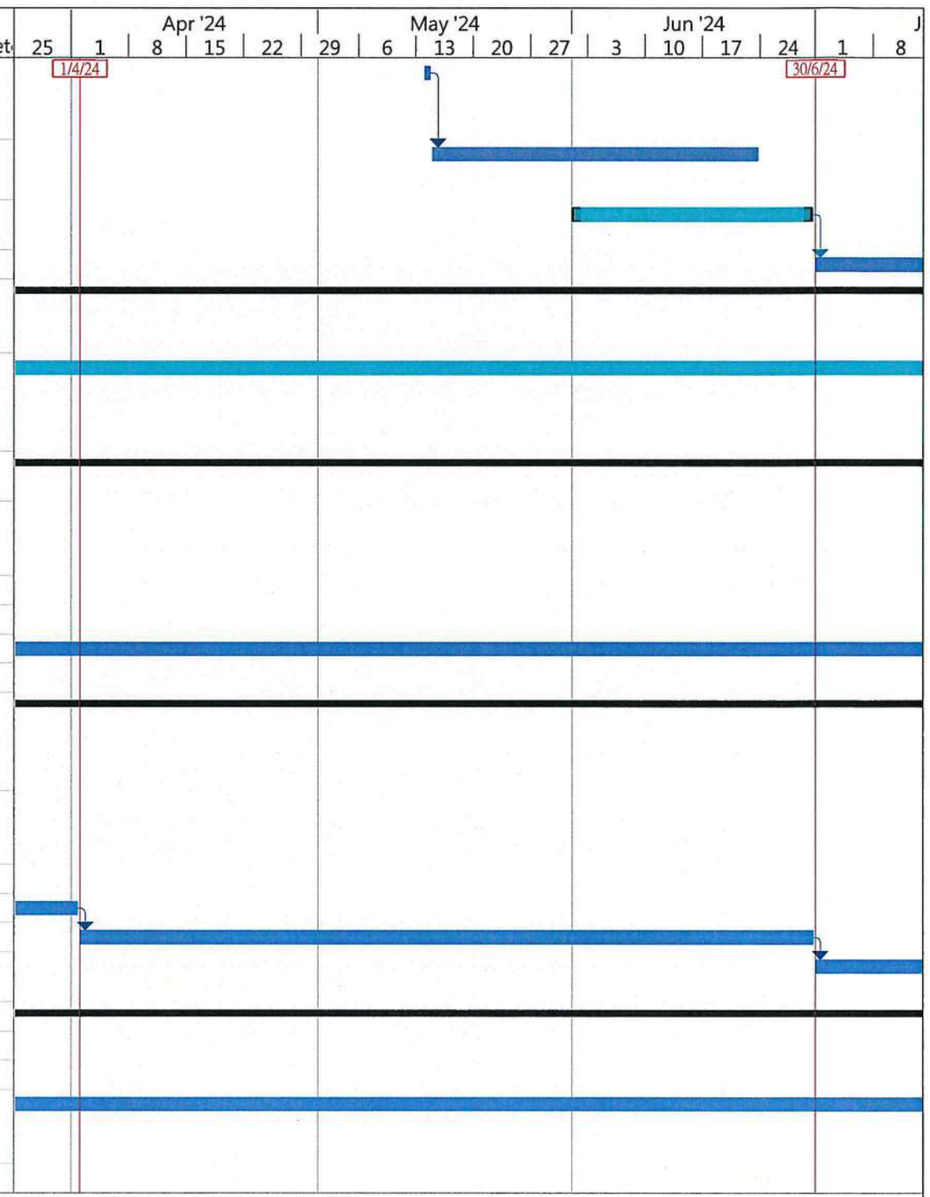
ID	Task Name	Start	Finish	Duration	Predecesso	time risk allowances	Actual Start	Actual Finish	% Complet
34	Planned Completion Date (Section 1)	Wed 31/7/24	Wed 31/7/24	1 day			Wed 31/7/24	NA	0%
35	**Section 2A of the Works - Tuen Mun Area 38 Fill Bank**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**			**Mon 1/1/24**	**NA**	**33%**
36	Taking over the existing facilities at the Tuen Mun Area 38 Fill Bank within Portion B of the Site	Mon 1/1/24	Mon 1/1/24	0 days	5SS	0	Mon 1/1/24	Mon 1/1/24	100%
37	Operation of the Tuen Mun Area 38 Fill Bank within Portion B of the Site	Mon 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%
38	Operation and maintenance of the surveillance system within Portion B of the Site	Mon 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%
39	Operation and maintenance of the existing tipping halls at the Tuen Mun Area 38 Fill Bank within Portion B of the Site	Mon 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%
40	Operation and Maintenance of the Crushing Plant at the Tuen Mun Area 38 Fill Bank within Portion B of the Site	Mon 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%
41	Operation and maintemnance of glass cullet storage compartment at the Tuen Mun Area 38 Fill Bank within Portion B of the Site	Mon 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%
42	Planned Completion Date (Section 2)	Wed 31/7/24	Wed 31/7/24	1 day			NA	NA	0%
43	**Section 3A of the Works - Designated Reclamation Sites in the Mainland**	**Sat 18/11/23**	**Mon 30/9/24**	**318 days**			**Sat 18/11/23**	**NA**	**15%**
44	**Collection and delivery of Public Fill by vessels from Tseung Kwan O Area 137 Fill Bank and the Tuen Mun Area 38 Fill Bank to the Desiognated Reclamation Sites in the Mainland**	**Sat 18/11/23**	**Mon 30/9/24**	**318 days**			**Sat 18/11/23**	**NA**	**22%**
45	**1st quarter of year 2024**	**Sat 18/11/23**	**Sun 18/2/24**	**93 days**			**Sat 18/11/23**	**Sun 18/2/24**	**100%**
46	Submitting application documents to EPD for application of dumping permits	Tue 28/11/23	Tue 28/11/23	0 days		0	Tue 28/11/23	Tue 28/11/23	100%
47	Obtaining the dumping permit from EPD	Thu 28/12/23	Thu 28/12/23	1 day	46	1	Thu 28/12/23	Thu 28/12/23	100%
48	Submitting Application documents to the Employer for the application of the dumping permit of waste at the sea	Sat 18/11/23	Sun 19/11/23	2 days		0	Sat 18/11/23	Sun 19/11/23	100%
49	Obtaining the dumping permits from Ministry of Ecology and environment of the People's Republic of China through the Employer	Thu 28/12/23	Thu 28/12/23	1 day	48	1	Thu 28/12/23	Thu 28/12/23	100%
50	Obtaining all necessary permits, licenses, approvals and concents	Thu 28/12/23	Thu 28/12/23	0 days		0	Thu 28/12/23	Thu 28/12/23	100%
51	Collection and delivery of public Fill to Taishan	Wed 3/1/24	Sun 18/2/24	47 days	50		Wed 3/1/24	Sun 18/2/24	100%
52	**2nd quarter of year 2024**	**Tue 23/1/24**	**Sat 29/6/24**	**159 days**			**Tue 23/1/24**	**NA**	**23%**
53	Submitting application documents to EPD for application of dumping permits	Tue 23/1/24	Tue 23/1/24	0 days		0	Tue 23/1/24	Tue 23/1/24	100%
54	Obtaining the dumping permit from EPD	Fri 1/3/24	Fri 1/3/24	1 day	53		Fri 1/3/24	Fri 1/3/24	100%
55	Submitting Application documents to the Employer for the application of the dumping permit of waste at the sea	Fri 26/1/24	Fri 26/1/24	1 day			Fri 26/1/24	Fri 26/1/24	100%
56	Obtaining the dumping permits from Ministry of Ecology and environment of the People's Republic of China through the Employer	Fri 1/3/24	Fri 1/3/24	1 day	55	3	Fri 1/3/24	Fri 1/3/24	100%
57	Obtaining all necessary permits, licenses,approvals and concents	Fri 1/3/24	Fri 1/3/24	1 day		0	Fri 1/3/24	Fri 1/3/24	100%
58	Collection and delivery of Public Fill to Taishan	Sat 2/3/24	Sat 29/6/24	120 days	54	0	Sat 2/3/24	NA	20%
59	**3rd quarter of year 2024**	**Tue 14/5/24**	**Mon 30/9/24**	**140 days**			**NA**	**NA**	**0%**
60	Submitting application documents to EPD for application of dumping permits	Sat 1/6/24	Sat 1/6/24	1 day			NA	NA	0%
61	Obtaining the dumping permit from EPD	Sun 2/6/24	Sat 29/6/24	28 days	60		NA	NA	0%



Project:
3 month rolling programme CV/2021/09 S.A. Apr - Jun 24
Date: [23/3/2024]

Task	External Tasks	Duration-only	External Tasks		
Split	External Milestone	Manual Summary Rollup	External Milestone		
Milestone	Inactive Milestone	Manual Summary	Progress		
Summary	Inactive Summary	Start-only	Deadline		
Project Summary	Manual Task	Finish-only			

ID	Task Name	Start	Finish	Duration	Predecesso	time risk allowances	Actual Start	Actual Finish	% Complet
62	Submiting Application documents to the Employer for the application of the dumping permit of waste at the sea	Tue 14/5/24	Tue 14/5/24	1 day		0	NA	NA	0%
63	Obtaining the dumping permits from Ministry of Ecology and environment of the People's Republic of China through the Employer (assumed on	Wed 15/5/24	Sun 23/6/24	40 days	62	7	NA	NA	0%
64	Obtaining all necessary permits, licenses,approvals and concents	Sat 1/6/24	Sun 30/6/24	30 days			NA	NA	0%
65	Collection and delivery of public fill to Taishan	Mon 1/7/24	Mon 30/9/24	92 days	64	0	NA	NA	0%
66	**Removal, excavation and deposition of stockpiled and/or deposited Public Fill within the Designated Reclamation Sites in the Mainland**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**			**Mon 1/1/24**	**NA**	**33%**
68	**Operation and maintenance of the existing navigation channel and turning basins in association with the existing berthing facilituy at Zone E of the Desiganted Reclamation Sites in the Mainland**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**			**Mon 1/1/24**	NA	33%
69	**Design and construction of seawalls in association with new berthing facilities at zone B**	**Thu 1/2/24**	**Sat 28/9/24**	**241 days**			**NA**	**NA**	**0%**
70	Obtaining the dumping permits from Ministry of Ecology and environment of the People's Republic of China through the Employer for Zone B	Thu 1/2/24	Thu 1/2/24	1 day		0	NA	NA	0%
71	Preparation of design submission	Fri 2/2/24	Fri 16/2/24	15 days	70		NA	NA	0%
72	Obtaining all necessary design approvals and concents	Sat 17/2/24	Sun 17/3/24	30 days	71		NA	NA	0%
73	Construction of the. berthing facilities	Mon 18/3/24	Fri 13/9/24	180 days	72		NA	NA	0%
74	Obtaining the construction completion certificate	Sat 14/9/24	Sat 28/9/24	15 days	73	2	NA	NA	0%
75	**Design and construction of seawalls (approximate 200m) in association with new berthing facility at Zone B of the Designated Reclamation Sites in the Mainland**	**Thu 1/2/24**	**Tue 30/7/24**	**181 days**			NA	NA	0%
76	Obtaining the permits from Ministry of Ecology and environment of the People's Republic of China through the Employer for Zone B	Thu 1/2/24	Thu 1/2/24	1 day			NA	NA	0%
77	Preparation of design submission	Fri 2/2/24	Sat 2/3/24	30 days	76	2	NA	NA	0%
78	Obtaining all necessary design approvals and concents	Sun 3/3/24	Mon 1/4/24	30 days	77	2	NA	NA	0%
79	Construction of seawalls	Tue 2/4/24	Sun 30/6/24	90 days	78	14	NA	NA	0%
80	Obtaining the construction completion certificate (subject to Project's Manager's instruction)	Mon 1/7/24	Tue 30/7/24	30 days	79		NA	NA	0%
81	**Site Formation works at Tsang Tsui site**	**Mon 1/1/24**	**Wed 31/7/24**	**213 days**			NA	NA	0%
82	Carrying out of general site clearance and initial survey	Mon 1/1/24	Tue 30/1/24	30 days			NA	NA	0%
83	Construction of a haul road leading to the site	Wed 31/1/24	Thu 29/2/24	30 days	82	2	NA	NA	0%
84	Collection of fill material deliviered by marine transportation through the berthing facility and disposal of the fill material collected to areas within the site	Fri 1/3/24	Wed 31/7/24	153 days		0	NA	NA	0%
85	Planned Completion Date (Section 3)	Mon 30/9/24	Mon 30/9/24	1 day			NA	NA	0%



Project:
3 month rolling programme CV/2021/09 S.A. Apr - Jun 24
Date: [23/3/2024]

Task	External Tasks	Duration-only	External Tasks		
Split	External Milestone	Manual Summary Rollup	External Milestone		
Milestone	Inactive Milestone	Manual Summary	Progress		
Summary	Inactive Summary	Start-only	Deadline		
Project Summary	Manual Task	Finish-only			

Appendix H

Weekly ET's Site Inspection Record

Inspection Date : 03/04/2024

Time : 10:00

Weather : Sunny / Fine / Cloudy / Overcast / Drizzle / Rain / Storm / Hazy

Wind : Calm / Light / Breeze / Strong

Temperature : 29°C

Humidity : High / Moderate / Low

Inspected by	CEDD	Contractor / Sub-Contactor	ET
Signature:			
Name:	T Y Ko	W.L. Kwok	Guy Kong
Title	Alow	E.O	C.M.

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
• Dust control / mitigation measures shall be provided to prevent dust nuisance.	√			
• Water sprays shall be provided and used to dampen materials.	√			
• All stockpile of aggregate or spoil should be enclosed or covered and water applied in dry or windy condition.	√			
• Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	√			
• Unpaved areas should be watered regularly to avoid dust generation.	√			
• The designated site main haul road shall be paved or regular watering.	√			
• The haul road inside the site and public road around the site entrance should be kept clean and free from dust.	√			
• Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	√			
• Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	√			
• The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
• Vehicle and equipment should be switched off while not in use.	√			
• All plant and equipment should be well maintained e.g. without black smoke emission.	√			
• Open burning should be prohibited.	√			
• Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	√			
Noise Impact				
• The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	√			
• The constructions works should be scheduled to minimize noise nuisance.	√			
• Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	√			
• Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	√			
• Air compressors and hand held breakers should have noise labels.	√			
• Compressors and generators should operate with door closed.	√			
• Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	√			
• Noisy equipment and mobile plant shall always be site away from NSRs.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Water Quality				
▪ Drainage system and the sand / silt removal facilities should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√			
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√			
• Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√			
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	√			
▪ The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√			
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√			
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√			
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	√			
Landscape and Visual				
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	√			
• Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	√			
▪ Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	√			
▪ Casuarina equisetifolia were planted as buffer tree along the northern perimeter of the Site. The height of Casuarina equisetifolia was maintained at bleast 3m above soil level.	√			
▪ Lighting shall be set to minimise night-time glare.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Waste Management				
Construction Waste Management				
• Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	√			
• Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	√			
• Mud and debris should be removed from waterworks access roads and associated drainage systems.	√			
• Provision of sufficient waste disposal points and regular collection for disposal. Appropriate measures should be employed to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	√			
• Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	√			
• Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	√			
• In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	√			
• Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	√			
Chemical Waste Management				
• It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	√			
• After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	√			
• Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	√			
• Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	√			
• Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	√			
• The designated chemical waste storage area should only be used for storing chemical wastes.	√			
• The set-up of chemical waste storage area should				
▪ Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	√			
▪ Be enclosed on at least 3 sides and securely closed.	√			
▪ Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	√			
▪ Have adequate ventilation.	√			
▪ Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	√			
▪ Be arranged so that incompatible materials are adequately separated.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
▪ Warning panels should be displayed at the waste storage area.	√			
▪ Waste storage area should be cleaned and maintained regularly.	√			
▪ Chemical waste should be transported regularly by a registered chemical waste collector to a facility licensed to receive chemical waste.	√			
▪ All generators, fuel and oil storage should be within bundle areas.	√			
▪ Oil leakage from machinery, vehicle and plant should be prevented.	√			
▪ In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	√			
▪ The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	√			
Good Site Practices				
▪ Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	√			
▪ Training of site personnel in proper waste management and chemical handling procedures should be provided.	√			
• Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	√			
• Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	√			
• The Environmental Permit should be displaced conspicuously on site.	√			
• Construction noise permits should be posted at site entrance or available for site inspection.	√			
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	√			
▪ Chemical storage area provided with lock and located on sealed areas.	√			
▪ All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	√			
▪ Any unused chemicals or those with remaining functional capacity should be recycled.	√			
▪ Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	√			
• To encourage collection of aluminium cans by individual collectors.	√			
▪ Separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	√			
▪ A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	√			
▪ A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	√			

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Proposed Follow Up Action	Photo Ref.	Further Action Required (Yes/No)	Target Completion Date

Remark

	Name	Title	Signature	Date
Checked by	June Lau	ET Representative		03 April 2024

Inspection Date : 11/4/24

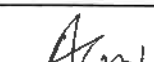
Time : 10:00

Weather : Sunny / Fine / (Cloudy) / Overcast / Drizzle / Rain / Storm / Hazy

Wind : Calm / (Light) / Breeze / Strong

Temperature : 25°C

Humidity : High / Moderate / (Low)

Inspected by	CEDD	Contractor / Sub-Contactor	ET
Signature:			
Name:	C KH	W.L. KWOK	Mak Kei Wai
Title		E.O	E/T

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	√			
▪ Water sprays shall be provided and used to dampen materials.	√			
▪ All stockpile of aggregate or spoil should be enclosed or covered and water applied in dry or windy condition.	√			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	√			
▪ Unpaved areas should be watered regularly to avoid dust generation.	√			
▪ The designated site main haul road shall be paved or regular watering.	√			
▪ The haul road inside the site and public road around the site entrance should be kept clean and free from dust.	√			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	√			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Vehicle and equipment should be switched off while not in use.	√			
▪ All plant and equipment should be well maintained e.g. without black smoke emission.	√			
▪ Open burning should be prohibited.	√			
▪ Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	√			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	√			
▪ The constructions works should be scheduled to minimize noise nuisance.	√			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	√			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	√			
▪ Air compressors and hand held breakers should have noise labels.	√			
▪ Compressors and generators should operate with door closed.	√			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	√			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Water Quality				
▪ Drainage system and the sand / silt removal facilities should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√			
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√			
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√			
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	√			
▪ The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√			
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√			
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√			
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	√			
Landscape and Visual				
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	√			
▪ Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	√			
▪ Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	√			
▪ Casuarina equisetifolia were planted as buffer tree along the northern perimeter of the Site. The height of Casuarina equisetifolia was maintained at bleast 3m above soil level.	√			
▪ Lighting shall be set to minimise night-time glare.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Waste Management				
Construction Waste Management				
▪ Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	√			
▪ Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	√			
▪ Mud and debris should be removed from waterworks access roads and associated drainage systems.	√			
▪ Provision of sufficient waste disposal points and regular collection for disposal. Appropriate measures should be employed to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	√			
▪ Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	√			
▪ Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	√			
▪ In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	√			
▪ Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	√			
Chemical Waste Management				
▪ It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	√			
▪ After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	√			
▪ Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	√			
▪ Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	√			
▪ Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	√			
• The designated chemical waste storage area should only be used for storing chemical wastes.	√			
• The set-up of chemical waste storage area should				
▪ Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	√			
▪ Be enclosed on at least 3 sides and securely closed.	√			
▪ Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	√			
▪ Have adequate ventilation.	√			
• Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	√			
• Be arranged so that incompatible materials are adequately separated.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
▪ Warning panels should be displayed at the waste storage area.	√			
▪ Waste storage area should be cleaned and maintained regularly.	√			
▪ Chemical waste should be transported regularly by a registered chemical waste collector to a facility licensed to receive chemical waste.	√			
▪ All generators, fuel and oil storage should be within bundle areas.	√			
▪ Oil leakage from machinery, vehicle and plant should be prevented.	√			
▪ In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	√			
▪ The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	√			
Good Site Practices				
▪ Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	√			
▪ Training of site personnel in proper waste management and chemical handling procedures should be provided.	√			
• Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	√			
• Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	√			
• The Environmental Permit should be displaced conspicuously on site.	√			
• Construction noise permits should be posted at site entrance or available for site inspection.	√			
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	√			
▪ Chemical storage area provided with lock and located on sealed areas.	√			
▪ All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	√			
▪ Any unused chemicals or those with remaining functional capacity should be recycled.	√			
▪ Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	√			
▪ To encourage collection of aluminium cans by individual collectors.	√			
▪ Separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	√			
▪ A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	√			
▪ A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	√			

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Proposed Follow Up Action	Photo Ref.	Further Action Required (Yes/No)	Target Completion Date

Remark

	Name	Title	Signature	Date
Checked by	June Lau	ET Representative		11 April 2024

Inspection Date : 18 - 4 - 2024

Time : 10:00

Weather : Sunny / Fine / Cloudy / Overcast / Drizzle / Rain / Storm / Hazy

Wind : ~~Calm~~ / Light / Breeze / Strong

Temperature : 27

Humidity : High / Moderate / Low

Inspected by	CEDD	Contractor / Sub-Contactor	ET
Signature:			
Name:	C Kwo	Steve cheng	Ho Ngon Ting
Title	Asst	SA	ET

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	√			
▪ Water sprays shall be provided and used to dampen materials.	√			
▪ All stockpile of aggregate or spoil should be enclosed or covered and water applied in dry or windy condition.	√			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	√			
▪ Unpaved areas should be watered regularly to avoid dust generation.	√			
▪ The designated site main haul road shall be paved or regular watering.	√			
▪ The haul road inside the site and public road around the site entrance should be kept clean and free from dust.	√			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	√			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Vehicle and equipment should be switched off while not in use.	√			
▪ All plant and equipment should be well maintained e.g. without black smoke emission.	√			
▪ Open burning should be prohibited.	√			
▪ Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	√			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	√			
▪ The constructions works should be scheduled to minimize noise nuisance.	√			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	√			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	√			
▪ Air compressors and hand held breakers should have noise labels.	√			
▪ Compressors and generators should operate with door closed.	√			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	√			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Water Quality				
▪ Drainage system and the sand / silt removal facilities should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√			
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√			
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√			
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	√			
▪ The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√			
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√			
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√			
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	√			
Landscape and Visual				
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	√			
▪ Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	√			
▪ Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	√			
▪ Casuarina equisetifolia were planted as buffer tree along the northern perimeter of the Site. The height of Casuarina equisetifolia was maintained at bleast 3m above soil level.	√			
▪ Lighting shall be set to minimise night-time glare.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Waste Management				
Construction Waste Management				
▪ Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	√			
▪ ' Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	√			
▪ Mud and debris should be removed from waterworks access roads and associated drainage systems.	√			
▪ Provision of sufficient waste disposal points and regular collection for disposal. Appropriate measures should be employed to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	√			
▪ Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	√			
▪ Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	√			
▪ In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	√			
▪ Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	√			
Chemical Waste Management				
▪ It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	√			
▪ After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	√			
▪ Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	√			
▪ Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	√			
▪ Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	√			
▪ The designated chemical waste storage area should only be used for storing chemical wastes.	√			
▪ The set-up of chemical waste storage area should				
▪ Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	√			
▪ Be enclosed on at least 3 sides and securely closed.	√			
▪ Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	√			
▪ Have adequate ventilation.	√			
▪ Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	√			
▪ Be arranged so that incompatible materials are adequately separated.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
▪ Warning panels should be displayed at the waste storage area.	√			
▪ Waste storage area should be cleaned and maintained regularly.	√			
▪ Chemical waste should be transported regularly by a registered chemical waste collector to a facility licensed to receive chemical waste.	√			
▪ All generators, fuel and oil storage should be within bundle areas.	√			
▪ Oil leakage from machinery, vehicle and plant should be prevented.	√			
▪ In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	√			
▪ The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	√			
Good Site Practices				
▪ Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	√			
▪ Training of site personnel in proper waste management and chemical handling procedures should be provided.	√			
• Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	√			
• Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	√			
• The Environmental Permit should be displaced conspicuously on site.	√			
• Construction noise permits should be posted at site entrance or available for site inspection.	√			
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	√			
▪ Chemical storage area provided with lock and located on sealed areas.	√			
▪ All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	√			
▪ Any unused chemicals or those with remaining functional capacity should be recycled.	√			
▪ Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	√			
▪ To encourage collection of aluminium cans by individual collectors.	√			
• Separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	√			
▪ A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	√			
▪ A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	√			

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Proposed Follow Up Action	Photo Ref.	Further Action Required (Yes/No)	Target Completion Date

Remark

	Name	Title	Signature	Date
Checked by	June Lau	ET Representative		18 April 2024

Inspection Date : 25/4/24

Time : 10:00

Weather : Sunny / Fine / Cloudy / Overcast / Drizzle / Rain / Storm / Hazy

Wind : Calm / Light / Breeze / Strong

Temperature : 27°C

Humidity : High / Moderate / Low

Inspected by	CEDD	Contractor / Sub-Contactor	ET
Signature:			
Name:	T.Y.Lo	W.L.Kwok	Mak Kei Wai
Title	Alow	E.O	E.T

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	√			
▪ Water sprays shall be provided and used to dampen materials.	√			
▪ All stockpile of aggregate or spoil should be enclosed or covered and water applied in dry or windy condition.	√			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	√			
▪ Unpaved areas should be watered regularly to avoid dust generation.	√			
▪ The designated site main haul road shall be paved or regular watering.	√			
▪ The haul road inside the site and public road around the site entrance should be kept clean and free from dust.	√			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	√			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Vehicle and equipment should be switched off while not in use.	√			
▪ All plant and equipment should be well maintained e.g. without black smoke emission.	√			
▪ Open burning should be prohibited.	√			
▪ Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	√			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	√			
▪ The constructions works should be scheduled to minimize noise nuisance.	√			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	√			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	√			
▪ Air compressors and hand held breakers should have noise labels.	√			
▪ Compressors and generators should operate with door closed.	√			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	√			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Water Quality				
▪ Drainage system and the sand / silt removal facilities should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√			
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√			
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√			
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	√			
▪ The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√			
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√			
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√			
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	√			
Landscape and Visual				
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	√			
▪ Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	√			
▪ Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	√			
▪ Casuarina equisetifolia were planted as buffer tree along the northern perimeter of the Site. The height of Casuarina equisetifolia was maintained at bleast 3m above soil level.	√			
▪ Lighting shall be set to minimise night-time glare.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Waste Management				
Construction Waste Management				
▪ Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	√			
▪ Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	√			
▪ Mud and debris should be removed from waterworks access roads and associated drainage systems.	√			
▪ Provision of sufficient waste disposal points and regular collection for disposal. Appropriate measures should be employed to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	√			
▪ Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	√			
▪ Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	√			
▪ In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	√			
▪ Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	√			
Chemical Waste Management				
▪ It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	√			
▪ After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	√			
▪ Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	√			
• Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	√			
▪ Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	√			
▪ The designated chemical waste storage area should only be used for storing chemical wastes.	√			
▪ The set-up of chemical waste storage area should				
▪ Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	√			
▪ Be enclosed on at least 3 sides and securely closed.	√			
▪ Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	√			
▪ Have adequate ventilation.	√			
▪ Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	√			
▪ Be arranged so that incompatible materials are adequately separated.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
▪ Warning panels should be displayed at the waste storage area.	√			
▪ Waste storage area should be cleaned and maintained regularly.	√			
▪ Chemical waste should be transported regularly by a registered chemical waste collector to a facility licensed to receive chemical waste.	√			
▪ All generators, fuel and oil storage should be within bundle areas.	√			
▪ Oil leakage from machinery, vehicle and plant should be prevented.	√			
▪ In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	√			
▪ The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	√			
Good Site Practices				
▪ Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	√			
▪ Training of site personnel in proper waste management and chemical handling procedures should be provided.	√			
▪ Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	√			
▪ Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	√			
▪ The Environmental Permit should be displaced conspicuously on site.	√			
▪ Construction noise permits should be posted at site entrance or available for site inspection.	√			
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	√			
▪ Chemical storage area provided with lock and located on sealed areas.	√			
▪ All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	√			
▪ Any unused chemicals or those with remaining functional capacity should be recycled.	√			
▪ Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	√			
▪ To encourage collection of aluminium cans by individual collectors.	√			
▪ Separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	√			
▪ A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	√			
▪ A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	√			

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Proposed Follow Up Action	Photo Ref.	Further Action Required (Yes/No)	Target Completion Date

Remark

	Name	Title	Signature	Date
Checked by	June Lau	ET Representative		25 April 2024

Inspection Date : 30/4/24

Time : 14:30

Weather : Sunny / Fine / (Cloudy) / Overcast / Drizzle / Rain / Storm / Hazy

Wind : Calm / (Light) / Breeze / Strong

Temperature : 30°C

Humidity : High / Moderate / (Low)

Inspected by	CEDD	Contractor / Sub-Contactor	ET
Signature:			
Name:	CKL	W. L. Kwok	Mak Kei Wai
Title	APO	E.O	E.T

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	√			
▪ Water sprays shall be provided and used to dampen materials.	√			
▪ All stockpile of aggregate or spoil should be enclosed or covered and water applied in dry or windy condition.	√			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	√			
▪ Unpaved areas should be watered regularly to avoid dust generation.	√			
▪ The designated site main haul road shall be paved or regular watering.	√			
▪ The haul road inside the site and public road around the site entrance should be kept clean and free from dust.	√			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	√			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
▪ Vehicle and equipment should be switched off while not in use.	√			
▪ All plant and equipment should be well maintained e.g. without black smoke emission.	√			
▪ Open burning should be prohibited.	√			
▪ Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	√			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	√			
▪ The constructions works should be scheduled to minimize noise nuisance.	√			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	√			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	√			
▪ Air compressors and hand held breakers should have noise labels.	√			
▪ Compressors and generators should operate with door closed.	√			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	√			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Water Quality				
▪ Drainage system and the sand / silt removal facilities should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√			
• The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	√			
• Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√			
• A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√			
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√			
• The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	√			
▪ The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√			
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√			
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√			
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	√			
Landscape and Visual				
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	√			
▪ Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	√			
▪ Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	√			
▪ Casuarina equisetifolia were planted as buffer tree along the northern perimeter of the Site. The height of Casuarina equisetifolia was maintained at bleast 3m above soil level.	√			
• Lighting shall be set to minimise night-time glare.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Waste Management				
Construction Waste Management				
▪ Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	√			
▪ Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	√			
▪ Mud and debris should be removed from waterworks access roads and associated drainage systems.	√			
▪ Provision of sufficient waste disposal points and regular collection for disposal. Appropriate measures should be employed to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	√			
▪ Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	√			
▪ Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	√			
▪ In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	√			
▪ Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	√			
Chemical Waste Management				
▪ It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	√			
▪ After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	√			
▪ Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	√			
▪ Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	√			
▪ Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	√			
▪ The designated chemical waste storage area should only be used for storing chemical wastes.	√			
▪ The set-up of chemical waste storage area should				
▪ Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	√			
▪ Be enclosed on at least 3 sides and securely closed.	√			
▪ Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	√			
▪ Have adequate ventilation.	√			
▪ Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	√			
▪ Be arranged so that incompatible materials are adequately separated.	√			

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
▪ Warning panels should be displayed at the waste storage area.	√			
▪ Waste storage area should be cleaned and maintained regularly.	√			
▪ Chemical waste should be transported regularly by a registered chemical waste collector to a facility licensed to receive chemical waste.	√			
▪ All generators, fuel and oil storage should be within bundle areas.	√			
▪ Oil leakage from machinery, vehicle and plant should be prevented.	√			
▪ In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	√			
▪ The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	√			
Good Site Practices				
▪ Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	√			
▪ Training of site personnel in proper waste management and chemical handling procedures should be provided.	√			
▪ Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	√			
▪ Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	√			
▪ The Environmental Permit should be displaced conspicuously on site.	√			
▪ Construction noise permits should be posted at site entrance or available for site inspection.	√			
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	√			
▪ Chemical storage area provided with lock and located on sealed areas.	√			
▪ All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	√			
▪ Any unused chemicals or those with remaining functional capacity should be recycled.	√			
▪ Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	√			
▪ To encourage collection of aluminium cans by individual collectors.	√			
▪ Separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	√			
▪ A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	√			
▪ A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	√			

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Proposed Follow Up Action	Photo Ref.	Further Action Required (Yes/No)	Target Completion Date

Remark

	Name	Title	Signature	Date
Checked by	June Lau	ET Representative		30 April 2024

Appendix I

Implementation Schedule of Mitigation Measures

Contract No.: CV/2021/09
Handling of Surplus Public Fill (2022-2023) - Tuen Mun Area 38 Fill Bank

Environmental Mitigation Implementation Schedule

Environmental Protection Measures	Location	Implementation Status			
		Implemented	Partially implemented	Not implemented	Not Applicable
Air Quality					
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	All areas	√			
▪ Water sprays shall be provided and used to dampen materials.	All areas	√			
▪ All stockpile of aggregate or soil should be enclosed or covered and water applied in dry or windy condition.	All areas	√			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	All areas	√			
▪ Unpaved areas should be watered regularly to avoid dust generation.	Site Egress	√			
▪ The designated site main haul road shall be paved or regular watering.	All haul roads	√			
▪ The public road around the site entrance should be kept clean and free from dust.	All areas	√			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	Site Egress	√			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	Site Egress	√			
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	All areas	√			
▪ Vehicle and equipment should be switched off while not in use.	All areas	√			
▪ All plant and equipment should be well maintained e.g. without black smoke emission.	All areas	√			
▪ Open burning should be prohibited.	All areas	√			
▪ Approval or exemption Non-road Mobile Machinery (NRMM) labels should be painted or securely fixed on regulated machines and non-road vehicles at a conspicuous position according to the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation (APCO Cap.311).	All areas	√			
Noise Impact					
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	All areas	√			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	All areas	√			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	All areas	√			
▪ Air compressors and hand held breakers should have noise labels.	All areas	√			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	All areas	√			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	All areas	√			

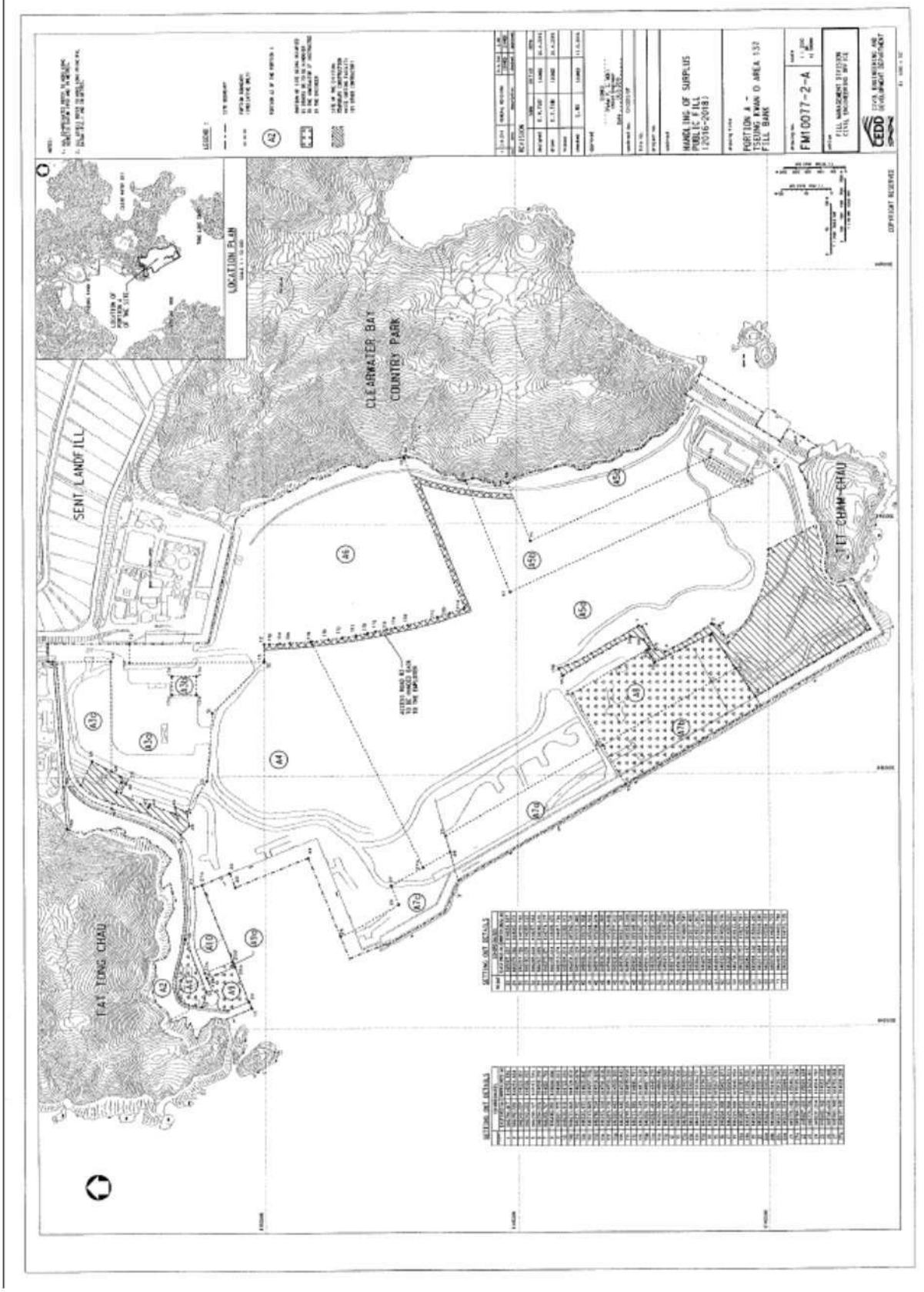
Environmental Protection Measures	Location	Implementation Status			
		Implemented	Partially implemented	Not implemented	Not Applicable
Water Quality					
▪ The existing / realigned intercepting channels and the sand / silt removal facilities shall be used and maintained.	All areas	√			
▪ Temporary intercepting drains should be used at the stockpiling area to divert polluted stormwater to the intercepting channels. Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels.	All areas	√			
▪ The storm water intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	All areas	√			
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	All areas	√			
▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.	All areas		√		
▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water.	Temporary Slopes	√			
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	All areas	√			
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	Wheel Washing facility	√			
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	Site Egress	√			
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	Site Office	√			
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	All areas	√			
▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	All areas	√			
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	Along the seafront	√			
▪ A waste collection vessel shall be deployed to remove floating debris.	Along the seafront	√			
Landscape and Visual					
• The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD.	All areas	√			
• Surface of outer slopes of the Fill Bank shall preferably be hydroseeded.	Completed slopes	√			
• Stockpile of public fill shall be removed in a sequence to allow the outer hydrseeded to be removed later than other portions as far as practicable.	Completed slopes	√			
• *Casuarina equisetifolia* were planted as buffer tree along the northern perimeter of the Site. The height of *Casuarina equisetifolia* was maintained at least 3m above soil level.	Site boundary	√			
• Lighting shall be set to minimise night-time glare.	All areas	√			
Waste Management					
Construction Waste Management					
• Relevant licence / permits for disposal of construction waste or excavated materials available for inspection.	All areas	√			

Environmental Protection Measures	Location	Implementation Status			
		Implemented	Partially implemented	Not implemented	Not Applicable
• Excavated material to be generated from construction works to be re-used on-site as far as practicable to reduce off-site disposal.	All areas	√			
• Mud and debris should be removed from waterworks access roads and associated drainage systems.	All areas	√			
• Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.	All areas	√			
• Prior to disposal of C&D waste, recyclable materials should be salvaged for reuse (such as wood and metal) and inert waste utilised as public fill to minimise the quantity of waste to be disposed of to landfill.	All areas	√			
• In order to monitor the disposal of C&D material and solid wastes at public filling areas and landfills, and to control fly-tipping, a trip-ticket system should be included as one of the contractual requirements.	All areas	√			
▪ Any soil contaminated with chemicals/oils shall be removed from site and the void created shall be filled with suitable materials.	All areas	√			
Chemical Waste Management					
• It is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Waste Storage Area	√			
• After use, chemical wastes (e.g. cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	Waste Storage Area	√			
• Spent chemicals should be stored and collected by an approved operator for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Chemical Waste (General) Regulation.	Waste Storage Area	√			
• Chemical wastes should be separated for special handling and appropriate treatment at the Chemical Waste Treatment Facility.	Waste Storage Area	√			
• Chemical wastes including waste oil should be stored properly in designated areas, e.g. chemical waste storage area.	Waste Storage Area	√			
• The designated chemical waste storage area should only be used for storing chemical wastes.	Waste Storage Area	√			
The set-up of chemical waste storage area should					
• Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition.	Waste Storage Area	√			
• Be enclosed on at least 3 sides and securely closed.	Waste Storage Area	√			
• Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	Waste Storage Area	√			
• Have adequate ventilation.	Waste Storage Area	√			
• Be covered to prevent rainfall entering (water collected within the bund must be tested and disposal as chemical waste if necessary).	Waste Storage Area	√			
• Be arranged so that incompatible materials are adequately separated.	Waste Storage Area	√			
• Warning panels should be displayed at the waste storage area.	Waste Storage Area	√			

Environmental Protection Measures	Location	Implementation Status			
		Implemented	Partially implemented	Not implemented	Not Applicable
• Waste storage area should be cleaned and maintained regularly.	Waste Storage Area	√			
• Chemical waste should be transported by a registered chemical waste collector to a facility licensed to receive chemical waste.	All areas	√			
• All generators, fuel and oil storage should be within bundle areas.	All areas	√			
• Oil leakage from machinery, vehicle and plant should be prevented.	All areas	√			
• In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	All areas	√			
• The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	All areas	√			
Good Site Practices					
• Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	All areas	√			
• Training of site personnel in proper waste management and chemical handling procedures should be provided.	All areas	√			
• Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	All areas	√			
• Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	All areas	√			
• The Environmental Permit should be displaced conspicuously on site.	Site Entrance	√			
• Construction noise permits should be posted at site entrance or available for site inspection.	Site Entrance				√
• Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	All areas	√			
• Chemical storage area provided with lock and located on sealed areas.	Chemical Storage Area	√			
• All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	Chemical Storage Area	√			
• Any unused chemicals or those with remaining functional capacity should be recycled.	All areas	√			
• Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	All areas	√			
• To encourage collection of aluminium cans by individual collectors, separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	All areas	√			
• A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	All areas	√			
• A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be bunded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	All areas	√			
• Remove wastes in a timely manner.	All areas	√			

Appendix J

Site General Layout plan


CLEARWATER BAY
COUNTRY PARK
SENT LANDFILL
TAT TONG CHAU
TIT CHAM CHAU
LOCATION PLAN
HANDLING OF SURPLUS
PUBLIC FILL
(2016-2018)
PORTION A -
TSEUNG KWAN O AREA 137
FILL BANK
FM10077-2-A
FILL MANAGEMENT DIVISION
CIVIL ENGINEERING OFFICE
CEDD

Appendix K

Monthly Summary Waste Flow Table

Monthly Summary Waste Flow Table for 2024

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	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 ‘000kg)
Jan	0	0	0	0	0	0	167.18	0	0	0	449.88
Feb	0	0	0	0	0	0	147.63	0	0	0	65.28
Mar	0	0	0	0	0	0	172.64	0	0	0	45.64
Apr	0	0	0	0	0	0	156.97	0	0	0	112.76
May											
Jun											
Sub-total	0	0	0	0	0	0	644.42	0	0	0	673.56
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	0	0	0	0	0	0	644.42	0	0	0	673.56

Notes:
(1) The performance targets are given in **PS Clause 1.108(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 m^3.
(5) This waste flow table is under Contract (No. CV/2021/09) and the quantities of materials shown in the table is the sum of the material quantities generated by TKO137 Fill Bank and TM38 Fill Bank

Appendix L

Monitoring Schedule for the Coming Month

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)
Tuen Mun 38

Time Schedule for Impact Water Quality Monitoring (WQM), Impact Air Monitoring (1-hrTSP, 24-hr TSP and 24-hr RSP), Weekly Site Inspection (Weekly SI) and Impact Noise Monitor
May 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28-Apr	29-Apr	30-Apr	1-May	2-May	3-May	4-May
		Weekly SI (pm) **1-hr TSP x 1** **Set 24 hr (01/05)** **NM** WQM Mid-flood (09:00-10:30) Mid-ebb (16:00-17:30)	**24-hr TSP** **24-hr TSP**	**1-hr TSP x 2** **NM** WQM Mid-flood (11:00-12:30) Mid-ebb (18:00-19:30)		**1-hr TSP x 1**
5-May	6-May	7-May	8-May	9-May	10-May	11-May
WQM Mid-ebb (10:00-11:30) Mid-flood (15:30-17:00)		**24-hr TSP** **24-hr TSP** **NM** WQM Mid-ebb (11:30-13:00) Mid-flood (17:00-18:30)		**1-hr TSP x 2** **NM** **Weekly SI (am)** WQM Mid-flood (07:00-08:30) Mid-ebb (13:00-14:30)		**1-hr TSP x 1** **Set 24 hr (13/05)** WQM Mid-flood (08:00-09:30) Mid-ebb (14:00-15:30)
12-May	13-May	14-May	15-May	16-May	17-May	18-May
	24-hr TSP **24-hr TSP**	**1-hr TSP x 2** **NM** WQM Mid-flood (09:00-10:30) Mid-ebb (16:00-17:30)		**1-hr TSP x 1** **Set 24 hr (19/05)** **NM** **Weekly SI (am)** WQM Mid-flood (11:30-13:00) Mid-ebb (18:00-19:30)		WQM Mid-ebb (09:30-11:00) Mid-flood (15:00-16:30)
19-May	20-May	21-May	22-May	23-May	24-May	25-May
24-hr TSP **24-hr TSP**		**1-hr TSP x 2** **NM** WQM Mid-ebb (11:00-12:30) Mid-flood (17:00-18:30)		**1-hr TSP x 1** **NM** **Weekly SI (am)** WQM Mid-ebb (12:00-13:30) Mid-flood (18:30-20:00)		**24-hr TSP** **24-hr TSP** WQM Mid-flood (07:30-09:00) Mid-ebb (13:00-14:30)
26-May	27-May	28-May	29-May	30-May	31-May	1-Jun
		1-hr TSP x 2 **NM** **Weekly SI (pm)** WQM Mid-flood (09:00-10:30) Mid-ebb (15:00-16:30)		**1-hr TSP x 1** **Set 24 hr (31/05)** **NM** WQM Mid-flood (10:00-11:30) Mid-ebb (16:30-18:00)	**24-hr TSP** **24-hr TSP**	**1-hr TSP x 2** WQM Mid-flood (08:30-10:00) Mid-ebb (13:30-15:00)

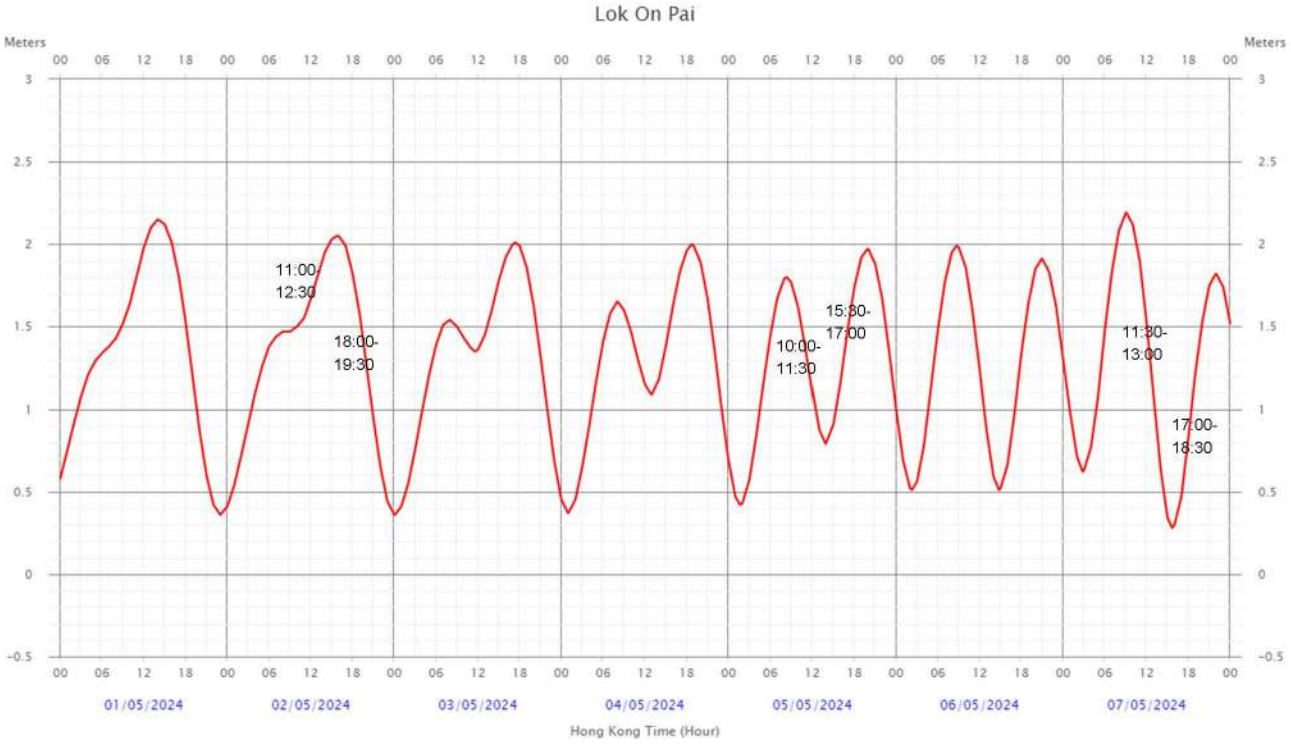
Remarks:
1. The monitoring schedule may be changed due to unforeseen circumstances such as adverse weather.
2. RSP measurement is not required in the EM&A manual and RSP would not presented in EM&A report.
3. Water quality monitoring (Mid-Flood &Ebb) on 04/05/2024 was rescheduled to 05/05/2024 due to the adverse weather condition (Red Rainstorm Warning Signal).

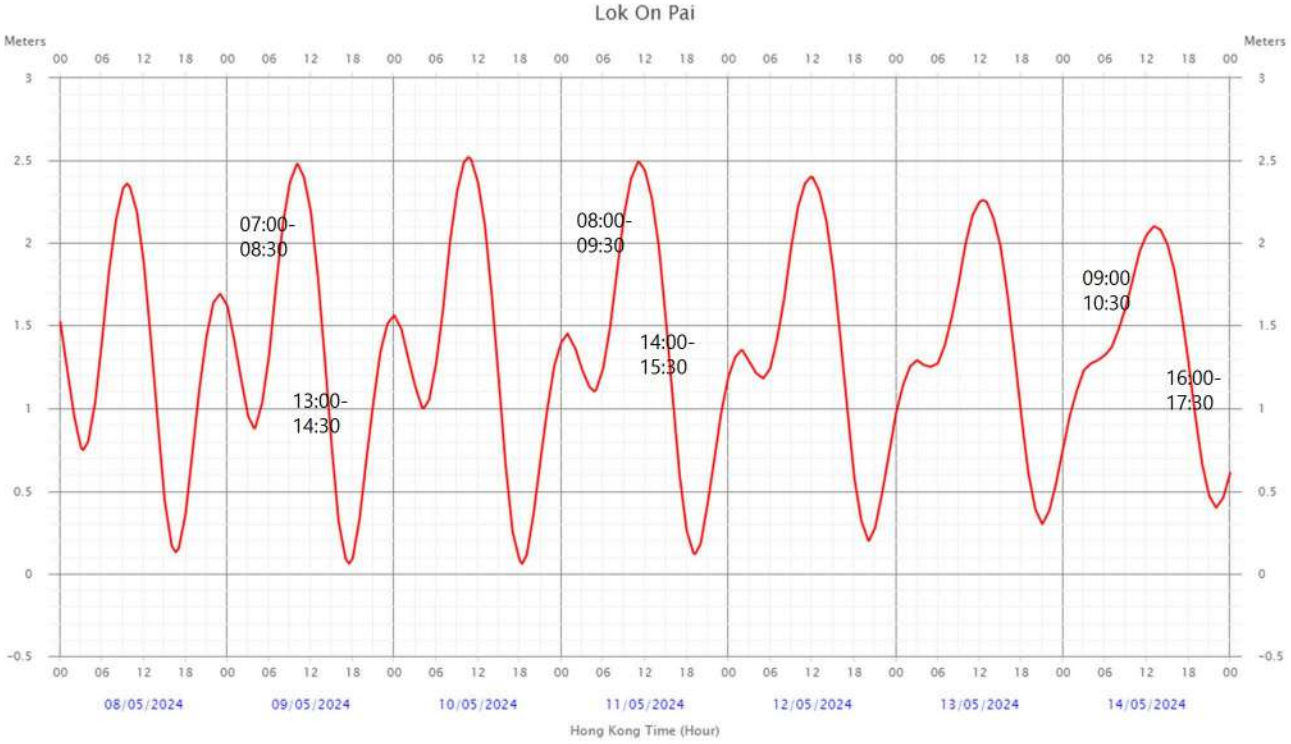
東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)
Tuen Mun 38

Predicted tide schedule from the Hong Kong Observatory for Impact Water Quality Monitoring (WQM)

May 2024



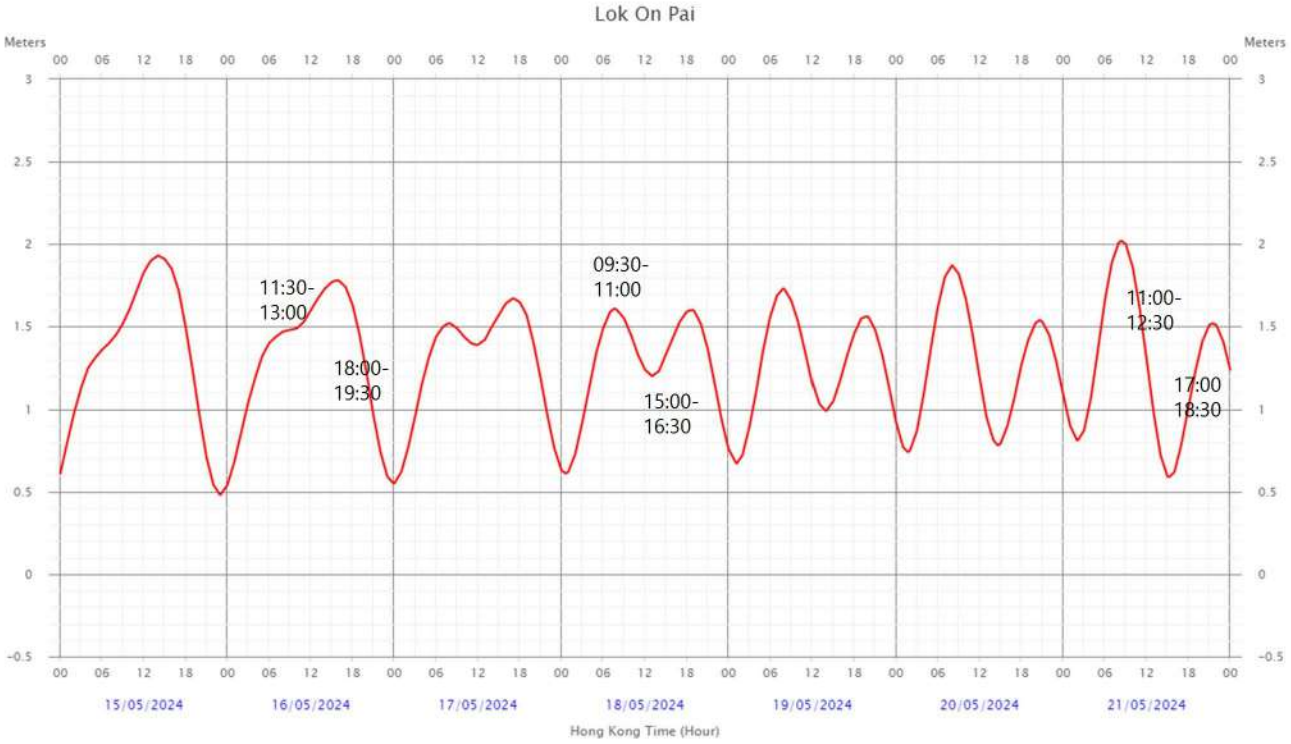


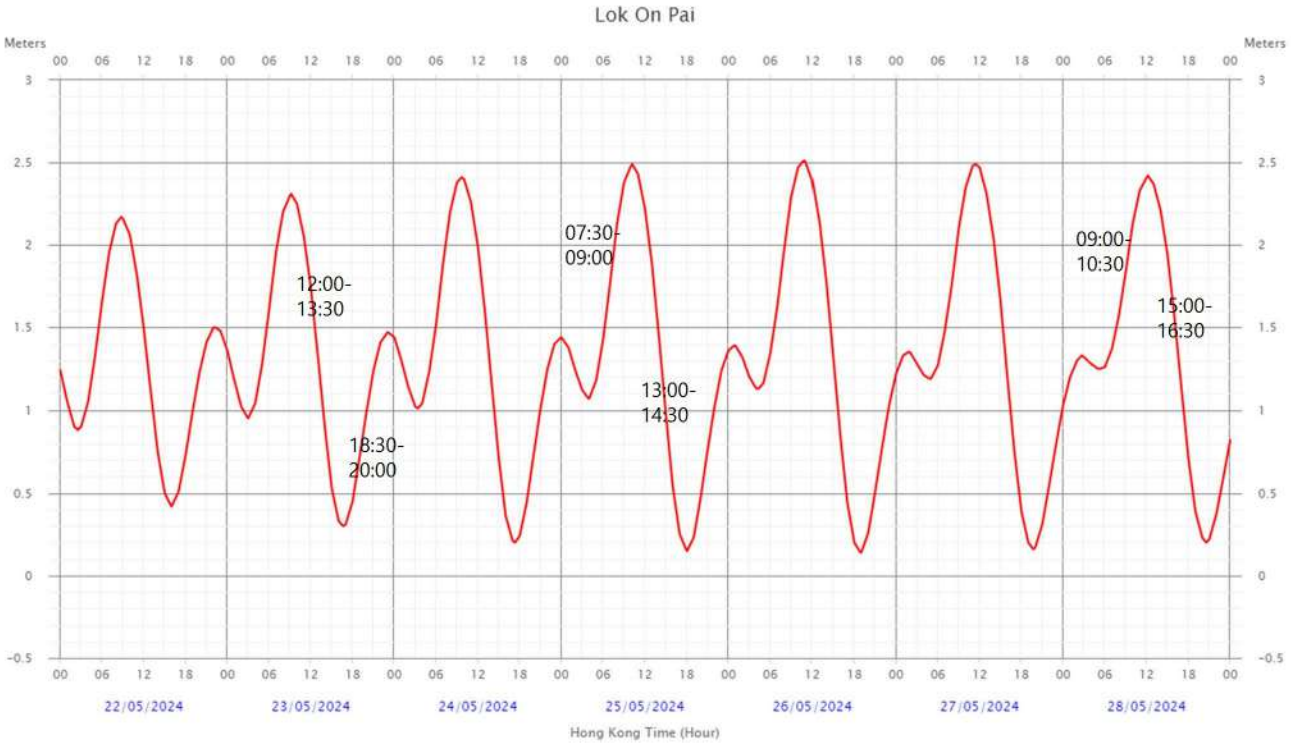
東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)
Tuen Mun 38

Predicted tide schedule from the Hong Kong Observatory for Impact Water Quality Monitoring (WQM)

May 2024



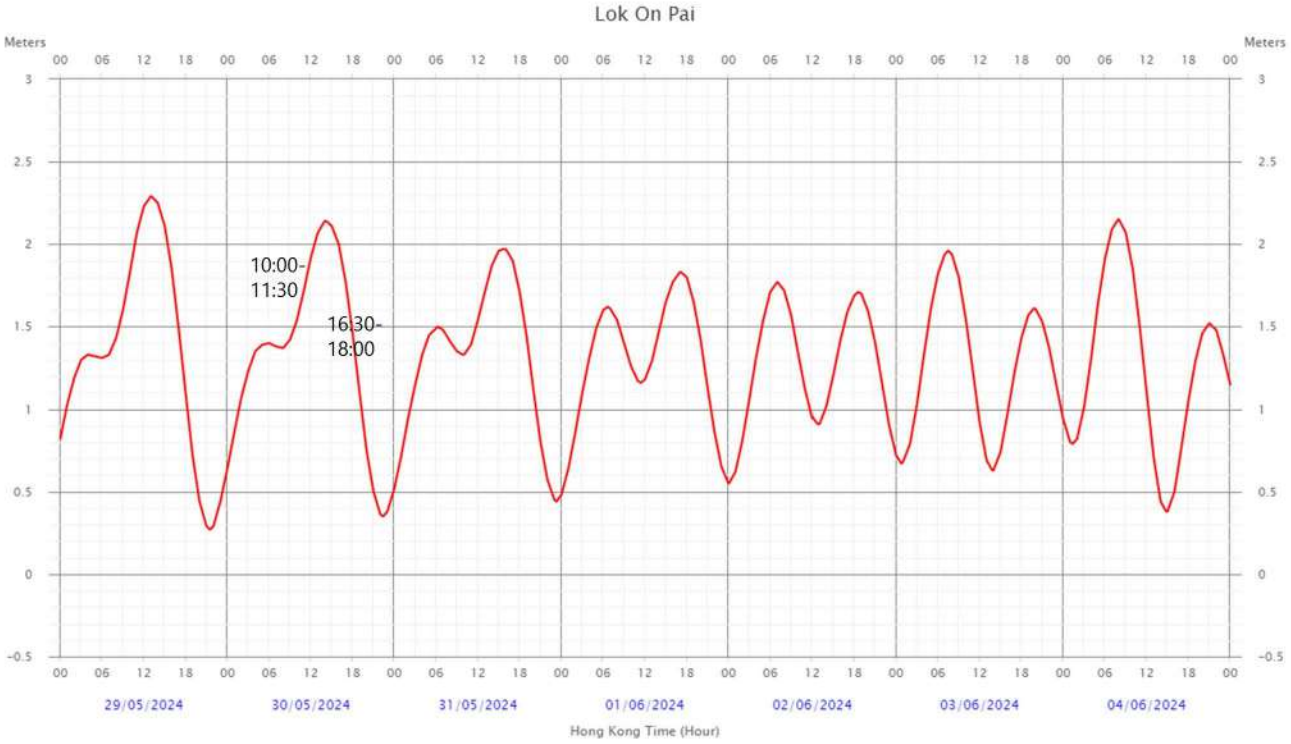


東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)
Tuen Mun 38

Predicted tide schedule from the Hong Kong Observatory for Impact Water Quality Monitoring (WQM)

May 2024



Appendix M

Reporting Month Monitoring Schedule

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)
Tuen Mun 38

Time Schedule for Impact Water Quality Monitoring (WQM), Impact Air Monitoring (1-hrTSP, 24-hr TSP and 24-hr RSP), Weekly Site Inspection (Weekly SI) and Impact Noise Monitor
April 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31-Mar	1-Apr	2-Apr	3-Apr	4-Apr	5-Apr	6-Apr
	24-hr TSP **24-hr TSP** WQM Mid-flood (09:00-10:30) Mid-ebb (15:00-16:30)	**1-hr TSP x 2** **NM**	**Weekly SI (am)** WQM Mid-flood (11:00-12:30) Mid-ebb (18:00-19:30)	**1-hr TSP x 1** **Set 24 hr (07/04)** **NM**		WQM Mid-ebb (11:00-12:30) Mid-flood (16:00-17:30)
7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr	13-Apr
24-hr TSP **24-hr RSP**		**1-hr TSP x 2** **NM** WQM Mid-ebb (12:30-14:00) Mid-flood (18:00-19:30)		**1-hr TSP x 1** **NM** **Weekly SI (am)** WQM Mid-flood (07:30-09:00) Mid-ebb (14:00-15:30)		**24-hr TSP** **24-hr TSP** WQM Mid-flood (08:00-09:30) Mid-ebb (15:00-16:30)
14-Apr	15-Apr	16-Apr	17-Apr	18-Apr	19-Apr	20-Apr
	WQM Mid-flood (08:00-09:30) Mid-ebb (16:00-17:30)	**1-hr TSP x 2** **NM**	WQM Mid-flood (09:00-10:30) Mid-ebb (18:30-20:00)	**1-hr TSP x 1** **Set 24 hr (19/04)** **NM** **Weekly SI (am)**	**24-hr TSP** **24-hr TSP** WQM Mid-ebb (10:30-12:00) Mid-flood (15:30-17:00)	**1-hr TSP x 2**
21-Apr	22-Apr	23-Apr	24-Apr	25-Apr	26-Apr	27-Apr
		1-hr TSP x 1 **NM** WQM Mid-ebb (12:00-13:30) Mid-flood (18:00-19:30)		**24-hr TSP** **24-hr TSP** **NM** **Weekly SI (am)** WQM Mid-flood (07:00-08:30) Mid-ebb (13:00-14:30)		**1-hr TSP x 2** WQM Mid-flood (07:30-09:00) Mid-ebb (14:00-15:30)
28-Apr	29-Apr	30-Apr	1-May	2-May	3-May	4-May
		1-hr TSP x 1 **NM** **Weekly SI (pm)** WQM Mid-flood (09:00-10:30) Mid-ebb (16:00-17:30)	**24-hr TSP** **24-hr TSP**	**1-hr TSP x 2** **Weekly SI (am)** **NM** WQM Mid-flood (09:00-10:30) Mid-ebb (17:00-18:30)		**1-hr TSP x 1** WQM Mid-ebb (09:30-11:00) Mid-flood (15:00-16:30)

Remarks:
1. The monitoring schedule may be changed due to unforeseen circumstances such as adverse weather.
2. RSP measurement is not required in the EM&A manual and RSP would not presented in EM&A report.

Appendix N

QA/QC Results of Laboratory Analysis

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

QA/QC Results of Laboratory Analysis of Total Suspended Solids

Sampling Date	QC Sample Analysis	Sample Duplicate		Sample Spike	
	% Recovery *	Sample ID	% Error #	Sample ID	% Recovery @
2024/4/1	**96.4**	FC1-S	7.69	FM2-M	**98.9**
	98.5	FM2-B	4.26	EM1-S	**98.8**
	98.6	EM1-M	3.17	EC2-B	**98.1**
2024/4/3	**101.3**	FC1-S	5.26	FM2-M	**116.2**
	101.9	FM2-B	3.28	EM1-S	**101.9**
	104.2	EM1-M	3.51	EC2-B	**104.5**
2024/4/6	**101.9**	FC1-S	4.65	FM2-M	**102.0**
	102.2	FM2-B	7.14	EM1-S	**90.4**
	98.5	EM1-M	2.67	EC2-B	**91.9**
2024/4/9	**100.7**	FC1-S	4.08	FM2-M	**97.8**
	98.1	FM2-B	5.13	EM1-S	**112.9**
	99.1	EM1-M	6.45	EC2-B	**95.5**
2024/4/11	**103.0**	FC1-S	2.90	FM2-M	**94.4**
	97.0	FM2-B	0.00	EM1-S	**102.2**
	99.1	EM1-M	7.06	EC2-B	**85.2**
2024/4/13	**98.7**	FC1-S	7.14	FM2-M	**114.5**
	98.1	FM2-B	3.28	EM1-S	**103.2**
	101.9	EM1-M	0.00	EC2-B	**113.1**
2024/4/15	**97.9**	FC1-S	9.09	FM2-M	**106.9**
	100.8	FM2-B	0.00	EM1-S	**113.3**
	104.7	EM1-M	8.00	EC2-B	**80.2**
2024/4/17	**99.8**	FC1-S	6.45	FM2-M	**115.2**
	99.2	FM2-B	4.08	EM1-S	**98.7**
	103.5	EM1-M	5.00	EC2-B	**102.8**
2024/4/19	**103.4**	FC1-S	0.00	FM2-M	**110.2**
	103.7	FM2-B	8.00	EM1-S	**87.3**
	98.8	EM1-M	9.09	EC2-B	**88.4**
2024/4/23	**97.1**	FC1-S	0.00	FM2-M	**95.9**
	104.2	FM2-B	9.52	EM1-S	**114.2**
	103.0	EM1-M	8.33	EC2-B	**86.9**
2024/4/25	**103.6**	FC1-S	4.88	FM2-M	**101.7**
	96.8	FM2-B	4.08	EM1-S	**80.4**
	98.4	EM1-M	2.99	EC2-B	**95.5**
2024/4/27	**102.0**	FC1-S	5.13	FM2-M	**104.9**
	100.6	FM2-B	7.59	EM1-S	**92.4**
	104.4	EM1-M	3.08	EC2-B	**96.6**
2024/4/30	**104.7**	FC1-S	8.70	FM2-M	**86.9**
	101.8	FM2-B	5.88	EM1-S	**98.3**
	100.9	EM1-M	3.85	EC2-B	**87.9**

Note:(*)% Recovery of QC sample should be between 80% to 120%.
(#)% Error of Sample Duplicate should be between –10% to 10%.
(@)% Recovery of Sample Spike should be between 80% to 120%.

Appendix O

Complaint Log

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.

Complaint Log

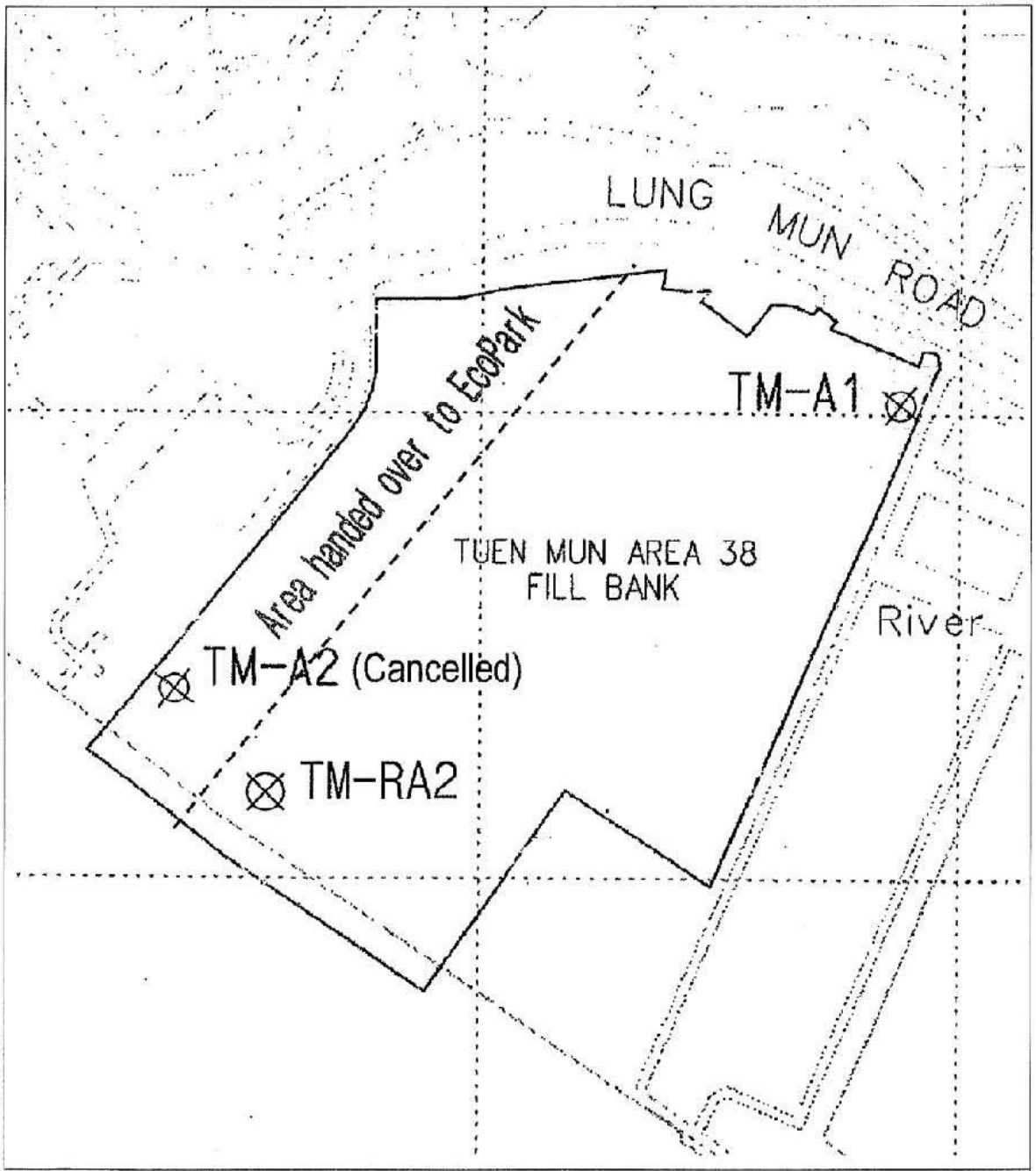
Log Ref.	Location	Received Date	Details of Complaint	Investigation / Mitigation Action	Status
001	Lung Mun Road near Tuen Mun Area 38 Fill Bank	24 May 2017	One complaint received on 24 May 2017, which was forwarded to ET on 03 June 2017, from public against the rocks and debris deposited on the road surface along Lung Mun Road near Tuen Mun Area 38 Fill Bank. The complainant complained that waste generated caused an environmental nuisance.	Refer to the ET site investigation on 06 June 2017, the condition of Lung Mun Road near Tuen Mun Area 38 Fill Bank was found satisfactory. Details of Action(s) Taken by the Contactor: 1. Regular water spraying by water lorries is provided for road cleaning at Lung Mun Road; 2. Regular cleaning on Lung Mun Road and the access road at the site exit by road sweeper to remove mud and gravel is arranged four times on each working day; 3. Site vehicles are washed to remove any dusty materials from their bodies and wheels by using high pressure water jet manually at the entrance of work site before leaving; 4. Site vehicle for transporting materials are covered properly by using clean tarpaulin sheets; 5. Regular cleaning at the site haul road is provided to minimize the fugitive dust emission.	Closed
002	Lung Mun Road near Tuen Mun Area 38 Fill Bank	16 April 2018	One complaint received on 16 April 2018 from public and forwarded to ET by email at 10:51 on 25 May 2018. The complaint detail was”來往屯門第 38 區填料庫的龍門路沿路有很多泥頭車出入，泥頭會從車上掉至路面上，要求部門跟進及回覆。”	Refer to the ET site investigation on 26 May 2018, the condition of Lung Mun Road near Tuen Mun Area 38 Fill Bank was found satisfactory. Details of Action(s) Taken by the Contactor: 1. Regular cleaning on Lung Mun Road and the access road at the site exit by road sweeper to remove mud and gravel is arranged four times on each working day; 2. Regular water spraying by water lorries is provided for road cleaning at Lung Mun Road; 3. Site vehicles are washed to remove any dusty materials from their bodies and wheels by using high pressure water jet manually at the entrance of work site before leaving; 4. Site vehicles for transporting materials are covered properly by using clean tarpaulin sheets; Regular cleaning at the site haul road is provided.	Closed

003	Lung Mun Road near Tuen Mun Area 38 Fill Bank	26 June 2018	One complaint received on 26 June 2018 from public and forwarded to ET by email at 13:58 on 03 July 2018. The complaint detail was" 當天水車於 6 時出動洗街,導致交通阻塞."	Refer to the ET site investigation on 07 July 2018, the condition of Lung Mun Road near Tuen Mun Area 38 Fill Bank was found satisfactory. Details of Action(s) Taken by the Contactor: 1. Improve the road washing plan to avoid washing in traffic peak peroid 2. Revised the road washing schedule as soon as possible once there is traffic jam	Closed
004	Tuen Mun Area 38 Fill Bank	06 October 2021	A complaint was received on 06 October 2021 from public regarding dust nuisance within TM38 Fill Bank and was forwarded to ET by email on 06 October 2021 for investigation.	Refer to the ET site investigation on 12 October 2021, no defective observation related to dust emission was recorded during the investigation. Details of Action(s) Taken by the Contactor: 1. Regular water spraying by water lorries is provided for dust suppression inside the Fill Bank. 2. Regular cleaning at the site haul road is provided to minimize the dust emission.	Closed

005	Tuen Mun Area 38 Fill Bank	28 June 2022	A complaint was received on 28 June 2022, which was forwarded to ET by email on 28 June 2022 for investigation, from public against "土木工程署屯門第 38 區填料庫經常發出異味，致現場的空氣及環境被受污染，土木工程拓展署難辭其咎，環保署亦應就現場大量大型車輛造成的空氣污染作出跟進。"	Refer to the ET site investigation on 30 June 2022, no defective observation related to dust emission was recorded during the investigation Details of Action(s) Taken by the Contactor: 1. Regular water spraying by water lorries is provided for dust suppression inside the Fill Bank; 2. Regular cleaning at the site haul road is provided to minimize the dust emission; 3. Site vehicles are washed to remove any dusty materials from their bodies and wheels by using high pressure water jet manually at the entrance of work site before leaving;	Closed
006	Tuen Mun Area 38 Fill Bank	05 July 2022	A complaint was received on 05 July 2022, which was forwarded to ET by email on 15 July 2022 for investigation, from an environmental group against "為何 TM38 區之斜坡不同蓋上帆布”.	Refer to the ET site investigation on 14 July 2022, no defective observation related to dust emission was recorded during the investigation. Details of Action(s) Taken by the Contactor: 1. Regular water spraying by water lorries is provided for dust suppression inside the Fill Bank. 2. Regular cleaning at the site haul road is provided to minimize the dust emission.	Closed

007	Tuen Mun Area 38 Fill Bank	30 September 2022	A complaint was received on 30 September 2022, which was forwarded to ET by email on 03 October 2022 for investigation, against "In recent days, we found that there was significant dust emission from the fill bank. As you are aware that we need to conduct RSP and TSP monitoring at the site boundary with very tight limits. We worry that these situations might affect our measurement. Please see the videos attached. They are taken on 21 Sept and one on 26 Sept. Grateful if you could investigate the cases and ensure dust is properly controlled.".	The video provided by the complainant showed that there was serious dust emission in 3RS collection area of public fill. Based on this situation, mitigation measures implemented in TM38 Fill Bank were reviewed and enhanced to avoid dust emission. A joint site inspection and meeting was carried out on 06 October 2022 to discuss the dust emission at TM38 Fill Bank. The location of 3RS and discharge point would be inspected in every weekly environmental audit. The status of 3RS location would be recorded to monthly EM&A report. Details of Action(s) Taken by the Contactor: 1. Increasing the frequency of water spraying by water lorries inside the Fill Bank. 2. Setting up water spraying machine in the 3RS area 3. Regular cleaning at the site haul road is provided to minimize the dust emission.	Closed
008	Tuen Mun Area 38 Fill Bank	25 January 2024	A complaint was received on 25 January 2024, which was forwarded to ET by email on 26 January 2024 for investigation, from public against dust nuisance and lack of lighting facilities "投訴屯門 38 區填料庫，沙塵四起，要求加強灑水。要求增加石屎路。夜間增加照明。"	Refer to the ET site investigation on 14 July 2022, no defective observation related to dust emission was recorded during the investigation. Details of Action(s) Taken by the Contactor: 3. Increasing the frequency of water spraying by water lorries to suppress dust emission inside the Fill Bank. 4. Regular cleaning at the site haul road is provided to minimize the dust emission.	Closed

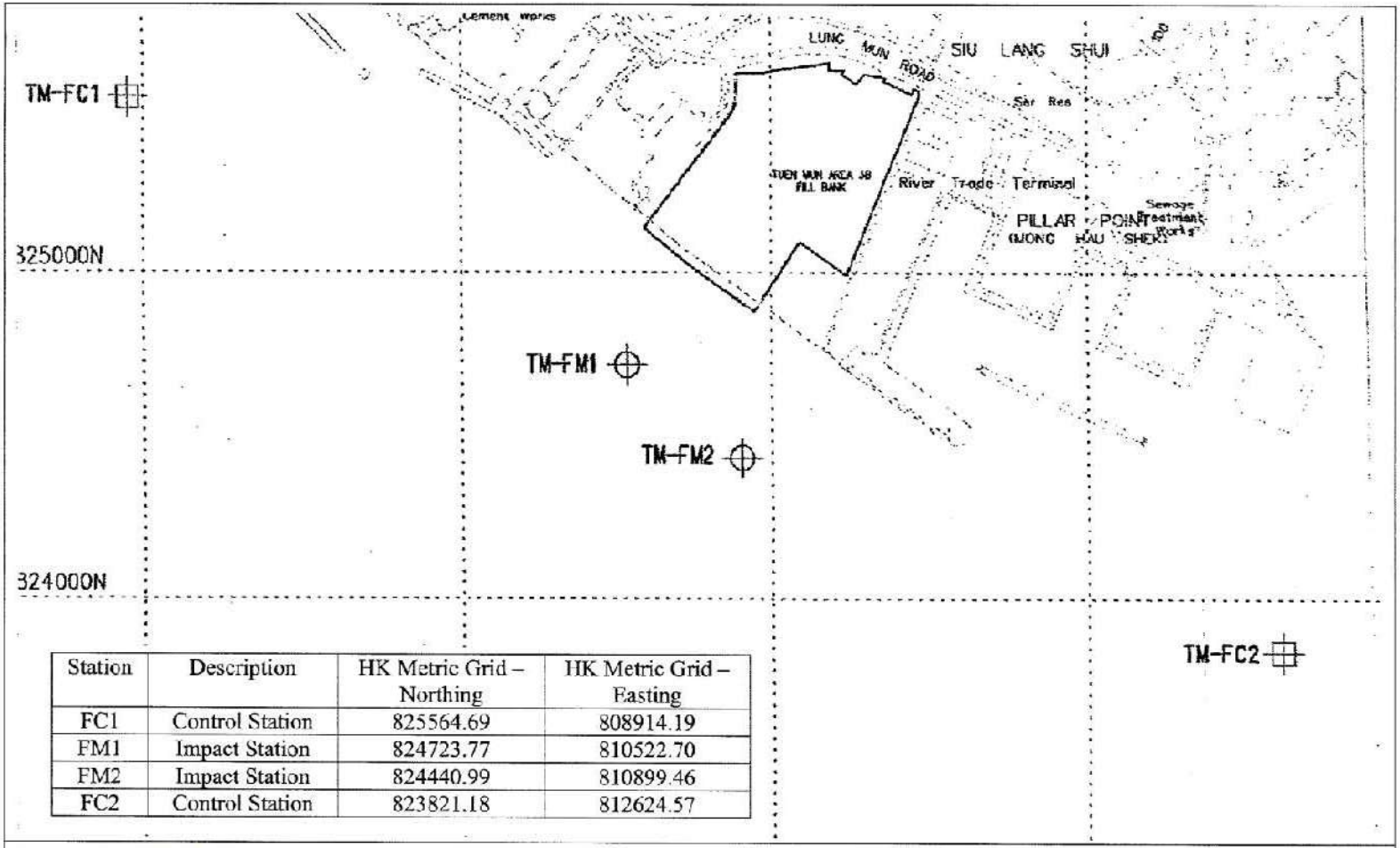
Figures



Contract No. CV/2021/09
Handling of Surplus Public Fill (2022-2023)

Figure 1
Locations of Air Quality Monitoring Stations –
Tuen Mun Area 38 Fill Bank

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED



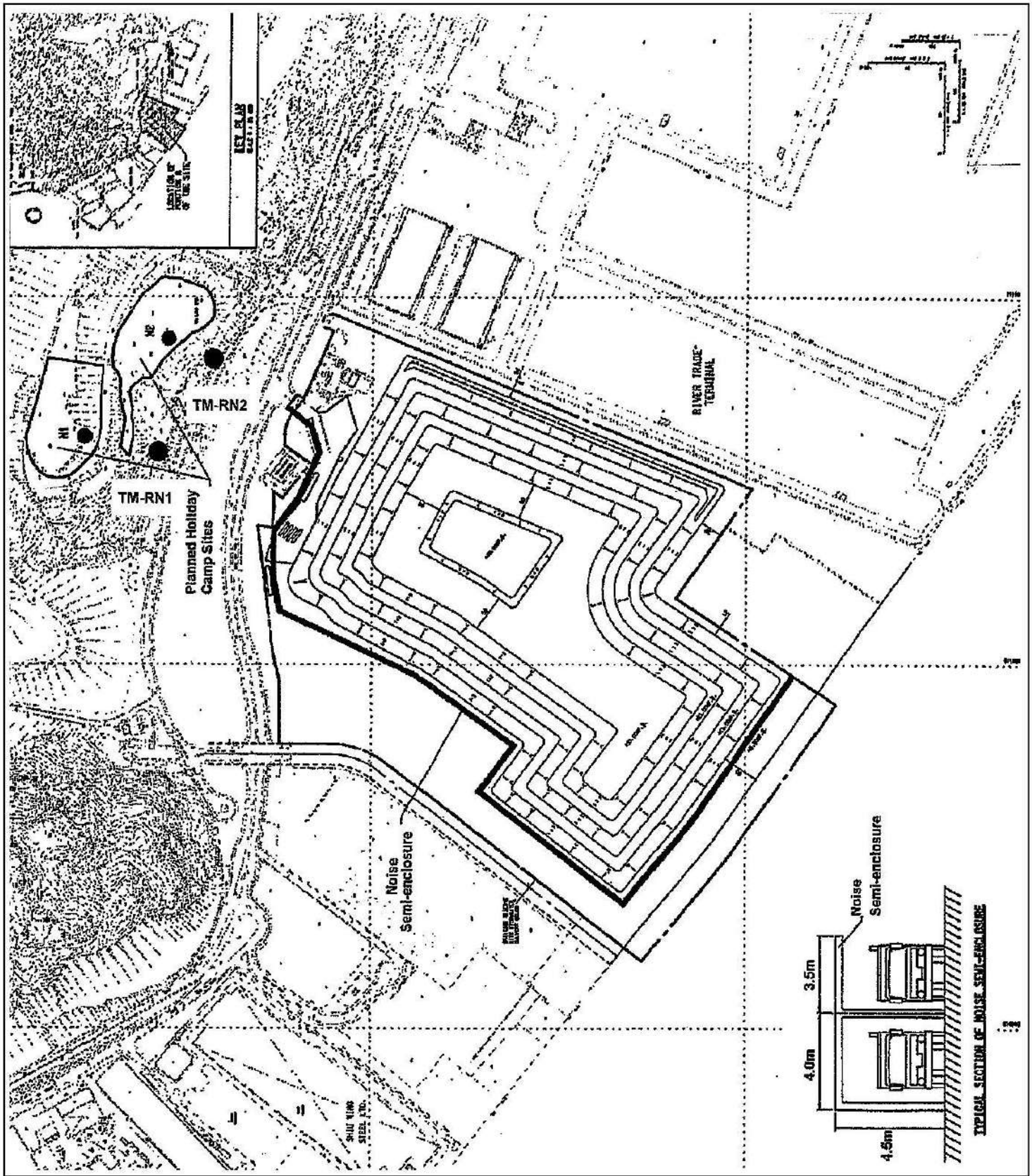
Station	Description	HK Metric Grid – Northing	HK Metric Grid – Easting
FC1	Control Station	825564.69	808914.19
FM1	Impact Station	824723.77	810522.70
FM2	Impact Station	824440.99	810899.46
FC2	Control Station	823821.18	812624.57

Contract No. CV/2021/09
Handling of Surplus Public Fill (2022-2023)

Figure 2
Locations of Water Quality Monitoring Station –
Tuen Mun Area 38 Fill Bank

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

東業德勤測試顧問有限公司
ETS-TESTCONSULT LTD.



Contract No. CV/2021/09
Handling of Surplus Public Fill (2022-2023)

Figure 3
Locations of Noise Monitoring Stations –
Tuen Mun Area 38 Fill Bank

東業德勤測試顧問有限公司
ETS-TESTCONSULT LIMITED

Appendix P

Environmental Review Report (12 December 2023)

Civil Engineering and Development Department

Environmental Review for Extension of Operation of Fill Bank at Tuen Mun Area 38 (2024-2028)

Environmental Review Report

12 December 2023

Project No.: 0685896

The business of sustainability

ERM

Document details	The details entered below are automatically shown on the cover and the main page footer. PLEASE NOTE: This table must NOT be removed from this document.
Document title	Environmental Review for Extension of Operation of Fill Bank at Tuen Mun Area 38 (2024-2028)
Document subtitle	Environmental Review Report
Project No.	0685896
Date	12 December 2023
Version	5.0
Author	DH
Client Name	Civil Engineering and Development Department

Document history

				ERM approval to issue		
Version	Revision	Author	Reviewed by	Name	Date	Comments
1.0		DH	CH	JN	21.06.2023	-
2.0		DH	CH	JN	25.08.2023	EPD's comments dated 12.07.2023
3.0		DH	CH	JN	19.10.2023	EPD's comments dated 19.09.2023, 22.09.2023, 26.09.2023, 11.10.2023
4.0		DH	CH	JN	17.11.2023	EPD's comments dated 09.11.2023, 10.11.2023, 14.11.2023
5.0		DH	CH	JN	12.12.2023	EPD's comments dated 29.11.2023, 01.12.2023, 04.12.2023, 07.12.2023, 08.12.2023

Signature Page

12 December 2023

Environmental Review for Extension of Operation of Fill Bank at Tuen Mun Area 38 (2024-2028)

Environmental Review Report

Dr Jasmine Ng
Managing Partner

ERM-Hong Kong, Limited
2509, One Harbourfront
18 Tak Fung Street
Hunghom, Kowloon
Hong Kong

© Copyright 2023 by ERM Worldwide Group Ltd and / or its affiliates ("ERM").
All rights reserved. No part of this work may be reproduced or transmitted in any form,
or by any means, without the prior written permission of ERM

CONTENTS

1. INTRODUCTION 1
1.1 Background 1
2. PROPOSED OPERATIONAL CHANGES 2
2.1 Proposed Operation Changes in TMFB 2
2.2 Changes to Projects in Tuen Mun Area 38 and the Proximity 3
2.2.1 Construction & Demolition Materials Sorting Facility (C&DMSF) 3
2.2.2 EcoPark 3
2.2.3 Future Development in Tuen Mun Areas 40 and 46 3
2.2.4 Potential Logistic Development in Tuen Mun Area 38 3
3. AIR QUALITY IMPACT ASSESSMENT 4
3.1 Introduction 4
3.2 Legislative Requirement and Evaluation Criteria 4
3.3 Baseline Conditions 4
3.3.1 EPD's Air Quality Monitoring Station 5
3.4 Air Sensitive Receivers 5
3.5 Potential Sources of Air Emissions 6
3.5.1 Air Emission Sources Associated with TMFB Operation (Tier 1) 6
3.5.2 Air Emission Sources in the Vicinity of TMFB (Tier 2) 6
3.5.3 Key Air Pollutants of Interest 6
3.6 Assessment Methodology and Assumptions 7
3.6.1 Modelling Scenarios 7
3.6.2 Dust Emissions from TMFB Operation Activities (Tier 1) 9
3.6.3 Emissions from Site Facilities and Marine Vessels (Tier 1) 9
3.6.4 Other Industrial Emissions in the Vicinity of TMFB (Tier 2) 10
3.6.5 Vehicular Emissions from Internal and External Roads (Tier 1 and 2) 10
3.6.6 Air Dispersion Model, Meteorological Data and Modelling Assumptions 11
3.6.7 Background Air Quality 14
3.6.8 Post-processing of Modelling Results 14
3.6.9 Cumulative Pollutant Concentrations at ASRs 15
3.7 Air Quality Mitigation Measures 15
3.8 Evaluation of Impacts 17
3.8.1 RSP and FSP Impacts 17
3.8.2 NO_2 Impacts 18
3.8.3 SO_2 Impacts 22
3.9 EM&A Requirements 22
4. OTHER ENVIRONMENTAL OUTCOMES 24
4.1 Noise 24
4.2 Water Quality 24
4.3 Waste Management Implication 25
4.4 Other Environmental Aspects 26
5. PROPOSED VARIATION OF THE EXISTING ENVIRONMENTAL PERMIT 27
5.1 Amendment of Condition 3.2 27
5.2 Amendment of Condition 3.21 27
5.3 Amendment of Condition 3.22 27
5.4 Amendment of Condition 3.29 27
5.5 Amendment of Scale and Scope of Designated Project in Part B 28
6. CONSIDERATION OF MATERIAL CHANGE 29
7. CONCLUSION 30

List of Tables

Table 2.1 Key Aspects of TMFB Operations as in the 2021 ERR / at Present and during the Proposed Extension Period 2
Table 3.1 Hong Kong Air Quality Objectives 4
Table 3.2 Concentrations of Air Pollutants Measured at the EPD's Tuen Mun AQMS in the Past 5 Years (2018 – 2022) 5
Table 3.3 Identified Representative ASRs 5
Table 3.4 Modelling Scenarios and Emission Sources Modelled 7
Table 3.5 Differences Between Modelling Scenarios 8
Table 3.6 Total Vehicular Emissions within the 500m Study Area in Year 2024, Year 2025 and Year 2028 11
Table 3.7 Relevant PATH Grids for the Representative ASRs 11
Table 3.8 Model Input Parameters and Assumptions for Assessment 12
Table 3.9 The Standard Deviation of the Horizontal Wind Direction Fluctuations under Different Pasquill Stability Categories 13
Table 3.10 Model Input Parameters and Assumptions for Assessment of Vehicular Emissions 13
Table 3.11 Conversion Factors from 1-hour to 10-minute Mean SO_2 Concentrations 15
Table 3.12 Predicted Cumulative RSP Concentrations at the Worst Affected Height of the Identified ASRs in Year 2024, Year 2025 and Year 2028 17
Table 3.13 Predicted Cumulative FSP Concentrations at the Worst Affected Height of the Identified ASRs in Year 2024, Year 2025 and Year 2028 17
Table 3.14 Predicted Cumulative 1-hour NO_2 Concentrations at the Worst Affected Height of the Identified Representative ASRs in Year 2024, Year 2025 and Year 2028 18
Table 3.15 Differences of Annual Average NO_2 at Identified ASRs (Year 2024 – Year 2023) 20
Table 3.16 Differences of Annual Average NO_2 at Identified ASRs (Year 2025 – Year 2024) 21
Table 3.17 Predicted Cumulative SO_2 Concentrations at the Worst Affected Height of the Identified Representative ASRs in Year 2024, Year 2025 and Year 2028 22
Table 6.1 Review of the Proposed Operational Changes against Material Change 29

List of Figures

Figure 2.1 Locations of Key Facilities within Tuen Mun Fill Bank
Figure 3.1 Locations of Representative Air Sensitive Receivers and TSP Monitoring Stations
Figure 3.2a Locations of Major Emission Sources Associated with Tuen Mun Fill Bank Operation (Year 2024)
Figure 3.2b Locations of Major Emission Sources Associated with Tuen Mun Fill Bank Operation (Year 2025-2028)
Figure 3.3a External Roads and Industrial Sources in the Vicinity of the Project (Year 2024)
Figure 3.3b External Roads and Industrial Sources in the Vicinity of the Project (Year 2025-2028)

List of Appendices

APPENDIX A **DETAILS OF IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS**
APPENDIX B **EMISSION INVENTORY AND DETAILED EMISSION RATE CALCULATIONS FOR SOURCES ASSOCIATED WITH TMFB OPERATION (EXCEPT VEHICULAR EMISSIONS)**
APPENDIX C **EMISSION INVENTORY OF INDUSTRIAL EMISSION SOURCES WITHIN 500M STUDY AREA**
APPENDIX D **TRAFFIC FLOWS OF INTERNAL AND EXTERNAL ROADS**
APPENDIX E **CALCULATION OF TOTAL VEHICULAR EMISSIONS FROM INTERNAL AND EXTERNAL ROADS**

APPENDIX F **CALCULATION OF COMPOSITE EMISSION FACTORS FROM INTERNAL AND EXTERNAL ROADS**

APPENDIX G **CALCULATIONS OF LAND USE PARAMETERS**

APPENDIX H **ROAD CONFIGURATIONS FOR CALINE4 MODEL**

APPENDIX I **EMISSION INVENTORIES OF YEAR 2023 CASE (BASED ON 2021 ERR)**

APPENDIX J **PREDICTED CUMULATIVE POLLUTANT CONCENTRATIONS AT IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS**

APPENDIX K **COMPARISON OF PREDICTED POLLUTANT CONCENTRATIONS AT IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS (TIER 1+TIER 2)**

APPENDIX L **IMPLEMENTATION SCHEDULE OF AIR QUALITY MITIGATION MEASURES**

1. INTRODUCTION

1.1 Background

In line with the government policy on the beneficial use of public fill, the Fill Bank at Tuen Mun Area 38 (TMFB) (hereinafter referred to as "the Project") was established and has been operating since 2003. TMFB is a temporary stockpiling area for public fill generated from construction works and is one of the Designated Waste Disposal Facilities under the *Waste Disposal Ordinance* (WDO) (CAP.354). Under Schedule 2 of the *Environmental Impact Assessment Ordinance* (EIAO) (CAP.499), the construction and operation of TMFB are classified as a Designated Project (DP) and an Environmental Permit (EP) is required.

To suit its operational requirements, applications for Variations of EP (VEP) and the associated Environmental Review Reports (ERR) were then submitted to the Environmental Protection Department (EPD) for approval and the following amended EPs have been issued:

- EP No. EP-210/2005/A on 15 December 2008 (under Application No. VEP-277/2008)
- EP No. EP-210/2005/B on 8 April 2013 (under Application No. VEP-395/2013)
- EP No. EP-210/2005/C on 6 September 2018 (under Application No. VEP-545/2018)
- EP No. EP-210/2005/D on 25 May 2020 (under Application No. VEP-577/2020)
- EP No. EP-210/2005/E on 22 December 2021 (under Application No. VEP-607/2021)

The Project is allowed to be operated until 31 December 2023 under the current EP (i.e. EP-210/2005/E), which is held by the Civil Engineering and Development Department (CEDD).

Given the shortfall of reclamation projects in Hong Kong, the surplus public fill has to be temporarily stored in TMFB, pending opportunities for reuse to provide a stable public fill supply for future reclamation projects. Meanwhile, over the years, since local projects were able to absorb only a small portion of the surplus public fill generated, the fill bank also serves as an outlet for delivering part of the surplus public fill to Mainland China for beneficial reuse.

In order to maintain the storage for future stable supply and an outlet for public fill generated from the construction industry, CEDD proposes to extend the operation of the TMFB for an additional five (5) years (i.e. until 31 December 2028). The proposed changes will require a variation of the conditions of the current EP (i.e. EP-210/2005/E).

ERM-Hong Kong, Limited (ERM) has been commissioned to undertake an environmental review to demonstrate that no adverse environmental impacts will arise from the extended operation of TMFB from Year 2024 to Year 2028.

2. PROPOSED OPERATIONAL CHANGES

2.1 Proposed Operation Changes in TMFB

In order to maintain the storage for future stable supply and an outlet for public fill generated from the construction industry, CEDD proposes to extend the operation of the TMFB for an additional 5 years to 31 December 2028, with the following proposed operational changes in the TMFB:

- Extend the operation of TMFB to 31 December 2028; and
- Increase the maximum stockpiling height to 65.2mPD; and
- Increase the total stockpiling capacity to 6.3 million m^3 of public fill.

The proposed increase in total stockpiling capacity and maximum stockpiling height are only the design capacity, as precautionary measures to prepare for any potential transient increase in need for storage capacity due to temporary decrease in demand for public fill.

The previous ERR was conducted in Year 2021 ("hereinafter referred to as "2021 ERR"), with VEP application approved for the current EP-210/2005/E. The key aspects of the TMFB operation as in the 2021 ERR / at present and during the proposed extension period are summarised in **Table 2.1**. Key facilities within TMFB are illustrated in **Figure 2.1**.

Table 2.1 Key Aspects of TMFB Operations as in the 2021 ERR / at Present and during the Proposed Extension Period

Key Item	As in 2021 ERR / At Present	During the Proposed Extension Period
Operational period	Until 31 December 2023	Until 31 December 2028
Total stockpiling capacity	4.2 million m^3 of public fill	6.3 million m^3 of public fill
Maximum stockpiling height	+40mPD	+65.2mPD
Operating hours for the reception of public fill delivered by trucks	0830hr to 1900hr daily (closed during Lunar Eve and New Year's Days)	No change
Number of incoming truck trips (public fill delivered by road)	1,200 truckloads/day	No change
Operation of barging points – B1, B2, B3 for exporting	Total of 9 barge trips/day (0700 to 2300) Total of 6 barge trips/night (2300 to 0700)	Overall marine transportation for fill export is expected to reduce due to anticipated reduction of barge trips at B3
Operation of barging points – IB1, IB2 for importing	Total of 2 barge trips/day (0700 to 2300)	No change
Operation of the C&DMSF (NSA) [(b)]	572 tonnes/hour (24-hour operation)	250 tonnes/hour (24-hour operation)
Operation of the site crusher	100 tonnes/hour (0700 to 2300 daily)	No change

Notes:
(a) "No change": No change as compared with the TMFB operation as in 2021 ERR.
(b) NSA refers to Construction and Demolition Material Sorting Facility (C&DMSF) within the TMFB site.

With the public fill intake from the fill bank by local reclamation projects including the Three-runway System of the Hong Kong International Airport to be completed gradually, there is a potential shortfall of public fill demand in the coming years. Based on the current public fill generation forecast, there is a need to increase the maximum stockpiling height and capacity in order to cope with the potential increase in need for temporary stockpiling public fill generated from the construction industry in Hong Kong. The additional stockpiling capacity is required until the commencement of major reclamation projects in future. Since the import rates of fill materials to TMFB will remain unchanged, the transportation for delivery of fill materials to the fill bank will remain the same (i.e. 1,200

truckloads/day). Truckload control zone as shown in Figure 2 of the latest EP and the associated control of vehicle trips within the control zone as stated in Condition 3.8 of EP will remain unchanged. Although the maximum stockpiling height and capacity are proposed to be increased, the operation mode of TMFB will remain largely unchanged. The stockpiling area and boundary will also remain unchanged. The stockpiling status would be reported in the monthly EM&A reports.

2.2 Changes to Projects in Tuen Mun Area 38 and the Proximity

2.2.1 Construction & Demolition Materials Sorting Facility (C&DMSF)

The processing capacity of the existing C&DMSF in the vicinity of TMFB (which is not part of the TMFB) will remain the same as in the 2021 ERR, as advised by CEDD (i.e. 700 tonnes/day), to estimate the dust emission rates associated with truck movement, materials handling and other applicable activities in this ERR.

2.2.2 EcoPark

The emissions for existing tenants within EcoPark will remain the same as in the 2021 ERR. Among the existing tenants, a new stack of battery recycling centre (i.e. HKBRC) (1) will tentatively commence operation in Year 2024. A new paper pulping plant is proposed to be built in EcoPark, which is tentatively scheduled for operation in Year 2025. The emissions from existing tenants and the new tenant (i.e. the new paper pulping plant) have been considered in this assessment.

2.2.3 Future Development in Tuen Mun Areas 40 and 46

CEDD and Planning Department (PlanD) have jointly commissioned a consultancy study viz. *Agreement No. 20/2012 (TP) – Planning and Engineering Study for Tuen Mun Areas 40 and 46 and Adjoining Areas*. The study area boundary also covers a portion of Tuen Mun Area 38, including the existing fill bank. Upon checking with CEDD and PlanD, this consultancy commenced in Year 2013 and is still ongoing. The proposed land uses in Tuen Mun Areas 40 and 46 and the implementation programme of the proposed land use/development will be determined during the consultancy. No information related to this future development can be referenced at the time of preparation of this ERR, and thus it has not been considered in this assessment.

2.2.4 Potential Logistic Development in Tuen Mun Area 38

A logistic development would potentially be constructed in Tuen Mun Area 38. The construction and implementation programme of the development is currently under review and discussion is undertaken between CEDD, Transport and Logistics Bureau (TLB) and Environmental and Ecology Bureau (EEB). No information related to this potential logistic development can be referenced at the time of preparation of this ERR and thus it has not been considered in this assessment.

(1) Emissions from HKBRC were not considered in the 2021 ERR as the HKBRC at that time was not yet in operation.

3. AIR QUALITY IMPACT ASSESSMENT

3.1 Introduction

This *Section* presents the review and assessment of the potential air quality impact associated with the TMFB operation and other emission sources in the vicinity of TMFB for the extended TMFB operation (i.e. from 1 January 2024 to 31 December 2028). The emission data adopted in the assessment for the extended TMFB operation is based on the latest information at the time of preparing this ERR. Should there be subsequent changes to the emission sources associated with TMFB operation, the assessment results presented in the report may need to be updated. In case of any changes to other emission sources in the vicinity of TMFB (e.g. EcoPark), the project proponent of these other emission sources will conduct a separate air quality assessment.

3.2 Legislative Requirement and Evaluation Criteria

The principal legislation for the management of air quality in Hong Kong is the *Air Pollution Control Ordinance* (APCO) (CAP.311). Under the APCO, the Air Quality Objectives (AQOs) (see **Table 3.1**) stipulate the statutory limits for air pollutants and the maximum allowable number of exceedances over specific time periods.

Table 3.1 Hong Kong Air Quality Objectives

Air Pollutant	Averaging Time	Concentration (µg/m³) [(a)]	No. of Exceedances Allowed per Year
Sulphur Dioxide (SO_2)	10-minute	500	3
	24-hour	50	3
Respirable Suspended Particulates (RSP) [(b)]	24-hour	100	9
	Annual	50	-
Fine Suspended Particulates (FSP) [(c)]	24-hour	50	18 [(d)]
	Annual	25	-
Nitrogen Dioxide (NO_2)	1-hour	200	18
	Annual	40	-
Carbon Monoxide (CO)	1-hour	30,000	0
	8-hour	10,000	0
Ozone (O_3)	8-hour	160	9
Lead	Annual	0.5	-

Notes:
(a) Measured at 293K and 101.325kPa.
(b) Suspended particles in the air with a nominal aerodynamic diameter of 10µm or less
(c) Suspended particles in the air with a nominal aerodynamic diameter of 2.5µm or less
(d) On a best endeavours basis, a reduced number of allowable exceedances of 18 days per year for 24-hour FSP (in lieu of 35 days per year as set out in the *Air Pollution Control (Amendment) Bill 2021*) should be adopted for air quality impact assessments for new government projects.

The *Air Pollution Control (Construction Dust) Regulation* also recommends dust control measures for dust-generating activities. Requirements stipulated in the *Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation* and *Air Pollution Control (Fuel Restriction) Regulation* will also be followed to control potential emissions from non-road mobile machinery within TMFB. Furthermore, *Air Pollution Control (Marine Light Diesel) Regulation* and *Air Pollution Control (Fuel for Vessels) Regulation* will be followed to control potential emissions from marine vessels arising from TMFB operation.

3.3 Baseline Conditions

The Study Area is defined as 500m from the TMFB site boundary as shown in **Figure 3.1**. Several industrial sites are located in close proximity to the west of TMFB, including Castle Peak Power Station (CPPS), Green Island Cement (GIC), Shiu Wing Steel Mill (SWSM), EcoPark and Permanent

Aviation Fuel Facility (PAFF). The local air quality of the Project Site area is primarily influenced by vehicular emissions from local road networks, emissions associated with the operation of the TMFB as well as stack emissions from the surrounding industrial sites.

3.3.1 EPD's Air Quality Monitoring Station

The nearest EPD's Air Quality Monitoring Station (AQMS) is located at Tuen Mun Public Library, 1 Tuen Hi Road, Tuen Mun. The concentrations of RSP, FSP, NO_2 and SO_2 recorded at this AQMS in the past 5 years (Year 2018 to Year 2022) are presented in **Table 3.2**.

Table 3.2 Concentrations of Air Pollutants Measured at the EPD's Tuen Mun AQMS in the Past 5 Years (2018 – 2022)

Year	Concentrations of Pollutants (µg/m³)								
	10th highest 24-hr RSP	Annual RSP	10th highest 24-hr FSP	19th highest 24-hr FSP (b)	Annual FSP	19th highest 1-hr NO_2	Annual NO_2	4th highest 10-min SO_2	4th highest 24-hr SO_2
2018	87	42	53	47	26	177	47	94	20
2019	89	41	53	46	24	166	47	45	12
2020	84	34	47	41	20	166	40	98	10
2021	87	36	46	42	19	172	44	22	9
2022	65	32	43	39	18	128	39	29	11
AQOs (2014-2021)	**100**	**50**	**75**	**-**	**35**	**200**	**40**	**500**	**125**
AQOs (2022-onwards)	**100**	**50**	**-**	**50**	**25**	**200**	**40**	**500**	**50**

Notes:
(a) Underlined value(s) mean(s) exceedance of the prevailing AQOs and preceding AQOs (effective from 2014 to 2021) at the time of air quality monitoring.
(b) Monitoring data was extracted from the webpage "Air Quality Data – Download/Display" in EPD's Environmental Protection Interactive Centre.

The annual average NO_2 concentrations exceeded the relevant AQO criterion in Year 2018, Year 2019 and Year 2021 but complied in Year 2020 and Year 2022. No exceedances were recorded for other parameters for the past five years.

It should be noted that the Tuen Mun AQMS is situated in the urbanised area of Tuen Mun and more than 4km away from the Project site. Given the differences in land use and the considerable separation distance, the monitoring data recorded at Tuen Mun AQMS may not be representative of the current baseline air quality at the Project site.

3.4 Air Sensitive Receivers

The representative ASRs identified within the 500m Study Area of TMFB in the 2021 ERR have been reviewed. One planned ASR, namely "EcoPark Tenant: Zhou Ji Paper", which is the proposed paper pulping plant and expected to commence operation in Year 2025, is identified within the 500m Study Area of TMFB and is included in the assessment. All existing and planned representative ASRs are listed in **Table 3.3**. The locations of the ASRs are shown in **Figure 3.1**, and the details of the ASRs are provided in **Appendix A**.

Table 3.3 Identified Representative ASRs

ASRs	Description	Type of Use	Status	Approx. Separation Distance from the Site Boundary (m)	Approx. Base Elevation (mPD)	Approx. Max. Height above Ground (mAG)
A1	EcoPark Tenant: HP Telford	Industrial	Existing	225	6.0	7.5

ASRs	Description	Type of Use	Status	Approx. Separation Distance from the Site Boundary (m)	Approx. Base Elevation (mPD)	Approx. Max. Height above Ground (mAG)
A2	EcoPark Tenant: Baguio	Industrial	Existing	370	5.0	7.5
A3	EcoPark Tenant: WEEE	Industrial	Existing	50	5.0	10
A4	EcoPark Tenant: South China	Industrial	Existing	85	5.0	10
A5	EcoPark Tenant: Chung Yue	Industrial	Existing	105	5.0	4.5
A6	EcoPark Tenant: K Wah	Industrial	Existing	75	5.0	4.5
A7	EcoPark Tenant: HKBRC	Industrial	Existing	130	5.0	10
A8	EcoPark Tenant: E-Tech	Industrial	Existing	165	5.0	10
A9	EcoPark Administration Building	Industrial	Existing	265	6.0	10
A10	PAFF Office	Industrial	Existing	475	5.0	10
A11	Goodman Westlink	Industrial	Existing	80	10.0	10
A12	EcoPark Tenant: On Fat Lung	Industrial	Existing	115	5.0	7.5
A13	EcoPark Tenant: Zhou Ji Paper [(a)]	Industrial	Planned	120	5.0	10

Note:
(a) ASR A13 is a planned ASR and the tenant (i.e. paper pulping plant) will commence operation in Year 2025.

3.5 Potential Sources of Air Emissions

3.5.1 Air Emission Sources Associated with TMFB Operation (Tier 1)

Emission sources associated with TMFB operation are considered project-induced emissions, which are defined as Tier 1 emission sources according to EPD's *Guidelines on Assessing the 'Total' Air Quality Impacts*. The potential key air emission sources associated with the TMFB operation have been identified below:

- Dust emissions from TMFB operational activities including fill material handling at stockpiling areas and barging points, operation of material sorting facility (NSA) and the site crusher (C&DMCF), truck movements on major haul roads, as well as wind erosion from stockpiling areas;
- Vehicular emissions from internal roads within TMFB (incoming trucks and internal trucks); and
- Emissions from the site crusher (C&DMCF) and marine vessels (e.g. barges, derrick lighter, tugboat) during berthing and manoeuvring for exporting and importing fill materials.

3.5.2 Air Emission Sources in the Vicinity of TMFB (Tier 2)

Other emission sources within the 500m Study Area that may have the potential to contribute to the air quality impact are defined as Tier 2 emission sources according to EPD's *Guidelines on Assessing the 'Total' Air Quality Impacts*. Other potential air emission sources within the 500m Study Area include:

- Stack emissions from adjacent industrial sites, i.e. emissions within EcoPark;
- Vehicular emissions from external roads within the 500m Study Area; and
- Emissions from the existing C&DMSF [(2)].

3.5.3 Key Air Pollutants of Interest

The operation of TMFB primarily involves activities including fill material handling, truck movements on haul roads as well as the operation of sorting and crushing facilities, which may potentially give

(2) C&DMSF is outside of TMFB and is not part of TMFB.

rise to dust impact at nearby ASRs. Operation of marine vessels, truck movements and the site crusher may also contribute gaseous emissions. Therefore, RSP, FSP, NO_2 and SO_2 were identified to be the key air pollutants of interest associated with the TMFB operation, and these have been assessed quantitatively.

3.6 Assessment Methodology and Assumptions

3.6.1 Modelling Scenarios

Three modelling scenarios, Scenario 1, Scenario 2 and Scenario 3, have been devised to represent the case without the paper pulping plant in operation in Year 2024; the case with the paper pulping plant in operation in Year 2025; and the case with the last year of TMFB operation in Year 2028, respectively, during the proposed extension period of TMFB. Details of emissions considered in these three modelling scenarios are summarised in **Table 3.4**. Differences between the three modelling scenarios are listed in **Table 3.5**.

Table 3.4 Modelling Scenarios and Emission Sources Modelled

Modelling Scenarios	Tier of Emission Sources	Emission Sources Modelled	Assessment Parameters
Scenario 1 (Year 2024)	1	Dust emissions within TMFB (2024-2028) (see **Appendix B1**)	RSP, FSP
	1	Plant emissions within TMFB (2024-2028) (see **Appendix B2**)	RSP, FSP, NO_2, SO_2
	1	Marine emissions within TMFB in Year 2024 (see **Appendix B3**)	RSP, FSP, NO_2, SO_2
	2	Other industrial emissions in the vicinity of TMFB in Year 2024 (see **Appendix C1**)	RSP, FSP, NO_2, SO_2
	1	Vehicular emissions from internal roads in Year 2024 (see **Appendices D1, E1** *&* **F1**)	RSP, FSP, NO_2
	2	Vehicular emissions from external roads within the 500m Study Area in Year 2024 based on Year 2024 traffic forecast and vehicular emission factors (see **Appendices D1, E1** & **F1**)	RSP, FSP, NO_2
	3	Year 2024 Background Contributions from PATH-v2.1	RSP, FSP, NO_2, SO_2
Scenario 2 (Year 2025)	1	Dust emissions within TMFB (2024-2028) (see **Appendix B1**)	RSP, FSP
	1	Plant emissions within TMFB (2024-2028) (see **Appendix B2**)	RSP, FSP, NO_2, SO_2
	1	Marine emissions within TMFB in Years 2025-2028 (see **Appendix B3**)	RSP, FSP, NO_2, SO_2
	2	Other industrial emissions in the vicinity of TMFB in Years 2025-2028 (see **Appendix C2**)	RSP, FSP, NO_2, SO_2
	1	Vehicular emissions from internal roads in Year 2025 (See **Appendices D2, E2** *&* **F2**)	RSP, FSP, NO_2
	2	Vehicular emissions from external roads within the 500m Study Area in Year 2025 based on Year 2025 traffic forecast and vehicular emission factors (see **Appendices D2, E2** & **F2***)*	RSP, FSP, NO_2
	3	Year 2025 Background Contributions from PATH-v2.1	RSP, FSP, NO_2, SO_2
Scenario 3 (Year 2028)	1	Dust emissions within TMFB (2024-2028) (see **Appendix B1**)	RSP, FSP
	1	Plant emissions within TMFB (2024-2028) (see **Appendix B2**)	RSP, FSP, NO_2, SO_2
	1	Marine emissions within TMFB in Years 2025-2028 (see **Appendix B3**)	RSP, FSP, NO_2, SO_2

Modelling Scenarios	Tier of Emission Sources	Emission Sources Modelled	Assessment Parameters
	2	Other industrial emissions in the vicinity of TMFB in Years 2025-2028 (see **Appendix C2**)	RSP, FSP, NO_2, SO_2
	1	Vehicular emissions from internal roads in Year 2028 (See **Appendices D3, E3** *&* **F3**)	RSP, FSP, NO_2
	2	Vehicular emissions from external roads within the 500m Study Area in Year 2028 based on Year 2028 traffic forecast and vehicular emission factors (see **Appendices D3, E3** & **F3***)*	RSP, FSP, NO_2
	3	Year 2025 Background Contributions from PATH-v2.1 (the nearest available year to Year 2028 from EPD's PATH-v2.1)	RSP, FSP, NO_2, SO_2

Table 3.5 Differences Between Modelling Scenarios

Modelled Emission Sources	Year 2024 (Scenario 1)	Year 2025 (Scenario 2)	Year 2028 (Scenario 3)
Dust Emissions within TMFB	■ No differences from Year 2024 to Year 2028		
Plant Emissions within TMFB	■ No differences from Year 2024 to Year 2028		
Marine Emissions	■ Partial implementation of the on-shore power for vessels	■ Full implementation of the on-shore power for vessels	■ Full implementation of the on-shore power for vessels
Industrial Emissions within the 500m Study Area of TMFB	■ Existing emission sources in EcoPark, plus the proposed battery recycling centre (HKBRC)	■ Existing emission sources in EcoPark, plus the proposed battery recycling centre (HKBRC) and Paper Pulping Plant (PPP)	■ Existing emission sources in EcoPark, plus the proposed battery recycling centre (HKBRC) and Paper Pulping Plant (PPP)
Vehicular Emissions from internal roads (internal trucks)	■ Adjusted vehicle emission factors (HGV9b) from EMFAC-HK v4.3 (Year 2024) [(a)] ■ No differences in internal truck flows	■ Adjusted vehicle emission factors (HGV9b) from EMFAC-HK v4.3 (Year 2025) [(b)] ■ No differences in internal truck flows	■ Adjusted vehicle emission factors (HGV9b) from EMFAC-HK v4.3 (Year 2028) [(c)] ■ No differences in internal truck flows
Vehicular Emissions from internal roads (external trucks)	■ Default vehicle emission factors (HGV 7, 8, and 9) from EMFAC-HK v4.3 (Year 2024) ■ No differences in external truck flows into TMFB	■ Default vehicle emission factors (HGV7, 8 and 9) from EMFAC-HK v4.3 (Year 2025) ■ No differences in external truck flows into TMFB	■ Default vehicle emission factors (HGV7, 8 and 9) from EMFAC-HK v4.3 (Year 2028) ■ No differences in external truck flows into TMFB
Vehicular Emissions from external roads within the 500m Study Area of TMFB	■ Default vehicle emission factors from EMFAC-HK v4.3 (Year 2024) ■ Forecasted traffic flows in Year 2024	■ Default vehicle emission factor from EMFAC-HK v4.3 (Year 2025) ■ Forecasted traffic flow in Year 2025	■ Default vehicle emission factor from EMFAC-HK v4.3 (Year 2028) ■ Forecasted traffic flow in Year 2028

Modelled Emission Sources	Year 2024 (Scenario 1)	Year 2025 (Scenario 2)	Year 2028 (Scenario 3)

Notes:

(a) The vehicle emission factors for TMFB internal trucks (named HGV9b) for Calendar Year 2024 were generated from EMFAC-HK v4.3 based on the following adjustments to the vehicle population:

- Euro V HGV9 (Tech. Group 254), Model Year 2019: 82%
- Euro VI HGV9 (Tech. Group 255), Model Year 2020: 18%

(b) The vehicle emission factors for TMFB internal trucks (named HGV9b) for Calendar Year 2025 were generated from EMFAC-HK v4.3 based on the following adjustments to the vehicle population:

- Euro V HGV9 (Tech. Group 254), Model Year 2019: 43%
- Euro VI HGV9 (Tech. Group 255), Model Year 2020: 18%
- Euro VI HGV9 (Tech. Group 255), Model Year 2025: 39%

(c) The vehicle emission factors for TMFB internal trucks (named HGV9b) for Calendar Year 2028 were generated from EMFAC-HK v4.3 based on the following adjustments to the vehicle population:

- Euro V HGV9 (Tech. Group 254), Model Year 2019: 43%
- Euro VI HGV9 (Tech. Group 255), Model Year 2020: 18%
- Euro VI HGV9 (Tech. Group 255), Model Year 2025: 39%

3.6.2 Dust Emissions from TMFB Operation Activities (Tier 1)

The dust emission sources associated with TMFB operation activities include fill material handling (loading/unloading at stockpiling areas and barging points), operation of material sorting facility (NSA) and the site crusher (C&DMCF), truck movements on haul roads and wind erosion from stockpiling areas. The locations of the aforementioned dust emission sources are illustrated in **Figures 3.2a** and **3.2b**. The RSP and FSP emission rates were estimated based on published documents and references such as *Compilation of Air Pollutant Emission Factors, AP-42, 5th Edition* by the United States Environmental Protection Agency (USEPA). Air quality mitigation measures as recommended in the 2021 ERR for the VEP (i.e. VEP-607/2021) and the current EP (i.e. EP-210/2005/E) will continue to be implemented. These mitigation measures are presented in **Section 3.7** and have been considered in the assessment. The detailed RSP and FSP emission rate calculations, assumptions and emission inventory of these dust emission sources are provided in **Appendix B1**.

It is proposed to increase the maximum stockpiling height from the current 40mPD to 65.2mPD. While the stockpiling height and capacity increase, the stockpiling area and the operation mode of TMFB remain unchanged. The increase of stockpiling height (from the current maximum height of 40mPD to the proposed maximum height of 65.2mPD) would effectively lead to an increase of emission heights of some relevant emission sources associated with the stockpiling areas (i.e. emission sources listed in **Appendix B1**). With only the emission heights increased and all other modelling assumptions remaining unchanged, the predicted dust impacts are expected to be similar, except that the worst-hit level would be higher above ground. Considering that all the identified ASRs are low-rise buildings with a maximum height of just around 10m, it is unlikely that these ASRs would experience the worst-hit level when assuming a maximum stockpiling height of 65.2mPD. The air quality impact under the scenario of having a maximum stockpiling height of 65.2mPD is expected to be no worse than that under the scenario of having a maximum stockpiling height of about 40mPD. As a conservative approach, the minimum stockpiling height (i.e. 25mPD) has been adopted in the model setup of this ERR (see **Appendix B1**) (3).

3.6.3 Emissions from Site Facilities and Marine Vessels (Tier 1)

Berthing and manoeuvring emissions from marine vessels (i.e. barges, derrick lighter, tugboat) for exporting and importing fill materials, as well as emissions from diesel generators associated with the operation of the existing C&DMSF and the site crusher (C&DMCF) may give rise to RSP, FSP, NO_2 and SO_2 emission impacts. There are no gaseous emissions from NSA within TMFB as it has been

(3) As confirmed by a sensitivity analysis to compare the three cases of TMFB operation with stockpiling heights at 25mPD (minimum), 40mPD and 65.2mPD (maximum), a lower stockpiling height will cause higher dust impact given that the identified ASRs are of low rise with building height of around 10mAG.

operating on electricity from CLP since 1 July 2019 as per the requirement of the current EP (Condition 3.26 of the EP-210/2005/E). The locations of the barging points, the diesel generators of the C&DMSF and the site crusher are shown in **Figures 3.2a** and **3.2b**. The detailed RSP, FSP, NO_2 and SO_2 emission rate calculations, assumptions and emission inventory are provided in **Appendices B2** and **B3**.

3.6.4 Other Industrial Emissions in the Vicinity of TMFB (Tier 2)

Infrastructure Planning Group (IPG) of EPD has been consulted with regard to the tenant conditions and potential emissions within EcoPark. IPG confirmed that the existing EcoPark emissions (i.e. WEEE-Park [(4)], SSK Metal (waste batteries), K Wah and the Biochar Production Plant (Biochar)) as assumed in the 2021 ERR remain valid based on the latest available information at the time of writing this ERR. In addition, a new stack of the battery recycling centre (HKBRC) and a proposed paper pulping plant (PPP) are expected to commence operation in EcoPark in Year 2024 and Year 2025, respectively. The stack parameters and emission information of the proposed HKBRC and PPP were obtained from IPG of EPD based on the latest available information. The emission inventory for EcoPark in Year 2024; and Year 2025 and Year 2028 are provided in **Appendices C1** and **C2** respectively. The stack locations within EcoPark are shown in **Figures 3.3a** and **3.3b**. Should there be subsequent changes to the emission inventory of Ecopark from those provided in **Appendices C1** and **C2**, the project proponent of these other emission sources will conduct a separate air quality assessment.

3.6.5 Vehicular Emissions from Internal and External Roads (Tier 1 and 2)

RSP, FSP and NO_2 emissions arising from TMFB internal road traffic (incoming trucks and internal trucks) and other external road traffic within the 500m Study Area of TMFB will contribute to the air quality impacts to the identified ASRs and thus have been considered in the quantitative assessment.

Given that ultra-low sulphur fuel is used for all types of vehicles in Hong Kong and the fact that SO_2 from vehicular emissions contribute less than 1% of the total emissions (*2020 Hong Kong Emission Inventory Report* by EPD), SO_2 is not a key air pollutant of concern arising from vehicular emissions. Therefore, SO_2 emission from vehicular emissions is not considered in the assessment.

As part of this environmental review, a traffic survey within the 500m Study Area of TMFB has been carried out and traffic forecasts for Year 2024, Year 2025 and Year 2028 have been provided by the Traffic Consultant for the assessment of vehicular emission impact from external road traffic. The traffic forecast for internal and external roads adopted in this assessment is detailed in **Appendices D1** to **D3**. The traffic forecast has been endorsed by Transport Department and the approval letter is attached in **Appendix D6**.

As it is proposed to extend the operation of TMFB from Year 2024 to Year 2028, the vehicular emission burdens of RSP, FSP, NO and NO_2 in Year 2024, Year 2025 and Year 2028 were estimated based on the EMFAC-HK v4.3 model in order to determine the highest vehicular emission burden year within the 500m Study Area during the extended operation period. Total vehicular emissions within the 500m Study Area in Year 2024, Year 2025 and Year 2028 have been evaluated and the detailed calculation is presented in **Appendices E1** to **E4**. As summarised in **Table 3.6**, Year 2024 was predicted to have the highest total vehicular NO_x emissions within the proposed extended TMFB operation period, while Year 2028 was predicted to have the highest total vehicular RSP and FSP emissions within the proposed extended TMFB operation period. Assessment of vehicular emission impact in Year 2024, Year 2025 and Year 2028 has been carried out for the respective assessment years under Scenario 1, Scenario 2 and Scenario 3, respectively.

(4) The emission inventories of WEEE.PARK as indicated in Appendix C will remain valid from 2024.01.01 to 2027.10.20. If there is any change to the emission inventory of WEEE.PARK after 2027.10.20, the project proponent (WEEE.Park) may need to conduct separate AQIA to demonstrate no adverse air quality impact for the proposed changes / new development.

Table 3.6 Total Vehicular Emissions within the 500m Study Area in Year 2024, Year 2025 and Year 2028

Year	RSP (g/day)	FSP (g/day)	NOx (g/day)
2024	1654.20	1520.34	74110.27
2025	1523.86	1400.53	66056.12
2028	1759.77	1618.06	62118.23

Start emission has been considered and included along all external roads (i.e. LD and DD roads). For start emission from internal trucks along internal roads, the internal trucks operate non-stop during the operation hours (i.e. 0700-2300) and park overnight (i.e. 2300-0700) within TMFB. Start emission has been considered in the first hour of operation hours (i.e. 0700-0800) in the assessment [(5)]. For start emission from external trucks at internal roads, these external trucks deliver fill materials to TMFB, leave immediately after the delivery and are not allowed to park in TMFB. Therefore, start emission from external trucks along internal roads was excluded from the assessment. Since the truck loading/ unloading operations take place for a short period of time only (expected to be around 1 minute or less), it is expected that the idling emission during the loading and unloading operation within TMFB would be insignificant. Idling emission was thus not considered in the assessment.

3.6.6 Air Dispersion Model, Meteorological Data and Modelling Assumptions

An EPD-recommended air dispersion model, AERMOD, was used to assess the potential air quality impact at the identified ASRs from dust emissions, marine emissions and industrial emissions. The quantitative assessment has been conducted following the latest EPD *Guidelines for Local-scale Air Quality Assessment Using Model*.

The Project site and the 500m Study Area fall within the PATH grids (15,38), (15,39) and (16,39). The relevant PATH grids in which the representative ASRs are located have been identified and shown in **Table 3.7** and **Appendix A.** The predicted meteorological data for the relevant PATH grids from the PATH v2.1 model obtained from EPD's website were used for model input.

Table 3.7 Relevant PATH Grids for the Representative ASRs

ASRs	Description	Relevant PATH Grid
A1	EcoPark Tenant: HP Telford	15,39
A2	EcoPark Tenant: Baguio	15,38
A3	EcoPark Tenant: WEEE	16,39
A4	EcoPark Tenant: South China	15,38
A5	EcoPark Tenant: Chung Yue	15,38
A6	EcoPark Tenant: K Wah	15,38
A7	EcoPark Tenant: HKBRC	15,38
A8	EcoPark Tenant: E-Tech	15,38
A9	EcoPark Administration Building	15,39
A10	PAFF Office	15,38
A11	Goodman Westlink	16,39
A12	EcoPark Tenant: On Fat Lung	15,38
A13	EcoPark Tenant: Zhou Ji Paper	16,39

AERMET, the meteorological pre-processor of AERMOD, was run to generate AERMOD-ready meteorological data for AERMOD model input. The land use parameters, including albedo, bowen ratio and surface roughness are required inputs for AERMET. The land use of 1km from the identified

(5) Start emission of internal trucks is conservatively considered along each haul road, and is calculated based on the total number of internal trucks within TMFB (i.e. 28 trucks, provided by CEDD) and the vehicle-kilometer-travelled (VKT) along that particular haul road.

ASRs within each PATH grid has been evaluated to determine the PATH-grid specific surface roughness values. The land uses of 10km x 10km from the Project Site have also been evaluated to determine the values of the Albedo and Bowen ratio for the PATH grids. Detailed calculations of Albedo, Bowen ratio and surface roughness are presented in **Appendix G**. Land use maps illustrating the determination of the land use parameters are also shown in **Appendix G**.

The AERMET and AERMOD model input parameters and assumptions for the assessment are summarised in **Table 3.8**.

Table 3.8 Model Input Parameters and Assumptions for Assessment

Input Parameters & Assumptions	Descriptions
Air dispersion model	AERMOD
Type of source	Point sources, area sources
Assessment parameter	■ 24-hour RSP and annual RSP ■ 24-hour FSP and annual FSP ■ 1-hour NO_2 and annual NO_2 ■ 10-minute SO_2 and 24-hour SO_2
Meteorological data	■ Weather Research and Forecasting Model (WRF) data in Year 2015 from PATH-v2.1 to be used to input into AERMET to produce AERMOD-ready meteorological data ■ PATH Grids – (15,38), (15,39) and (16,39) ■ Actual mixing heights recorded by the Hong Kong Observatory (HKO) in Year 2015 were in the range of 131m to 1,941m. Mixing heights from WRF data which are lower than 131m or higher than 1,941m are to be adjusted to 131m and 1,941m respectively ■ Wind direction of 0º to be adjusted to 360º ■ Wind speed smaller than 1m/s to be adjusted to 1m/s ■ Anemometer height of WRF data = 9m

An EPD-recommended model, EMFAC-HK v4.3, was used to predict the vehicular emission factors of RSP, FSP, NO and NO_2 for the 18 vehicle types for Scenario 1 (Year 2024), Scenario 2 (Year 2025) and Scenario 3 (Year 2028). "EMFAC" mode was used for the model run. The latest *Use of Temperature and Relative Humidity Data for Vehicular Emission Factor Prediction* issued by EPD was followed for the treatment of ambient temperature and relative humidity in generating vehicular emission factors for this assessment. The minimum hourly ambient temperature and minimum hourly relative humidity recorded at the nearest HKO weather station (i.e. Tuen Mun Children and Juvenile Home Weather Station) in Year 2022 (see **Appendix F4**) were adopted in the EMFAC-HK to generate vehicular emission factors (i.e. RSP, FSP, NO and NO_2) for the assessment of 24-hour RSP, annual RSP, 24-hour FSP, annual FSP, 1-hour NO_2 and annual NO_2. The EMFAC output vehicular emission factors of RSP, FSP, NO and NO_2 for the 18 vehicle types for Year 2024, Year 2025 and Year 2028 are provided in **Appendices E1, E2 and E3** respectively. The calculation of the composite emission factors for Year 2024, Year 2025 and Year 2028 are presented in **Appendices F1**, **F2 and F3** respectively.

An EPD-recommended air dispersion model, CALINE4, was used for predicting the RSP, FSP, NO and NO_2 impacts due to vehicular emissions from the identified internal roads and external roads within the 500m Study Area of TMFB. Details of the road configurations are provided in **Appendix H**. Since the highest road height allowed in the input into the CALINE4 model is limited to 10m, any road with a road height greater than 10m was set at a height of 10m in the CALINE4 model as a conservative approach.

The land use types have been examined within an area of a 3km radius from the concerned PATH grids. As industrial, commercial and residential land uses account for less than 50% of the examined area, rural area was assumed and the surface roughness height of 100cm for rural area was adopted

for the CALINE4 model run. Wind directional variability was calculated based on the following formula according to the stability class with reference to Irwin, J.S., 1980 (6).

$$S_o = S \times (Z_o/15cm)^{0.2}$$

Where

Zo = is the surface roughness length (in cm) of the PATH grid;

So = is the standard deviation of the horizontal wind direction Fluctuations (in degrees)

S = is the standard deviation of the horizontal wind direction fluctuations (in degrees) for an aerodynamic surface roughness length of 15cm with reference to Irwin, J.S., 1980. S is a function of Pasquill stability class.

Table 3.9 shows the standard deviations of the horizontal wind direction fluctuations under different Pasquill Stability categories for the concerned PATH grids.

Table 3.9 The Standard Deviation of the Horizontal Wind Direction Fluctuations under Different Pasquill Stability Categories

Pasquill Stability Class	Standard Deviation of the Horizontal Wind Direction Fluctuations (in degrees)
PATH Grids (15,38), (15,39), (16,39)	
A	32.9
B	32.9
C	25.6
D	18.3
E	11.0
F	5.6

The CALINE4 model input parameters and assumptions are summarised in **Table 3.10**.

Table 3.10 Model Input Parameters and Assumptions for Assessment of Vehicular Emissions

Input Parameters & Assumptions	Descriptions
Air dispersion model	CALINE4
Year of traffic flow	Year 2024, Year 2025 and Year 2028
Vehicle emission factors	EMFAC-HK emission factors for Year 2024, Year 2025 and Year 2028
Assessment parameter	■ 24-hour RSP and annual RSP ■ 24-hour FSP and annual FSP ■ 1-hour NO_2 and annual NO_2
Meteorological data	■ Weather Research and Forecasting Model (WRF) data in Year 2015 from PATH-v2.1 ■ PATH Grids – (15,38), (15,39) and (16,39) ■ Actual mixing heights recorded by the HKO in Year 2015 were in the range of 131m to 1,941m. Mixing heights from WRF data which are lower than 131m or higher than 1,941m are to be adjusted to 131m and 1,941m respectively ■ Wind speed smaller than 1m/s adjusted to 1m/s ■ Stability class extracted from each concerned PATH grid in PATH-v2.1 ■ Calculation of wind directional variability based on stability class and surface roughness length of 100cm for rural areas

(6) Dispersion Estimate Suggestion #8: Estimation of Pasquill Stability Categories. U.S. Environmental Protection Agency, Research Triangle Park, NC. (Docket Reference No.II-B-10), Irwin, J.S., 1980.

3.6.7 Background Air Quality

The hourly background NO_2, SO_2, RSP and FSP concentrations in Year 2024 (for Scenario 1) and Year 2025 (for Scenario 2 and Scenario 3) predicted by the PATH v2.1 have been used to establish the background contributions for the cumulative AQIA. The predicted PATH background concentrations specific to the PATH grids within which the ASRs are located have been adopted. The predicted PATH background concentrations adopted are conservative estimates with double counting of vehicular emissions.

As per *Guidelines on Choices of Models and Model Parameters* published by EPD, the RSP and FSP concentrations from PATH v2.1 were adjusted as below:

- 10^{th} highest daily RSP concentration: add 11.0μg/m^3;
- Annual RSP concentration: add 10.3μg/m^3;
- 19^{th} highest daily FSP concentration: Nil; and
- Annual FSP concentration: add 3.5μg/m^3.

3.6.8 Post-processing of Modelling Results

The ozone Limiting Method (OLM) was adopted for the conversion of NO_x to NO_2. For stack emissions, the hourly concentrations of NO_x were predicted at the relevant assessment heights of the identified ASRs. The initial NO_2/NO_x ratio for stack emissions was assumed to be 0.1[7], with NO and NO_2 comprising 90% and 10% of NO_x, respectively. For vehicular emissions, NO and NO_2 emission factors for each vehicle type are provided in EMFAC-HK and thus the hourly concentrations of NO and NO_2 have been separately predicted at the relevant assessment heights of the identified ASRs.

The predicted NO concentrations from all modelled sources were converted to NO_2 based on OLM and were added with the predicted NO_2 concentrations from all modelled sources to determine the total predicted NO_2 concentrations at the ASRs. The total predicted NO_2 concentrations were calculated as follows:

$$[NO_2]_{pred\ total} = [NO_2]_{pred} + MIN\ \{[NO]_{pred},\ or\ (46/48)x[O_3]_{bkgd}\}$$

Where	
$[NO_2]$ pred total	= the total predicted NO_2 concentration
$[NO_2]$ pred	= sum of the predicted NO_2 concentration due to direct emissions from all sources
[NO] pred	= sum of the predicted NO concentration from all sources
MIN	= the minimum of the two values within the brackets
[O3]bkgd	= the representative O_3 background concentration; (46/48) is the molecular weight of NO_2 divided by the molecular weight of O_3

The predicted O_3 concentrations in Year 2024 (for Scenario 1) and Year 2025 (for Scenarios 2 and 3) in the relevant PATH grids obtained from the PATH v2.1 model were used for the conversion of NO_x to NO_2 in OLM.

The hourly SO_2 concentrations at the identified ASRs were converted into 10-minute SO_2 concentrations for comparison with the respective AQO criterion. According to the EPD's *Guidelines on the Estimation of 10-minute Average SO_2 Concentration for Air Quality Assessment in Hong Kong*, it is recommended that the stability-dependent multiplicative factors from Duffee *et al.*, 1991[8] be

(7) Air Quality Studies for Heathrow: Base Case, Segregated Mode, Mixed Mode and Third Runway Scenarios modelled using ADMS-Airport, 2007.

(8) Richard A. Duffee, Martha A. O'Brien and Ned Ostojic (1991) Odor Modeling - Why and How. Page 295, *Recent Developments and Current Practices in Odor Regulations, Controls and Technology*. Air & Waste Management Association, 1991.

used. The conversion factors adopted in this assessment for the different stability classes are shown in **Table 3.11**.

Table 3.11 Conversion Factors from 1-hour to 10-minute Mean SO_2 Concentrations

Pasquill Stability Class	Conversion Factor (1-hour to 10-minute)
A	2.45
B	2.45
C	1.82
D	1.43
E	1.35
F	1.35

Note:
(a) Reference to the EPD's "*Guidelines on the Estimation of 10-minute Average SO_2 Concentration for Air Quality Assessment in Hong Kong*".

3.6.9 Cumulative Pollutant Concentrations at ASRs

For cumulative assessment, the predicted RSP, FSP, NO_2 and SO_2 results from Tier 1 and Tier 2 contributions at the relevant assessment heights of each ASR were added up with the PATH-v2.1 background concentrations (Tier 3 contribution) on an hour-by-hour basis. The relevant time-period averages for each air pollutant assessed were calculated. Relevant time-period averages of the 8,760 hourly results for RSP, FSP, NO_2 and SO_2 at the ASRs were calculated for comparison with the respective assessment criteria to evaluate compliance with the AQOs.

3.7 Air Quality Mitigation Measures

Relevant dust control measures stipulated in the *Air Pollution Control (Construction Dust) Regulation* will continue to be implemented within TMFB. Requirements stipulated in the *Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation* will also be followed to control potential emissions from non-road mobile machinery within TMFB.

Air quality control measures as recommended in the 2021 ERR and in the latest EP (i.e. EP-210/2005/E) to reduce potential air quality impact on the surrounding areas (in particular EcoPark) will continue to be implemented. In particular, dust control mitigation measures at the locations indicated in Figure 2 of the latest EP will continue to be implemented. These include:

- Major haul roads and material stockpiling areas will be watered at least once every hour during operation to ensure that the roads and stockpiling areas are kept sufficiently dampened;
- Temporary slope surfaces of the stockpiling areas shall be covered with tarpaulin sheets or other impermeable sheets, or sprayed with water or a dust suppression chemical;
- Internal haul roads R3, R4, R5 and R11 shall be kept wet at all operational hours;
- Site hoarding of at least 2.4m high shall be provided along the boundaries of the site except at the site entrance/exit;
- Vehicle wheel washing facilities including high-pressure water jets shall be provided at designated vehicle exit points and operated by designated staff. Before leaving the site, every vehicle shall be washed to remove any dusty materials from its body and wheels;
- Trucks carrying dusty loads entering the site shall be sprayed with water once the impervious sheeting covering the load is removed;
- All public fill delivery trucks carrying dusty loads leaving the fill bank shall be required to be covered entirely by clean impervious sheeting to prevent the dusty materials from leaking from the vehicles;

- All haul roads within the site shall be paved with concrete, bituminous materials, hardcores or metal plates;
- At the barging point, the drop height between the barge and dump trucks shall be minimised;
- Tipping halls provided for the transfer of public fill from trucks to barges shall be top and 3-sides enclosed;
- Truck speed within the site shall be controlled to within 10km/hour;
- All dusty fill materials shall be sprayed with water or a dust suppression chemical before loading, unloading or transfer to maintain the fill material wet, except in situations where the moisture content of the dusty material is a matter of concern;
- Loading of public fill delivered by barges to the site shall be sprayed with water at the material landing point to minimise dust emissions except when the materials are sufficiently dampened when landed. Any mist spraying applied should only dampen the dusty materials and overwatering should be avoided;
- Belt conveyor systems used for the transfer of dusty materials shall be enclosed on the top and 2 sides. Every transfer point between two conveyors shall be totally enclosed;
- The belt conveyor shall be equipped with bottom plates or other similar means to prevent the falling of materials from the return belt;
- The vertical distance between the belt conveyor and the material landing point shall be maintained at no more than 1m;
- Dusty materials loaded from a belt conveyor outlet to stockpiles, storage bins, trucks, barges and other open areas shall be sprayed with water or a dust suppression chemical;
- Final slope surfaces shall be treated by compaction, followed by hydroseeding, vegetation planting or other suitable surface stabilizer approved by CEDD to prevent the washing away of stockpiled material;
- Haul road R11 shall be no less than 75m away from the western site boundary of TMFB;
- A vertical barrier of 5m high shall be erected along the west side of haul roads R4 and R11;
- Sorted material from NSA shall be delivered to the barging point B3 via an enclosed conveyor belt system to avoid delivery by trucks;
- NSA and its associated enclosed conveyor belt system shall be connected to the CLP power supply to avoid emissions from diesel generators;
- Provision of on-shore power supply for marine vessels while at berth at TMFB; and
- Internal trucks within TMFB shall be at least of the Euro V emission standard and increase the use of internal trucks with at least Euro VI standard.

In addition to the abovementioned air quality mitigation measures, CEDD is committed to implementing additional air quality mitigation measures at TMFB to further improve the air quality performance of the Project. The following additional air quality improvement measures are proposed:

- Watering of additional stockpiling (due to increased stockpiling height) at least once every hour to minimise dust generation;
- Propose and implement further air quality mitigation measures as appropriate should there be noticeable increase of measured Total Suspended Particulates (TSP) levels that could be attributed to the increase of the stockpiling height;
- Reduce processing capacity of NSA operation and the associated marine transportation;
- Full implementation of on-shore power supply for marine vessels while at berth at TMFB by early 2025; and

- Increase the use of internal trucks with at least Euro VI standard to at least 57% of the internal truck fleet by early 2025.

The implementation schedule of air quality mitigation measures are provided in **Appendix L**.

3.8 Evaluation of Impacts

3.8.1 RSP and FSP Impacts

Cumulative RSP and FSP impacts on the identified ASRs in Year 2024, Year 2025 and Year 2028 have been assessed. The predicted cumulative 10th highest 24-hour RSP, annual RSP, 19th highest 24-hour FSP and annual FSP at the worst affected height of the identified ASRs in Year 2024, Year 2025 and Year 2028 are presented in **Table 3.12** and **Table 3.13**, respectively. Detailed results of all relevant assessment heights of each ASR in Year 2024, Year 2025 and Year 2028 are provided in **Appendix J**.

Table 3.12 Predicted Cumulative RSP Concentrations at the Worst Affected Height of the Identified ASRs in Year 2024, Year 2025 and Year 2028

ASRs	Predicted Cumulative Concentration (µg/m³)					
	10th Highest 24-hour RSP (a)			Annual RSP		
	Year 2024	Year 2025	Year 2028	Year 2024	Year 2025	Year 2028
A1	72.66	72.54	72.55	30.47	30.46	30.47
A2	72.18	71.72	71.72	31.40	31.38	31.39
A3	70.62	70.37	70.38	30.49	30.46	30.48
A4	74.83	74.38	74.40	33.16	33.14	33.15
A5	73.88	73.42	73.43	32.77	32.74	32.76
A6	77.56	77.31	77.33	34.96	34.94	34.96
A7	73.68	73.22	73.23	32.71	32.69	32.70
A8	74.00	73.53	73.54	32.18	32.16	32.17
A9	72.06	71.94	71.95	29.85	29.85	29.86
A10	71.98	71.58	71.59	31.15	31.14	31.14
A11	70.16	69.92	69.93	29.64	29.63	29.64
A12	75.02	74.69	74.70	34.58	34.57	34.58
A13 (b)	-	70.42	70.43	-	30.60	30.61
AQO Criteria	**100**	**100**	**100**	**50**	**50**	**50**

Notes:
(a) The AQO allows 9 exceedances over a year, therefore, the results presented are in the 10th highest.
(b) ASR A13 is a planned ASR which commences operation in Year 2025, thus it is not assessed in Year 2024.

Table 3.13 Predicted Cumulative FSP Concentrations at the Worst Affected Height of the Identified ASRs in Year 2024, Year 2025 and Year 2028

ASRs	Predicted Cumulative Concentration (µg/m³)					
	19th Highest 24-hour FSP (a)			Annual FSP		
	Year 2024	Year 2025	Year 2028	Year 2024	Year 2025	Year 2028
A1	40.11	39.89	39.90	17.15	17.16	17.17
A2	41.28	41.28	41.29	17.20	17.21	17.22
A3	39.46	39.17	39.19	16.91	16.91	16.92
A4	42.71	42.73	42.74	17.95	17.96	17.97
A5	41.64	41.64	41.66	17.44	17.44	17.46
A6	43.91	43.83	43.84	19.08	19.09	19.10
A7	42.23	42.24	42.26	17.94	17.94	17.95

ASRs	Predicted Cumulative Concentration (μg/m³)					
	19th Highest 24-hour FSP (a)			Annual FSP		
	Year 2024	Year 2025	Year 2028	Year 2024	Year 2025	Year 2028
A8	41.48	41.46	41.47	17.22	17.22	17.23
A9	39.84	39.62	39.63	16.86	16.87	16.88
A10	41.20	41.20	41.21	17.13	17.14	17.15
A11	39.15	38.88	38.88	16.57	16.57	16.58
A12	42.45	42.34	42.35	18.53	18.54	18.55
A13 (b)	-	39.00	39.01	-	17.03	17.05
AQO Criteria	**50**	**50**	**50**	**25**	**25**	**25**

Notes:
(a) The AQO allows 18 exceedances over a year, therefore, the results presented are the 19th highest.
(b) ASR A13 is a planned ASR which commences operation in Year 2025, thus it is not assessed in Year 2024.

As presented in **Table 3.12**, **Table 3.13** and **Appendix J**, the predicted cumulative RSP and FSP impacts at all relevant assessment heights of all identified representative ASRs in Year 2024, Year 2025 and Year 2028 comply with the respective AQO criteria. Therefore, it can be concluded that adverse RSP and FSP impact associated with the extended operation of TMFB is not anticipated.

3.8.2 NO_2 Impacts

1-hour NO_2

Cumulative 1-hour NO_2 impacts on the identified ASRs in Year 2024, Year 2025 and Year 2028 have been assessed. The predicted cumulative 19th highest 1-hour NO_2 at the worst affected height of the identified ASRs in Year 2024, Year 2025 and Year 2028 are presented in **Table 3.14**. Detailed results of all relevant assessment heights of each ASR in Year 2024, Year 2025 and Year 2028 are provided in **Appendix J**.

Table 3.14 Predicted Cumulative 1-hour NO_2 Concentrations at the Worst Affected Height of the Identified Representative ASRs in Year 2024, Year 2025 and Year 2028

ASRs	Predicted Cumulative Concentration (μg/m³)		
	19th Highest 1-hour Average NO_2 (a)		
	Year 2024	Year 2025	Year 2028
A1	135.05	134.90	134.78
A2	134.95	133.99	133.80
A3	126.03	124.22	123.98
A4	137.14	138.83	138.81
A5	137.43	137.73	137.39
A6	137.27	137.16	137.29
A7	136.70	136.98	136.86
A8	138.40	137.47	137.71
A9	134.75	135.41	134.36
A10	132.53	133.42	133.44
A11	137.56	136.29	134.62
A12	136.22	136.79	136.47
A13 (b)	-	121.12	120.24
AQO Criterion	**200**	**200**	**200**

Notes:
(a) The AQO allows 18 exceedances over a year, therefore, the results presented are in the 19th highest.
(b) ASR A13 is a planned ASR which commences operation in Year 2025, thus it is not assessed in Year 2024.

As presented in **Table 3.14** and **Appendix J**, the predicted cumulative 1-hour NO_2 impact at all relevant assessment heights of all identified representative ASRs in Year 2024, Year 2025 and Year 2028 comply with the respective AQO criteria. Therefore, it can be concluded that adverse 1-hour NO_2 impact associated with the extended operation of TMFB is not anticipated.

Annual NO_2

Comparison of Operation Conditions between Year 2024 and Year 2023 as stated in 2021 ERR

It is expected that the NO_2 emissions from TMFB operations during the proposed extension period are no worse than that in Year 2023 as stated in 2021 ERR. The analysis of the differences is discussed below:

Tier 1 Emission

- As shown in **Table 2.1**, the processing rate of C&DMSF (NSA) would be reduced from 572 tonnes/hour in 2021 ERR to 250 tonnes/hour during the proposed extension period, and thus the internal truck flows associated with the C&DMSF (NSA) operation would also be reduced accordingly. This reduced processing rate of C&DMSF (NSA) and its associated internal truck flows are expected to remain throughout the proposed extension period;
- The overall internal truck flows would be reduced for the TMFB operations during the proposed extension period, due to the omission of some haul roads (i.e. R12 and R20) assumed in 2021 ERR. A comparison of the internal truck flows and VKT between 2021 ERR and the proposed extension period is provided in **Appendix D4**. It can be seen that the overall total VKT per day along internal roads is reduced during the proposed extension period compared with that at present (Year 2023), and thus vehicular emission from internal trucks is expected to be reduced as well during the proposed extension period;
- 1 barging point and its associated marine route for transport of bridge segment for the proposed Development of Kwu Tung North and Fanling North (i.e. barging point B and marine emission source points C1-C39 in 2021 ERR) would no longer be used during the proposed extension period. Thus, marine emission in Year 2024 is expected to be lower than that in 2021 ERR;
- The additional air quality mitigation measures proposed in the 2021 ERR and the annual Air Quality Management Plan in 2022 (AQMP 2022) have been gradually implemented, thus further reducing air emission (including NO_2 emission) from TMFB operation. These measures include:
  - Provision of on-shore power supply for marine vessels while at berth at TMFB. It is expected to be fully implemented by early 2025; and
  - Increase the use of internal trucks with at least Euro VI standard. At present, some of the internal trucks with Euro VI standard have been in use, and it is expected the percentage will increase to at least 57% by early 2025.

Tier 2 Emission

- Other emission sources within the 500m Study Area will remain unchanged by Year 2024 as assumed in 2021 ERR, with the exception of 1 additional emission point within the EcoPark (i.e. HKBRC) to be included in Year 2024 as advised by IPG of EPD. Only particulates (i.e. RSP and FSP) and no NO_x and SO_2 emissions would be emitted from HKBRC according to the information provided by IPG of EPD. As no NO_x emission is expected from HKBRC, it can be concluded that there would be no difference between Year 2024 and 2021 ERR in terms of NO_x emission (and thus NO_2 impact) arising from other adjacent emission sources in Year 2024.

In addition to the above analysis, a comparative assessment has been carried out to quantitatively demonstrate that the annual NO_2 impact at the identified representative ASRs within the 500m Study Area of the TMFB operation in Year 2024 is not worse than that in Year 2023. The contributions from Tier 1 (emissions from TMFB only) and Tier 2 (emissions within the 500m Study Area) emission sources have been considered and compared between Year 2024 and Year 2023. The emission

sources for TMFB operation in Year 2023 as in the 2021 ERR have been referenced for the Year 2023 case in this comparative assessment. Emission inventories for the Year 2023 case are provided in **Appendix I**.

For each assessment height of the ASRs, the predicted annual NO_2 concentrations for Year 2024 and Year 2023 were compared. If the compared results show no incremental air quality impacts in Year 2024 (i.e. Year 2024 – Year 2023) at all relevant assessment heights of all identified ASRs, it can be concluded that annual NO_2 impact during the extended operation of TMFB in Year 2024 is no worse than that in Year 2023.

Annual NO_2 impacts from Tier 1 and Tier 2 emissions on the identified ASRs in Year 2023 and Year 2024 have been assessed and the differences in the predicted annual NO_2 concentrations at all relevant assessment heights of the identified ASRs between Year 2023 and Year 2024 are presented in **Table 3.15**. Detailed results are provided in **Appendix K**.

Table 3.15 Differences of Annual Average NO_2 at Identified ASRs (Year 2024 – Year 2023)

ASRs	Differences in Predicted Concentration (Year 2024 - Year 2023) (μg/m³)			
	1.5mAG	4.5mAG	7.5mAG	10mAG
A1	-0.65	-0.64	-0.63	-
A2	-0.67	-0.66	-0.64	-
A3	-1.22	-1.19	-1.12	-1.05
A4	-1.15	-1.13	-1.11	-1.09
A5	-1.31	-1.29	-	-
A6	-0.94	-0.93	-	-
A7	-1.01	-1.00	-0.98	-0.95
A8	-1.11	-1.10	-1.08	-1.07
A9	-1.09	-1.01	-0.90	-0.80
A10	-0.55	-0.54	-0.53	-0.52
A11	-2.99	-2.52	-2.08	-1.78
A12	-0.56	-0.56	-0.55	-
A13 (b)	-0.63	-0.62	-0.61	-0.59

Notes:
(a) Negative values represent a reduction of predicted pollutant concentrations in Year 2024.
(b) Planned ASR A13 is included in Year 2024 and Year 2023 for comparison of the differences between the modelled years.

It can be seen from the assessment results that the predicted annual NO_2 concentrations at all relevant assessment heights for all identified ASRs in Year 2024 would be lower than those in Year 2023. As the predicted NO_2 impact at all identified ASRs is expected to improve during the extended operation of TMFB, it can be concluded that annual NO_2 impact arising from the TMFB operation and other adjacent emission sources in Year 2024 is not expected to be worse than those in Year 2023.

Comparison of Operation Conditions between Year 2024 and Year 2025

As discussed in **Section 2.2.2**, a proposed paper pulping plant will tentatively commence operation in EcoPark in Year 2025 during the proposed extension period. When considering the scenario without the paper pulping plant operation in Year 2024 (i.e. Scenario 1) and with the paper pulping plant operation in Year 2025 (i.e. Scenario 2) during the proposed extension period, the contributions from the proposed paper pulping plant and TMFB in Year 2025 have the potential to lead to increased air quality impact at ASRs, especially in annual NO_2.

In this regard, a comparative assessment has been carried out to compare the annual NO_2 impact without the paper pulping plant in operation in Year 2024; and that with the paper pulping plant in operation in Year 2025 during the proposed extension period of TMFB. The purpose of the

comparative assessment is to demonstrate annual NO_2 impact at the identified representative ASRs within the 500m Study Area of TMFB in Year 2025 is not worse than that in Year 2024.

In order to compare the annual NO_2 impact on the ASRs, contributions from Tier 1 (emissions from TMFB only) and Tier 2 (emissions within the 500m Study Area, including the paper pulping plant) emission sources have been considered between Scenario 1 (Year 2024) and Scenario 2 (Year 2025). For each assessment height of the ASRs, the predicted annual NO_2 concentrations for Year 2024 and Year 2025 were compared. If the compared results show no incremental air quality impacts in Year 2025 (i.e. Year 2025 – Year 2024) at all relevant assessment heights of all identified ASRs, it can be concluded that additional annual NO_2 impact during the extended operation of TMFB is not anticipated, assuming the NOx emissions for Year 2028 from TMFB and adjacent emission sources within the 500m Study Area are the same or less than those for Year 2025 (9).

Annual NO_2 impacts from Tier 1 and Tier 2 emissions on the identified ASRs in Year 2024 and Year 2025 have been assessed and the differences in the predicted annual NO_2 concentrations at all relevant assessment heights of the identified ASRs between Year 2024 and Year 2025 are presented in **Table 3.16**. Detailed results are provided in **Appendix K**.

Table 3.16 Differences of Annual Average NO_2 at Identified ASRs (Year 2025 – Year 2024)

ASRs	Differences in Predicted Concentration (Year 2025 - Year 2024) (μg/m^3)			
	1.5mAG	4.5mAG	7.5mAG	10mAG
A1	-0.37	-0.36	-0.33	-
A2	-0.19	-0.19	-0.19	-
A3	-0.53	-0.51	-0.48	-0.45
A4	-0.36	-0.36	-0.36	-0.35
A5	-0.37	-0.37	-	-
A6	-0.36	-0.36	-	-
A7	-0.29	-0.29	-0.29	-0.28
A8	-0.32	-0.33	-0.33	-0.33
A9	-0.37	-0.36	-0.33	-0.31
A10	-0.15	-0.15	-0.15	-0.15
A11	-0.30	-0.26	-0.22	-0.19
A12	-0.30	-0.30	-0.30	-
A13 (b)	-0.55	-0.54	-0.52	-0.50

Notes:
(c) Negative values represent a reduction of predicted pollutant concentrations in Year 2025.
(d) Planned ASR A13 is included in Scenario 1 (Year 2024) for comparison of the differences between the modelled years.

It can be seen from the assessment results that the predicted annual NO_2 concentrations at all relevant assessment heights for all identified ASRs in Year 2025 would be lower than those in Year 2024. As the predicted NO_2 impact at all identified ASRs is expected to improve during the extended operation of TMFB, it can be concluded that adverse annual NO_2 impact due to the extended TMFB operation is not anticipated, assuming the NOx emissions for Year 2028 from TMFB and adjacent emission sources within the 500m Study Area are the same or less than those for Year 2025.

(9) For Year 2028, NOx emissions from TMFB and adjacent emission sources within the 500m Study Area are expected to be the same as those for Year 2025, as confirmed by IPG of EPD at the time of preparation of this ERR, with the exception that vehicular NOx emissions in Year 2028 will be lower than that in Year 2025 (see **Table 3.6**). NO_2 impact arising from Tier 1 and Tier 2 emissions in Year 2028 are thus expected to be lower than that in Year 2025 and thus quantitative comparative assessment between Year 2025 and Year 2028 is not necessary.

3.8.3 SO_2 Impacts

The predicted cumulative 10-min SO_2 and 24-hour SO_2 impact on the identified ASRs in Year 2024, Year 2025 and Year 2028 have been assessed. The predicted cumulative 4th highest 10-min SO_2 and 4th highest 24-hour SO_2 at the worst affected height of the identified ASRs in Year 2024, Year 2025 and Year 2028 are presented in **Table 3.17**. Detailed results of all relevant assessment heights of each ASR in Year 2024, Year 2025 and Year 2028 are provided in **Appendix J**.

Table 3.17 Predicted Cumulative SO_2 Concentrations at the Worst Affected Height of the Identified Representative ASRs in Year 2024, Year 2025 and Year 2028

ASRs	Predicted Cumulative Concentration (µg/m³)					
	4th Highest 10-min Average SO_2 (a)			4th Highest 24-hour Average SO_2 (a)		
	Year 2024	Year 2025	Year 2028	Year 2024	Year 2025	Year 2028
A1	109.27	116.98	116.98	16.33	17.26	17.26
A2	128.25	137.65	137.65	16.38	16.90	16.90
A3	75.63	87.72	87.72	14.55	15.36	15.36
A4	128.22	137.62	137.62	16.38	16.84	16.84
A5	128.22	137.62	137.62	16.38	16.86	16.86
A6	128.22	137.62	137.62	16.39	16.83	16.83
A7	128.21	137.62	137.62	16.38	16.88	16.88
A8	128.23	137.63	137.63	16.39	16.93	16.93
A9	109.27	116.96	116.96	16.31	17.17	17.17
A10	128.25	137.65	137.65	16.37	16.85	16.85
A11	75.28	88.87	88.87	14.52	15.28	15.28
A12	128.22	137.63	137.63	16.39	16.84	16.84
A13 (b)	-	88.02	88.02	-	15.33	15.33
AQO Criteria	**500**	**500**	**500**	**50**	**50**	**50**

Notes:
(a) The AQO allows 3 exceedances over a year, therefore, the results presented are the 4th highest.
(b) ASR A13 is a planned ASR which commences operation in Year 2025, thus it is not assessed in Year 2024.

As presented in **Table 3.17** and **Appendix J**, the predicted cumulative SO_2 impacts at all relevant assessment heights of all identified representative ASRs in Year 2024, Year 2025 and Year 2028 comply with the respective AQO criteria. Therefore, it can be concluded that adverse SO_2 impact associated with the extended operation of TMFB is not anticipated.

3.9 EM&A Requirements

Cumulative assessment for RSP and FSP has been conducted and adverse impacts from RSP and FSP due to the extended TMFB operation are not anticipated. Although TSP concentration limit (i.e. 500µg/m³) is no longer specified in Annex 4 of the updated EIAO-TM implemented on 30 June 2023, the monitoring locations, monitoring frequency and equipment used for the existing 1-hour and 24-hour TSP monitoring as required under the EM&A programme are proposed to remain unchanged for the extended operation of TMFB. 1-hour TSP levels and 24-hour TSP levels will continue to be monitored three (3) times every six (6) days and once (1) every six (6) days, respectively, using high-volume samplers (HVS). The location of the TSP monitoring stations (i.e. TM-A1 and TM-RA2) are shown in **Figure 3.1**.

The ET, Contractor and CEDD will closely monitor the measured TSP levels, in particular during the period when the stockpiling height within the fill bank is increasing beyond +40mPD. Should there be a noticeable increase of TSP levels that could be attributed to the increase of the stockpiling height, CEDD will, in addition to the Event and Action Plan (EAP) for air quality as part of the ongoing EM&A

programme, propose and implement appropriate mitigation measures to rectify the situation accordingly.

4. OTHER ENVIRONMENTAL OUTCOMES

4.1 Noise

There are no existing or planned noise sensitive receivers (NSRs) in the vicinity of TMFB. The nearest NSRs, namely the Yee Tsui House near Butterfly Beach and the village houses in Lung Tsai near Sha Po Kong, are located at approximately 2.5km and 2.0km from the boundary of the TMFB respectively. Given the large separation distance between TMFB and the NSRs, noise impact due to the operation of TMFB will not be a concern.

4.2 Water Quality

To prevent water pollution due to the transportation of fill materials by marine vessels, all environmental control and mitigation measures recommended in the Project Profile (PP) (i.e. PP-236/2005) for TMFB operation will be followed during the extended operation period of the TMFB. These mitigation measures include:

- All barges used are of an appropriate size such that adequate clearance is maintained between the vessels and the sea bed at all states of tide to ensure no undue turbidity will be generated by turbulence from vessel movement or propeller wash;
- All vessels used for the transportation of fill materials will have tight-fitting seals to their bottom openings to prevent leakage of materials during transport;
- The design of transfer methods from barges to fill bank or vice versa will be in a way such that the pathway of material delivery from barge / fill bank to the waterfront will not be directly on top of the marine water to effectively prevent the dropping of materials to the sea;
- Barges will not be filled to a level which may cause overflow of material during loading or transportation; and
- Effluents from the barge (e.g. muddy water) will be properly collected and treated before disposal. The work activities will not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging point.

Consistent with the existing practice at TMFB, haul roads and material stockpiling areas associated with the extended TMFB operation will be watered at least once (1) every hour to minimize potential dust generation. The wastewater generated will be collected by existing surface channels for treatment within sand/de-silting traps before discharge. The existing drainage system within TMFB was designed with reference to guidelines in EPD's *ProPECC Note PN5/93.*

The guidelines for construction site discharges in EPD's *ProPECC Note PN1/94 Construction Site Drainage* will be followed, including:

- All surface runoff from TMFB is discharged into storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins;
- Channels or earth bunds or sandbag barriers are provided within TMFB to properly direct stormwater to the silt removal facilities;
- Silt removal facilities, channels and manholes are maintained and the deposited silt and grit are removed regularly;
- Stockpiles and exposed slope surfaces should be covered by tarpaulin to prevent soil erosion; and
- A wheel washing bay is provided at the designated vehicle exit points of the TMFB.

Wastewater discharged from the TMFB shall comply with the discharge standards stipulated in the TMFB discharge licence and the *Technical Memorandum on Standards for Effluents Discharged Into*

Drainage And Sewerage Systems, Inland And Coaster Waters (TM-DSS) issued under the Water Pollution Control Ordinance (WPCO) (CAP.358).

In addition, a buffer distance of 50m from the seafront for stockpiling and drainage channels will be maintained (as stated in Condition 3.11 of EP-201/2005/E). Cautionary design, equipment and operational measures will be adopted in the berthing area to minimise the risk of water pollution.

There are no water sensitive receivers (WSRs) within the 500m Study Area from TMFB. The nearest WSR from TMFB is two seawater intake points at CPPS located at about 1.4km and 1.5km away as indicated in the PP (PP-236/2005).

With the implementation of suitable precautionary and mitigation measures, it is anticipated that no adverse water quality impacts will arise during the extended operation of TMFB.

The recent publicly available 12 months (i.e. August 2022 to July 2023) of water quality monitoring data for the current operation of the TMFB show that the water quality at all monitoring locations complies with the relevant criteria and no exceedance of action or limit levels was reported. The mitigation measures are proven to be effective and will be implemented during the extended operation period of the TMFB. The existing water quality monitoring programme will remain unchanged and continue to ensure no exceedance of water quality parameters (i.e. Dissolved Oxygen (DO), Suspended Solid (SS) and turbidity) during the extended operation period of the TMFB. The monitoring parameters, frequency and equipment will be the same as the existing monitoring programme.

4.3 Waste Management Implication

During the extended operation of TMFB, the major waste types to be generated include:

- General refuse; and
- Chemical waste.

General refuse generated in TMFB mainly consists of wastepaper, plastic bottles, aluminium cans, food waste and its packaging, which is a major composition of waste in TMFB and requires off-site disposal. According to the *Monitoring of Solid Waste in Hong Kong – Waste Statistics for 2021* published by EPD in 2022, the per capita disposal rate of commercial & industrial waste in Year 2021 was 0.59kg per person per day. Based on the aforementioned waste generation rate and the number of staff in TMFB (approximately 70 staff), about 41.3kg of waste is estimated to be generated in TMFB per day. It is noted that the existing practice of handling general refuse will remain unchanged during the extended operation of TMFB. These practices include segregating recyclable materials such as wastepaper, plastic bottles, and aluminium cans for delivery to local recyclers, while the remaining general refuse will be collected by waste collectors on a daily or bi-daily basis and disposed of at landfills.

Chemical waste such as fluorescent tubes, cleaning fluid (i.e. detergent), solvents, waste lubricating oil, and waste fuel etc. may be generated during maintenance activities for the utilities in TMFB. Chemical waste should be handled and disposed according to the measures stipulated in the *Waste Disposal (Chemical Waste) (General) Regulation* and the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*. The quantity of chemical waste arising from the extended operation of TMFB is expected to be small (a few litres per month). It is noted that the existing practice of handling chemical waste will remain unchanged during the extended operation of TMFB. The chemical waste will continue to be properly stored on-site, collected by licensed chemical waste collectors once per month, and disposed at the licensed chemical waste treatment facilities (i.e. Chemical Waste Treatment Centre (CWTC) in Tsing Yi).

As discussed in **Section 2.1**, the proposed operation change will include extending the operation period and increasing the storage capacity of TMFB. The operation mode of TMFB will remain largely unchanged. It is anticipated that the quantity of waste generated during the proposed extension period will remain the same as in the existing operation. With the implementation of suitable

precautionary and mitigation measures for general refuse and chemical waste, adverse impact relating to waste management during the extended operation of TMFB is not anticipated.

Construction and demolition (C&D) materials are not expected to be generated from TMFB as it serves as a storage area for inert C&D materials (e.g. rock, rubble, boulder, earth, soil, sand, concrete, asphalt, brick, tile, masonry or used bentonite) received from the construction, excavation, renovation, demolition and road works in Hong Kong. C&D materials received in TMFB during the extended operation of TMFB are generated from the aforementioned works projects in Hong Kong and they are not considered as waste arising from TMFB.

4.4 Other Environmental Aspects

The maximum stockpiling height is proposed to increase from +40mPD as specified in Condition 3.2 of the current EP (i.e. EP-210/2005/E) to +65.2mPD. The nearest high-rise residential sensitive receivers (e.g. Melody Garden and Butterfly Estate) are at least 2.5km away from the boundary of the TMFB. Given the large separation distance between TMFB and these sensitive receivers, visual impact is not considered a concern. Adverse visual impacts are not anticipated due to the extended operation of the TMFB.

5. PROPOSED VARIATION OF THE EXISTING ENVIRONMENTAL PERMIT

5.1 Amendment of Condition 3.2

The maximum stockpiling height is proposed to increase from +40mPD to +65.2mPD. Hence, it is proposed to vary Condition 3.2 of the current EP (i.e. EP-210/2005/E) as follows:

"The maximum stockpiling height at the fill bank shall be limited to a maximum of ~~+40mPD~~ ***+65.2mPD****. ~~From 1 January 2014, a~~**A** minimum of 3.2 hectares of stockpile area shall be covered with no less than 50mm thick gravel at the designated location (as indicated in Figure 2)."*

5.2 Amendment of Condition 3.21

The operation period of TMFB is proposed to be extended from 31 December 2023 to 31 December 2028. Hence, it is proposed to vary Condition 3.21 of the current EP (i.e. EP-210/2005/E) as follows:

"The Project shall ~~be fully decommissioned~~ ***fully implement the mitigation measures as recommended in the VEP application document, and report the status of Project operation, implementation of these mitigation measures, and the stockpiling status in the monthly EM&A Report submitted under Condition 4.6 of this environmental permit.*** *~~by 31 December 2023, unless otherwise approved by the Director upon submission of a detailed proposal demonstrating no worsening of environmental impacts due to the Project on the sensitive receivers nearby.~~"*

5.3 Amendment of Condition 3.22

The layout plans for the details and exact location of the stockpiling and haul road sections, as described in Conditions 3.2, 3.4(a) and 3.4(b), have been deposited to EPD within the timeframes listed in Condition 3.22 under the current EP (i.e. EP-210/2005/E). The latest layout plans of TMFB are presented in **Figure 2.1** and **Figure 2.2** of this ERR. The mitigation measures in Conditions 3.2, 3.4(a) and 3.4(b) will also continue to be carried out and followed through the proposed extended period of TMFB as part of the ongoing EM&A programme. Hence, it is proposed to remove Condition 3.22 of the current EP (i.e. EP-210/2005/E).

~~"The Permit Holder shall deposit with the Director 3 copies of layout plans at a scale 1 to 1000 or other scale as agreed by Director, certified by the ET Leader and verified by the IEC, the details and exact location of the stockpiling and haul road sections as described in the following conditions of this Permit:~~

~~a) Conditions 3.2 and 3.4(a) - at least one month before 1 January 2014; and~~

~~b) Condition 3.4(b) - at least one month before 1 January 2019."~~

5.4 Amendment of Condition 3.29

This ERR has demonstrated that there would be no adverse environmental impact arising from the proposed extended period of TMFB (i.e. from 1 January 2024 to 31 December 2028) assuming no change to the emission sources associated with TMFB operation from Year 2025 to Year 2028. In case of any changes to other emission sources in the vicinity of TMFB (e.g. EcoPark) (except less vehicular emissions in later years), the project proponent of these other emission sources will conduct a separate air quality assessment. In addition, air quality control measures as recommended in the 2021 ERR and in the latest EP (i.e. EP-210/2005/E) to reduce potential air quality impact on the surrounding (in particular EcoPark); and implementation schedule of air quality mitigation measures (see **Appendix L**) will be carried out and followed throughout the proposed extended period of TMFB as part of the ongoing EM&A programme.

The implementation parties and requirements under EP condition 4.1 will continue to be complied with and the EM&A programme will be implemented as set out in the Project Profile (PP) (i.e. PP-236/2005) and the application documents for VEP. Any changes to the programme shall be justified

by the ET leader and verified by the IEC as conforming to the information and requirements contained in the aforementioned documents.

Since the TMFB will continue to operate in the coming years, the annual AQMP as required in Condition 3.29 under the current EP (i.e. EP-210/2005/E) is considered not necessary. Hence, it is proposed to remove Condition 3.29 of the current EP (i.e. EP-210/2005/E). Nevertheless, the air quality management and mitigation measures for the coming years' operation have been included in this VEP supporting document. In case further extension of TMFB operation years is needed, CEDD will seek approval from EPD.

~~*"Submission of Air Quality Management Plan*~~

~~*3.29 From date of issue of this Permit to the date of decommissioning of this project, an annual Air Quality Management plan (AQMP) shall be submitted to the Director for approval on or before 1 December every year. The AQMP shall explore any newly proposed arrangements to mitigate air quality impact arising from the Project in addition to those already implementing and describe all existing and newly proposed mitigation measures to be implemented for the project. The AQMP shall include an implementation schedule in table form to clearly list out the newly proposed mitigation measures to be implemented and existing mitigation measures implemented, and the implementation party, location, timing, progress and environmental performance. Any technical constraint that would hinder the implementation of the mitigation measures shall be evaluated and clearly recorded in the AQMP. All mitigation measures recommended and requirements specified in the AQMP and the implementation schedule shall be fully and properly implemented to the satisfaction of the Director."*~~

5.5 Amendment of Scale and Scope of Designated Project in Part B

The maximum stockpiling capacity is proposed to increase from 4.2 million m^3 to 6.3 million m^3 of public fill. Hence, it is proposed to vary Item 2 in "Scale and Scope of Designated Project" of Part B of the current EP (i.e. EP-210/2005/E) as follows:

"2. stockpiling of ~~*4.2*~~ ***6.3*** million m^3 of public fill;"

6. CONSIDERATION OF MATERIAL CHANGE

A review of the proposed operational changes against material change has been carried out. The findings of the review are summarised in **Table 6.1**.

Table 6.1 Review of the Proposed Operational Changes against Material Change

Item	Criteria	Findings	Material Change?
a	a change to physical alignment, layout or design of the project causing an adverse environmental impact likely to affect existing or planned community, ecologically important areas or sites of cultural heritage;	No change in separation distance from residential sensitive receivers (>2km). The TMFB site is also not ecological important area nor site of cultural heritage. Therefore, no adverse environmental impact is anticipated from the proposed operational changes.	No
b	a physical change resulting in an increase in the extent of reclamation or dredging affecting water flow or quality likely to adversely affect ecologically important areas, or disrupting sites of cultural heritage;	Reclamation or dredging is not required for the extended operation of TMFB.	No
c	an increase in pollution emissions or discharges or waste generation likely to violate guidelines or criteria in the EIAO-TM;	The extended operation of TMFB will increase the maximum stockpiling design capacity. However, the stockpiling capacity under actual operation is unlikely to be fully utilized throughout the proposed extension period. It acts as a precautionary measure to prepare for any potential transient increase in need for storage capacity due to temporary decrease in demand for public fill. Besides, with a reduction of processing capacity of NSA operation and the associated marine transportation, the change in pollution emissions associated with the extended operation of TMFB will unlikely cause adverse air quality impacts that violate guidelines or criteria in the EIAO-TM. The waste generation during the extended operation of TMFB will remain the same as in the existing operation of TMFB. Adverse impact relating to waste management that violate guideline or criteria in the EIAO-TM is not anticipated.	No
d	an increase in throughput or scale of the project leading to physical additions or alterations that are likely to violate the guidelines or criteria in the EIAO-TM;	The extended operation will increase the maximum stockpiling design capacity but will not lead to violation of the guidelines or criteria in the EIAO-TM.	No
e	a change resulting in physical works that are likely to adversely affect a rare, endangered or protected species, or an important ecological habitat, or a site of cultural heritage	The TMFB site is not a habitat nor site of cultural heritage. Therefore, no adverse environmental impact is anticipated from the proposed operational changes.	No

Based on the review above, the proposed operational changes would not constitute a material change.

7. CONCLUSION

An environmental review has been carried out to assess the potential environmental impacts associated with the extended operation of TMFB (i.e. from 1 January 2024 to 31 December 2028).

In terms of air quality, the cumulative impact assessment results of RSP, FSP, 1-hour NO_2 and SO_2 demonstrated that all identified ASRs would be well below the relevant AQO criteria; and no worsening of air quality impact in annual NO_2 due to TMFB and other emission sources within the 500m Study Area. Should there be subsequent changes to the emission sources associated with TMFB operation, the assessment results presented in the report may need to be updated. In case of any changes to other emission sources in the vicinity of TMFB (e.g. EcoPark), the project proponent of these other emission sources will conduct a separate air quality assessment.

Other potential environmental impacts, including noise, water quality, waste management, are considered minor and/or not of concern. The extended operation of TMFB has been reviewed in accordance with the updated EIAO-TM implemented on 30 June 2023 and there is no material change to the environmental impact of the project with the mitigation measures in place.

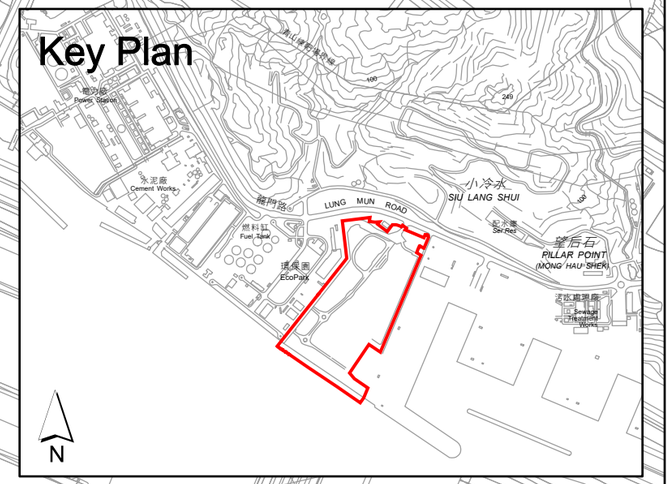
The existing environmental mitigation measures and EM&A programme are still applicable and will continue to be implemented throughout the extended period of TMFB.

Amendments to Condition 3.2, Condition 3.21, Condition 3.22, Condition 3.29 and Item 2 in “Scale and Scope of Designated Project” of Part B of the current EP (EP-210/2005/E) are proposed.

Legend

- Barging Points for Exporting Materials
- Barging Points for Importing Materials
- Site Crusher
- Tuen Mun Fill Bank
- Area for Construction and Demolition Material Sorting Facility (NSA)

Key Plan



B3
IB1
B2
IB2
B1

N
Metres
0 100 200

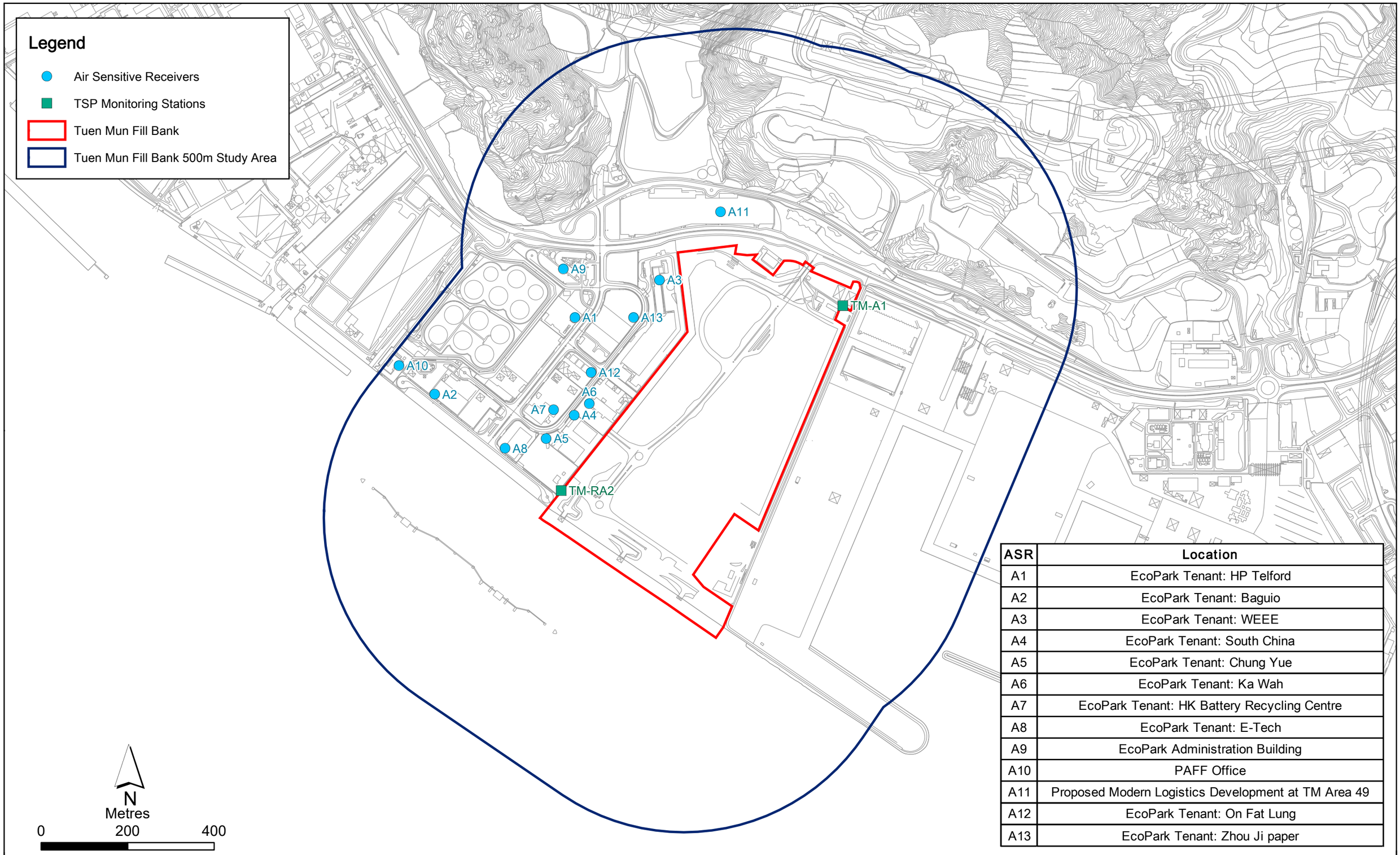
Figure 2.1

Locations of Key Facilities within Tuen Mun Fill Bank

File: T:\GIS\CONTRACT\0685896\mxd\0685896_Key_Facilities.mxd
Date: 1/6/2023

Environmental Resources Management

ERM



ASR	Location
A1	EcoPark Tenant: HP Telford
A2	EcoPark Tenant: Baguio
A3	EcoPark Tenant: WEEE
A4	EcoPark Tenant: South China
A5	EcoPark Tenant: Chung Yue
A6	EcoPark Tenant: Ka Wah
A7	EcoPark Tenant: HK Battery Recycling Centre
A8	EcoPark Tenant: E-Tech
A9	EcoPark Administration Building
A10	PAFF Office
A11	Proposed Modern Logistics Development at TM Area 49
A12	EcoPark Tenant: On Fat Lung
A13	EcoPark Tenant: Zhou Ji paper

Figure 3.1

Locations of Representative Air Sensitive Receivers and TSP Monitoring Stations

File: T:\GIS\CONTRACT\0685896\mxd\0685896_ASR_TSP.mxd
Date: 30/11/2023

Environmental Resources Management

ERM

Figure 3.2a

Locations of Major Emission Sources Associated with Tuen Mun Fill Bank Operation (Year 2024)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_Major_Emission_Sources_2024.mxd
Date: 27/7/2023

Environmental Resources Management

ERM

Legend

- ASR
- Construction & Demolition Material Sorting Facility (NSA)
- Fill Loading and Unloading Point
- Barging Points for Exporting Materials (Material Handling)
- Barging Points for Importing Materials (Material Handling)
- Existing C&DMSF and its Generator
- Site Crusher
- Marine Vessel Maneuvering Route
- Haul Roads
- 5m Vertical Barrier
- Enclosed Conveyor Belt System
- Stockpiling Area (A001)
- Open Area (A002)
- Tuen Mun Fill Bank
- Tuen Mun Fill Bank 500m Study Area

Figure 3.2b

Locations of Major Emission Sources Associated with Tuen Mun Fill Bank Operation (Year 2025-2028)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_Major_Emission_Sources_2025.mxd
Date: 27/7/2023

Environmental Resources Management

ERM

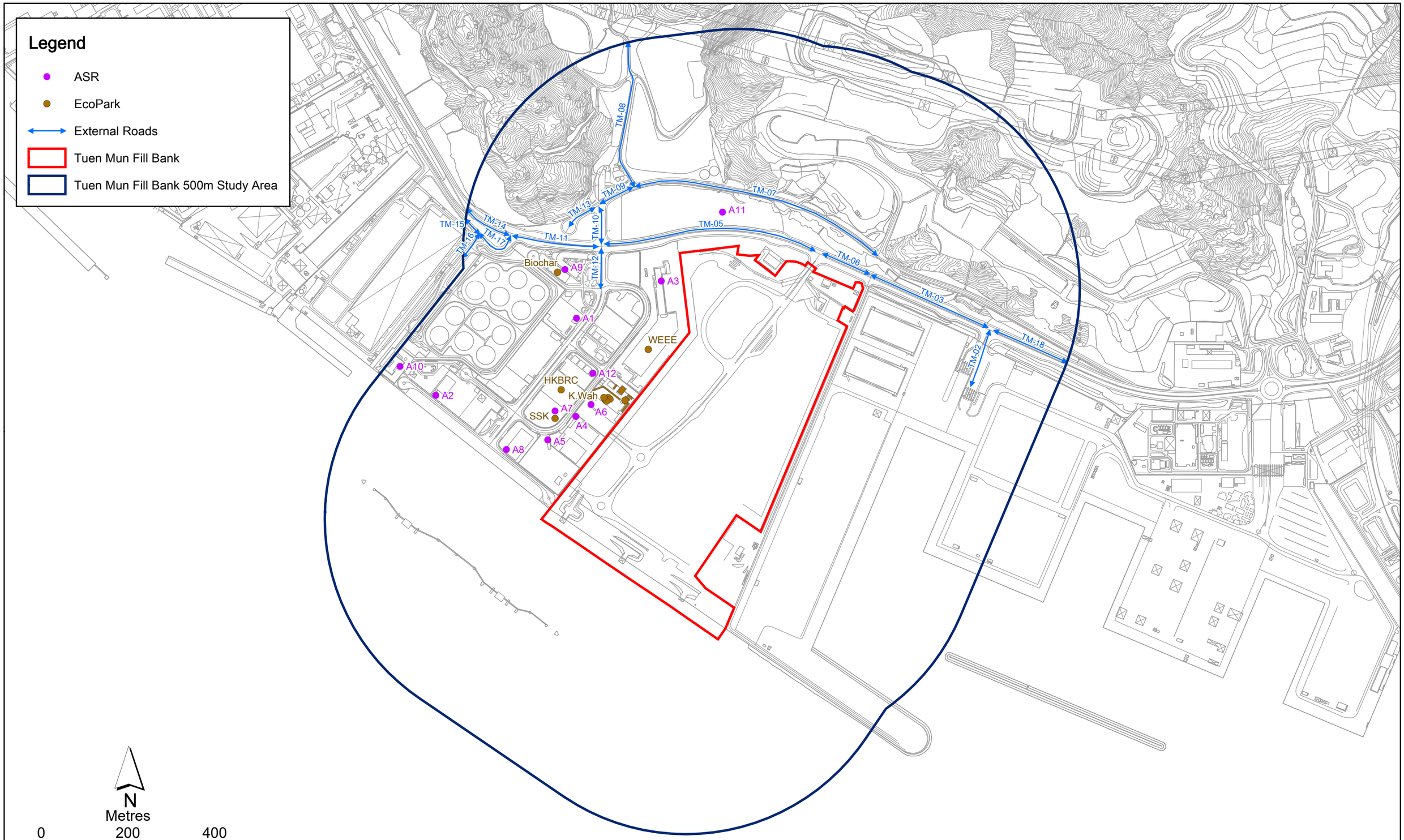


Figure 3.3a

External Roads and Industrial Sources in the 500m Study Area (Year 2024)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_External_Roads_and_Industrial_Sources_2024.mxd
Date: 27/7/2023

Environmental Resources Management

ERM

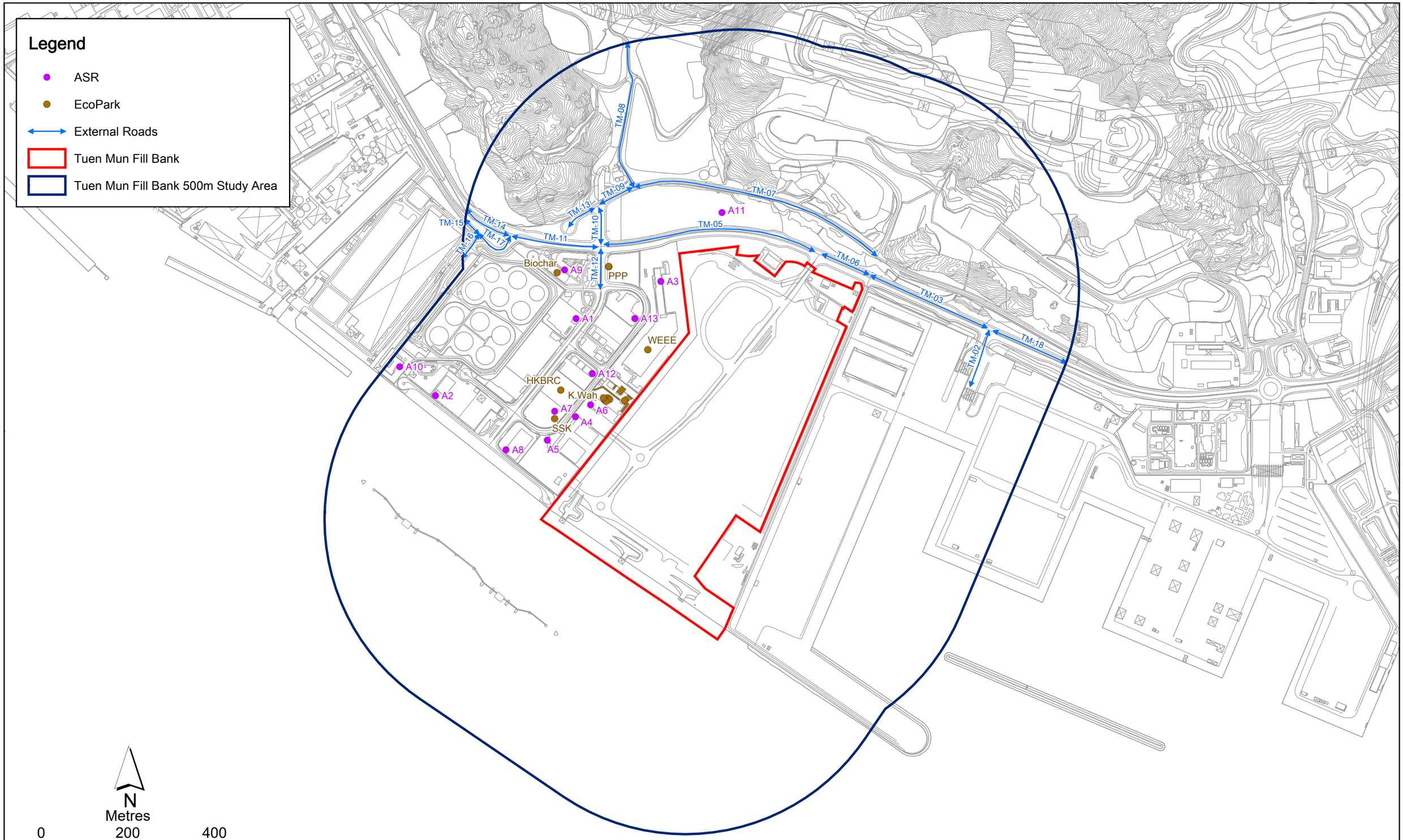


Figure 3.3b

External Roads and Industrial Sources in the 500m Study Area (Year 2025-2028)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_External_Roads_and_Industrial_Sources_2025.mxd
Date: 27/7/2023

Environmental Resources Management

ERM

APPENDIX A DETAILS OF IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS

Appendix A - Details of the Identified Representative Air Sensitive Receivers

ASR ID	ASR Description	Type of Use	Status	X-coordinate	Y-coordinate	Base Elevation	Assessment Heights	Approx. Separation Distance from Project Site Boundary	PATH Grid
				(HK1980)	(HK1980)	(mPD)	(mAG)	(m)	(II,JJ)
A1	EcoPark Tenant: HP Telford	Industrial	Existing	810817.60	825484.00	6.0	1.5-7.5	225	15,39
A2	EcoPark Tenant: Baguio	Industrial	Existing	810493.30	825306.40	5.0	1.5-7.5	370	15,38
A3	Eco Park Tenant: WEEE	Industrial	Existing	811013.00	825570.00	5.0	1.5-10	50	16,39
A4	Eco Park Tenant: South China	Industrial	Existing	810816.49	825258.22	5.0	1.5-10	85	15,38
A5	Eco Park Tenant: Chung Yue	Industrial	Existing	810751.11	825204.21	5.0	1.5-4.5	105	15,38
A6	Eco Park Tenant: K Wah	Industrial	Existing	810850.87	825284.84	5.0	1.5-4.5	75	15,38
A7	EcoPark Tenant: HKBRC	Industrial	Existing	810768.20	825270.80	5.0	1.5-10	130	15,38
A8	EcoPark Tenant: E-Tech	Industrial	Existing	810656.00	825181.60	5.0	1.5-10	165	15,38
A9	Eco Park Administration Building	Industrial	Existing	810790.88	825595.66	6.0	1.5-10	265	15,39
A10	PAFF Office	Industrial	Existing	810410.85	825372.51	5.0	1.5-10	475	15,38
A11	Goodman Westlink	Industrial	Existing	811153.60	825728.14	10.0	1.5-10	80	16,39
A12	EcoPark Tenant: On Fat Lung	Industrial	Existing	810855.20	825356.90	5.0	1.5-7.5	115	15,38
A13	EcoPark Tenant: Zhou Ji paper	Industrial	Planned	810953.05	825484.03	5.0	1.5-10	120	16,39

Note:

(a) The X-coordinate and Y-coordinate of ASRs in the CALINE4 model input have been rounded to the nearest integer.

APPENDIX B EMISSION INVENTORY AND DETAILED EMISSION RATE CALCULATIONS FOR SOURCES ASSOCIATED WITH TMFB OPERATION (EXCEPT VEHICULAR EMISSIONS)

Appendix B1 - RSP and FSP Emission Rate Calculations for Dust Emission Sources within TMFB (Year 2024-2028)

Item	Location	Source	Pollutant	Parameters	Value	Unit	Emission Rate				Reference
							Unmitigated	Mitigated	Unit	% Reduction [a]	
1	Stockpiling Areas (A001)	Wind Erosion (with watering) (0800-1900)	TSP	Emission Factor	0.85	Mg/ha/yr					AP-42, Section 11.9 (Edition 10/98), Table 11.9-4
			RSP	Emission Factor	0.40	Mg/ha/yr	1.27E-06	1.06E-07	g/m2/s	91.7	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	0.06	Mg/ha/yr	1.93E-07	1.60E-08	g/m2/s	91.7	AP-42, Section 13.2.4 (Edition 11/06)
		Wind Erosion (without watering) (1900-0800)	TSP	Emission Factor	0.85	Mg/ha/yr					AP-42, Section 11.9 (Edition 10/98), Table 11.9-4
			RSP	Emission Factor	0.40	Mg/ha/yr	1.27E-06	1.27E-06	g/m2/s	0	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	0.06	Mg/ha/yr	1.93E-07	1.93E-07	g/m2/s	0	AP-42, Section 13.2.4 (Edition 11/06)
	Open Area (A002)	Wind Erosion (24-hour)	TSP	Emission Factor	0.85	Mg/ha/yr					AP-42, Section 11.9 (Edition 10/98), Table 11.9-4
			RSP	Emission Factor	0.40	Mg/ha/yr	1.27E-06	1.27E-06	g/m2/s	0	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	0.06	Mg/ha/yr	1.93E-07	1.93E-07	g/m2/s	0	AP-42, Section 13.2.4 (Edition 11/06)
2	Stockpiling Areas (A001)	Material Handling at SP3a		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	60	truck/day					Provided by CEDD
				Working Hours	10.5	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	2.29E-03	2.29E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	3.47E-04	3.47E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3b (daytime)		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	2136	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	5.35E-02	5.35E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	8.10E-03	8.10E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3b (nighttime)		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	528	truck/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	2.65E-02	2.65E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	4.01E-03	4.01E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3d (daytime)		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	280	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	7.02E-03	7.02E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3d (nighttime)		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	140	truck/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	7.02E-03	7.02E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3c		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	60	truck/day					Provided by CEDD
				Working Hours	10.5	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	2.29E-03	2.29E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	3.47E-04	3.47E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3e		Handling rate	100	tonnes/hour					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	2.80E-03	2.80E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	4.25E-04	4.25E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3g		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	1080	truck/day					Provided by CEDD
				Working Hours	10.5	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	4.12E-02	4.12E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	6.24E-03	6.24E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material Handling at SP3h		Truck Capacity	14.3	tonnes/truck					Provided by CEDD
				Truck Quantity	1080	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	2.71E-02	2.71E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	4.10E-03	4.10E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
3	C&DMSF	Material handling and screening at C&DMSF		Handling Capacity	700	tonnes/day					Provided by CEDD
				Working Hours	12	hours					Provided by CEDD
			RSP	Emission Factor (screening)	3.70E-04	kg/Mg	6.00E-03	6.00E-03	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.01E-04	kg/Mg	1.64E-03	1.64E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor (screening)	2.50E-05	kg/Mg	4.05E-04	4.05E-04	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.53E-05	kg/Mg	2.48E-04	2.48E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)

Emission factor for material handling:

Emission factor (kg/Mg) = k(0.0016)(U/2.2)1.3/(M/2)1.4

Aerodynamic Particle Size Multiplier (k)				
< 30 µm	< 15 µm	< 10 µm	< 5 µm	< 2.5 µm
0.74	0.48	0.35	0.2	0.053

AP-42, Section 13.2.4 (Edition 11/06)

U = 4.237 m/s Note (a)

M = 12.5 % Note (b)

(a) Wind data from PATH-v2.1 (Grid 16,38)

(b) Measured averaged moisture content from 2013 TMFB ERR

Emission factor for paved road:

Emission factor (g/vkt) = k ((sL)^0.91)((W)^1.02)*

Aerodynamic Particle Size Multiplier (k) - g/vkt			
< 30 µm	< 15 µm	< 10 µm	< 2.5 µm
3.23	0.77	0.62	0.15

AP-42 Section 13.2.1 (Edition 1/11)

sL = 2.4 g/m2 Note (c)

W = 25.1 US ton Note (d)

(c) Surface silt loading for quarry with reference to 2013 TMFB ERR

(d) Mean vehicle weight.

Loaded truck is 30MT; Unloaded truck is 15.7MT.

(MT = Metric Tonne)

W = (30MT + 15.7 MT) / 2 x 1.1 = 25.1 US ton

Calculation of emission rate for haul roads:

Emission rate for Haul Roads (g/m/s)

= emission factor (g/vkt) x vehicle flow (truck/day) ÷ 1000 (km to m) ÷ 3600 (hr to sec)

Appendix B1 - RSP and FSP Emission Rate Calculations for Dust Emission Sources within TMFB (Year 2024-2028)

Item	Location	Source	Pollutant	Parameters	Value	Unit	Emission Rate				Reference
							Unmitigated	Mitigated	Unit	% Reduction [a]	
4	C&DMSF (NSA)	Material handling and screening at NSA (daytime)		Handling Capacity	4000	tonnes/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor (screening)	3.70E-04	kg/Mg	2.57E-02	2.57E-02	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.01E-04	kg/Mg	7.01E-03	7.01E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor (screening)	2.50E-05	kg/Mg	1.74E-03	1.74E-03	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material handling and screening at NSA (nighttime)		Handling Capacity	2000	tonnes/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor (screening)	3.70E-04	kg/Mg	2.57E-02	2.57E-02	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.01E-04	kg/Mg	7.01E-03	7.01E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor (screening)	2.50E-05	kg/Mg	1.74E-03	1.74E-03	g/s	0	AP-42, Table 11.19.2-1, Screening (controlled)
				Emission Factor (handling)	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
5	C&DMCF	Material handling and crushing		Handling Capacity	100	tonnes/hour					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor (crushing)	2.70E-04	kg/Mg	7.50E-03	7.50E-03	g/s	0	AP-42, Table 11.19.2-1, Tertiary Crushing (controlled)
				Emission Factor (handling)	1.01E-04	kg/Mg	2.80E-03	2.80E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor (crushing)	5.00E-05	kg/Mg	1.39E-03	1.39E-03	g/s	0	AP-42, Table 11.19.2-1, Tertiary Crushing (controlled)
				Emission Factor (handling)	1.53E-05	kg/Mg	4.25E-04	4.25E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
6	Barging points for importing materials	Material handling at IB1, IB2		Handling rate (per location)	2000	tonnes/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	3.50E-03	3.50E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	5.31E-04	5.31E-05	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
7	Barging points for exporting materials	Material handling at B1, B2 (daytime)		Handling rate (per location)	8300	tonnes/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	1.45E-02	1.45E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	2.20E-03	2.20E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material handling at B1, B2 (nighttime)		Handling rate (per location)	3750	tonnes/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	1.31E-02	1.31E-03	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	1.99E-03	1.99E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material handling at B3 (daytime)		Handling rate (per location)	4000	tonnes/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	7.01E-03	7.01E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
		Material handling at B3 (nighttime)		Handling rate (per location)	2000	tonnes/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	1.01E-04	kg/Mg	7.01E-03	7.01E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
			FSP	Emission Factor	1.53E-05	kg/Mg	1.06E-03	1.06E-04	g/s	90	AP-42, Section 13.2.4 (Edition 11/06)
8	Truck movement haul roads	R1, R2, R3, R4, R5		Truck Quantity	293	truck/hour					Provided by CEDD, maximum hourly flow during operation hours
				Working Hours	10.5	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	3.00E-03	2.49E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	7.26E-04	6.03E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R6		Truck Quantity	164	truck/hour					Provided by CEDD, maximum hourly flow during operation hours
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.68E-03	1.39E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	4.06E-04	3.37E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R7		Truck Quantity	150	truck/hour					Provided by CEDD, maximum hourly flow during operation hours
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.54E-03	1.28E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.72E-04	3.08E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R9		Truck Quantity	15	truck/hour					Provided by CEDD, maximum hourly flow during operation hours
				Working Hours	10.5	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.54E-04	1.28E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.72E-05	3.08E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R10		Truck Quantity	399	truck/hour					Provided by CEDD, maximum hourly flow during operation hours
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	4.09E-03	3.39E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	9.89E-04	8.21E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R11 (daytime)		Truck Quantity	560	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	3.58E-04	2.98E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	8.67E-05	7.20E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R11 (nighttime)		Truck Quantity	280	truck/day					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	3.58E-04	2.98E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	8.67E-05	7.20E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)

Appendix B1 - RSP and FSP Emission Rate Calculations for Dust Emission Sources within TMFB (Year 2024-2028)

Item	Location	Source	Pollutant	Parameters	Value	Unit	Emission Rate				Reference
							Unmitigated	Mitigated	Unit	% Reduction [(a)]	
		R13		Truck Quantity	256	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.64E-04	1.36E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.96E-05	3.29E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R14, R15, R17 (daytime)		Truck Quantity	1184	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	7.58E-04	6.29E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	1.83E-04	1.52E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R14, R15, R17 (nighttime)		Truck Quantity	528	truck/night					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	6.76E-04	5.61E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	1.64E-04	1.36E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R19		Truck Quantity	256	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.64E-04	1.36E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.96E-05	3.29E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R21 (daytime)		Truck Quantity	2112	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.35E-03	1.12E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.27E-04	2.71E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R21 (nighttime)		Truck Quantity	1056	truck/day					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.35E-03	1.12E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.27E-04	2.71E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R22 (daytime)		Truck Quantity	2368	truck/day					Provided by CEDD
				Working Hours	16	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.52E-03	1.26E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.67E-04	3.04E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R22 (nighttime)		Truck Quantity	1056	truck/day					Provided by CEDD
				Working Hours	8	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.35E-03	1.12E-04	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	3.27E-04	2.71E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
		R25, R26, R27, R28		Truck Quantity	204	truck/day					Provided by CEDD
				Working Hours	12	hours					Provided by CEDD
			RSP	Emission Factor	36.8695967	g/vkt	1.74E-04	1.45E-05	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)
			FSP	Emission Factor	8.92006371	g/vkt	4.21E-05	3.50E-06	g/m/s	91.7	AP42 Section 13.2.1 (Edition 1/11)

Notes:

(a) Watering once every hour during working hours. It is assumed that 91.7% dust suppression efficiency can be achieved by watering frequency of once every hour for dust emissions from wind erosion and haul roads with reference to USEPA's Control of Open Fugitive Dust Sources

C = 100 - 0.8pdt / i

= 100 - 0.8 x 0.2323 x 399 x 1 ÷ 8.933 = 91.7%

where:

C = percentage of efficiency, %

p = potential average hourly daytime evaporation rate, mm/hr = 0.0049 x evaporation for annual conditions = 0.0049 x 47.41 inches = 0.2323

Annual averaged evaporation rate recorded at King's Park between 1991 to 2020 is 1204.1mm (47.41 inches). (Reference: Table 9 of https://www.hko.gov.hk/en/cis/normal/1991_2020/normals.htm)

d = average hourly daytime traffic rate, in vehicles per hour = 399 (highest average hourly daytime truck flow along the internal road with highest truck flow (i.e. R10 at 1400-1500))

t = time between application of watering, hr = 1 (i.e. once every hour)

i = application intensity, L/m2 = 8.933

(b) Application of water at material handling (loading and unloading) locations can reduce dust emissions by 90% with reference to AP-42, 5th Edition, Vol 1, Chapter 11 (Mineral Products Industry), Section 11.19.1.2 (Emissions and Controls).

Appendix B1 - RSP and FSP Emission Inventory for Dust Emission Sources within TMFB (Year 2024-2028)

Source ID	Description	Source Type	Coordinates		Dimension/ Coordinates		Base Elevation	Height [(c)]	Angle	Working Hour [(a)]	RSP Emission Rate		FSP Emission Rate	
			X1	Y1	X2	Y2					Working Hours	Non-working Hours / Nighttime Working Hours	Working Hours	Non-working Hours / Nighttime Working Hours
			(m)	(m)	(m)	(m)	(m)	(m)	(degree)		(g/m2/s)	(g/m2/s)	(g/m2/s)	(g/m2/s)
A001	Wind Erosion [(f)]	Polygon Area	811207.01	825494.16			5.00	20.00		0800-1900	1.058E-07	1.275E-06	1.602E-08	1.930E-07
			811361.50	825422.13										
			811229.25	825137.27										
			811193.33	825059.90										
			811075.48	824890.16										
			810815.30	825064.69										
			810945.75	825233.73										
			811137.08	825442.72										
A002	Wind Erosion	Area	811092.54	824888.43	78.60	169.50	5.00	0.50	33.45	24-hour	1.275E-06	1.275E-06	1.930E-07	1.930E-07
SP3a	Material Handling [(f)]	Area	811124.14	825145.36	10.00	10.00	5.00	20.00	0.00	0830-1900	2.291E-06	0.000E+00	3.469E-07	0.000E+00
SP3b	Material Handling [(f)]	Area	811106.22	825145.01	10.00	10.00	5.00	20.00	0.00	0700-2300 (daytime) 2300-0700 (nighttime)	5.352E-05	2.646E-05	8.104E-06	4.007E-06
SP3c	Material Handling [(f)]	Area	811232.82	825217.35	10.00	10.00	5.00	20.00	0.00	0830-1900	2.291E-06	0.000E+00	3.469E-07	0.000E+00
SP3d	Material Handling	Area	810991.52	825201.08	10.00	10.00	5.00	5.00	0.00	0700-2300 (daytime) 2300-0700 (nighttime)	7.015E-06	7.015E-06	1.062E-06	1.062E-06
SP3e	Material Handling	Area	811248.32	825188.44	10.00	10.00	5.00	10.00	0.00	0700-2300	2.803E-06	0.000E+00	4.245E-07	0.000E+00
SP3g	Material Handling	Area	811336.31	825384.33	10.00	10.00	5.00	15.00	0.00	0830-1900	4.123E-05	0.000E+00	6.244E-06	0.000E+00
SP3h	Material Handling	Area	811336.28	825377.00	10.00	10.00	5.00	5.00	0.00	0700-2300	2.706E-05	0.000E+00	4.098E-06	0.000E+00
C&DMSF_S	Material Screening	Area	811165.80	824903.14	10.00	10.00	5.00	5.00	0.00	0800-2000	5.995E-05	0.000E+00	4.051E-06	0.000E+00
C&DMSF_H	Material Handling	Area	811165.80	824903.14	10.00	10.00	5.00	0.50	0.00	0800-2000	1.635E-06	0.000E+00	2.476E-07	0.000E+00
NSA_S	Material Screening	Area	810860.30	825087.91	10.00	10.00	5.00	5.00	0.00	0700-2300 (daytime) 2300-0700 (nighttime)	2.569E-04	2.569E-04	1.736E-05	1.736E-05
NSA_H	Material Handling	Area	810860.30	825087.91	10.00	10.00	5.00	0.50	0.00	0700-2300 (daytime) 2300-0700 (nighttime)	7.008E-06	7.008E-06	1.061E-06	1.061E-06
C&DMCF_C	Material Crushing	Area	811182.44	825055.10	10.00	10.00	5.00	10.00	90.00	0700-2300	7.500E-05	0.000E+00	1.389E-05	0.000E+00
C&DMCF_H	Material Handling	Area	811182.44	825055.10	10.00	10.00	5.00	10.00	90.00	0700-2300	2.803E-06	0.000E+00	4.245E-07	0.000E+00
IB1	Material Handling	Area	810853.58	824979.27	10.00	10.00	5.00	0.50	124.37	0700-2300	3.504E-06	0.000E+00	5.306E-07	0.000E+00
IB2	Material Handling	Area	810989.70	824887.23	10.00	10.00	5.00	0.50	124.37	0700-2300	3.504E-06	0.000E+00	5.306E-07	0.000E+00
B1	Material Handling	Area	811057.50	824841.83	10.00	10.00	5.00	0.50	124.37	0700-2300 (daytime) 2300-0700 (nighttime)	1.454E-05	1.314E-05	2.202E-06	1.990E-06
B2	Material Handling	Area	810921.91	824932.63	10.00	10.00	5.00	0.50	124.37	0700-2300 (daytime) 2300-0700 (nighttime)	1.454E-05	1.314E-05	2.202E-06	1.990E-06
B3	Material Handling	Area	810785.26	825025.91	10.00	10.00	5.00	0.50	124.37	0700-2300 (daytime) 2300-0700 (nighttime)	7.008E-06	7.008E-06	1.061E-06	1.061E-06
R1	Road Dust	Area	811291.06	825571.13	8.00	67.67	5.00	0.50	65.00	0830-1900	3.113E-05	0.000E+00	7.532E-06	0.000E+00
R2	Road Dust	Area	811183.05	825621.27	8.00	122.00	5.00	0.50	114.00	0830-1900	3.113E-05	0.000E+00	7.532E-06	0.000E+00
R3	Road Dust	Area	811088.18	825614.25	8.00	93.05	5.00	0.50	85.00	0830-1900	3.113E-05	0.000E+00	7.532E-06	0.000E+00
R4	Road Dust	Area	811092.48	825610.67	8.00	149.00	5.00	5.00	174.00	0830-1900	3.113E-05	0.000E+00	7.532E-06	0.000E+00
R5	Road Dust	Area	811105.72	825466.05	8.00	123.10	5.00	10.00	120.78	0830-1900	3.113E-05	0.000E+00	7.532E-06	0.000E+00

Appendix B1 - RSP and FSP Emission Inventory for Dust Emission Sources within TMFB (Year 2024-2028)

Source ID	Description	Source Type	Coordinates		Dimension/ Coordinates		Base Elevation	Height [(c)]	Angle	Working Hour [(a)]	RSP Emission Rate		FSP Emission Rate	
			X1	Y1	X2	Y2					Working Hours	Non-working Hours / Nighttime Working Hours	Working Hours	Non-working Hours / Nighttime Working Hours
			(m)	(m)	(m)	(m)	(m)	(m)	(degree)		(g/m2/s)	(g/m2/s)	(g/m2/s)	(g/m2/s)
R6	Road Dust	Area	811138.68	825297.98	8.00	123.78	5.00	20.00	33.01	0700-2300	1.743E-05	0.000E+00	4.216E-06	0.000E+00
R7	Road Dust	Area	811125.16	825150.71	8.00	146.01	5.00	20.00	5.07	0700-2300	1.594E-05	0.000E+00	3.856E-06	0.000E+00
R9	Road Dust	Area	811144.47	825298.97	8.00	120.71	5.00	20.00	127.48	0830-1900	1.594E-06	0.000E+00	3.856E-07	0.000E+00
R10	Road Dust	Area	811209.78	825403.59	8.00	132.24	5.00	15.00	94.46	0700-2300	4.240E-05	0.000E+00	1.026E-05	0.000E+00
R11	Road Dust	Area	810897.53	825096.41	8.00	140.47	5.00	3.50	38.00	0700-2300 (daytime) 2300-0700 (nighttime)	3.719E-06	3.719E-06	8.997E-07	8.997E-07
R13	Road Dust	Area	811183.83	825061.72	8.00	148.86	5.00	5.00	26.27	0700-2300	1.700E-06	0.000E+00	4.113E-07	0.000E+00
R14	Road Dust	Area	810922.74	824932.07	8.00	49.08	5.00	0.50	35.00	0700-2300 (daytime) 2300-0700 (nighttime)	7.863E-06	7.013E-06	1.902E-06	1.697E-06
R15	Road Dust	Area	811057.76	824840.05	8.00	53.00	5.00	0.50	15.16	0700-2300 (daytime) 2300-0700 (nighttime)	7.863E-06	7.013E-06	1.902E-06	1.697E-06
R17	Road Dust	Area	810955.95	824973.66	8.00	145.76	5.00	0.50	123.00	0700-2300 (daytime) 2300-0700 (nighttime)	7.863E-06	7.013E-06	1.902E-06	1.697E-06
R19	Road Dust	Area	811114.07	824955.96	8.00	127.19	5.00	2.50	33.40	0700-2300	1.700E-06	0.000E+00	4.113E-07	0.000E+00
R21	Road Dust	Area	811113.41	824953.76	8.00	195.99	5.00	10.00	0.45	0700-2300 (daytime) 2300-0700 (nighttime)	1.403E-05	1.403E-05	3.393E-06	3.393E-06
R22	Road Dust	Area	811072.14	824892.37	8.00	76.18	5.00	0.50	33.40	0700-2300 (daytime) 2300-0700 (nighttime)	1.573E-05	1.403E-05	3.805E-06	3.393E-06
R25	Road Dust	Area	811175.04	824926.08	8.00	64.56	5.00	0.50	27.00	0800-2000	1.806E-06	0.000E+00	4.370E-07	0.000E+00
R26	Road Dust	Area	811210.07	824984.94	8.00	38.37	5.00	0.50	117.00	0800-2000	1.806E-06	0.000E+00	4.370E-07	0.000E+00
R27	Road Dust	Area	811238.62	824965.24	8.00	291.00	5.00	0.50	22.00	0800-2000	1.806E-06	0.000E+00	4.370E-07	0.000E+00
R28	Road Dust	Area	811349.79	825234.04	8.00	355.30	5.00	0.50	22.00	0800-2000	1.806E-06	0.000E+00	4.370E-07	0.000E+00

Notes:

(a) TMFB is assumed to be operational on all days.

(b) Dry deposition was considered for fugitive dust sources (i.e. wind erosion, material handling/screening/crushing and haul roads) based on the particle size distributions of the respective dust sources.

(c) It is proposed to increase the maximum possible highest point of stockpiling areas to +65.2mPD during the extended TMFB operation (2024-2028). The height of the stockpiling areas A001 was assumed to be 25mPD (i.e. the minimum stockpiling height) which was adopted in the model as a conservative approach, given that the identified ASRs within the 500m Study Area are all low-rise buildings (i.e. 1.5 to 10m above ground).

(d) The maximum RSP and FSP emission rates of the dust emission sources are presented. Hourly emission rates for the dust emission sources are provided in a separate table.

(e) For the Haul Roads, X2 denotes the road width and Y2 denotes the road length.

(f) As confirmed by a sensitivity analysis to compare the three cases of TMFB operation with stockpiling heights at 25mPD (minimum), 40mPD and 65.2mPD (maximum), a lower stockpiling height will cause higher dust impact given that the identified ASRs are of low rise with building height of around 10mAG. Thus 25mPD is adopted for the release height of the sources.

Appendix B1 - RSP and FSP Emission Rate Calculations for Dust Emission Sources within TMFB (Year 2024-2028)

Ratio of Specific Hourly Emission Rate to Maximum Hourly Emission Rate

Source ID	Hr1	Hr2	Hr3	Hr4	Hr5	Hr6	Hr7	Hr8	Hr9	Hr10	Hr11	Hr12	Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	Hr20	Hr21	Hr22	Hr23	Hr24
A001	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	1.0000	1.0000	1.0000	1.0000	1.0000
A002	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
SP3a	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SP3b	0.4944	0.4944	0.4944	0.4944	0.4944	0.4944	0.4944	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.4944
SP3c	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SP3d	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
SP3e	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
SP3g	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SP3h	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
C&DMSF_S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000
C&DMSF_H	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000
NSA_S	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
NSA_H	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
C&DMCF_C	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
C&DMCF_H	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
IB1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
IB2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
B1	0.9036	0.9036	0.9036	0.9036	0.9036	0.9036	0.9036	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9036
B2	0.9036	0.9036	0.9036	0.9036	0.9036	0.9036	0.9036	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9036
B3	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
R1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3754	0.9693	0.8635	0.8362	0.6758	0.7338	1.0000	0.8737	0.7543	0.9352	0.1741	0.0000	0.0000	0.0000	0.0000	0.0000
R2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3754	0.9693	0.8635	0.8362	0.6758	0.7338	1.0000	0.8737	0.7543	0.9352	0.1741	0.0000	0.0000	0.0000	0.0000	0.0000
R3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3754	0.9693	0.8635	0.8362	0.6758	0.7338	1.0000	0.8737	0.7543	0.9352	0.1741	0.0000	0.0000	0.0000	0.0000	0.0000
R4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3754	0.9693	0.8635	0.8362	0.6758	0.7338	1.0000	0.8737	0.7543	0.9352	0.1741	0.0000	0.0000	0.0000	0.0000	0.0000
R5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3754	0.9693	0.8635	0.8362	0.6758	0.7338	1.0000	0.8737	0.7543	0.9352	0.1741	0.0000	0.0000	0.0000	0.0000	0.0000
R6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8232	0.8902	1.0000	0.9817	0.9756	0.9390	0.9573	1.0000	0.9878	0.9512	0.9878	0.8598	0.8232	0.8232	0.8232	0.8232	0.0000
R7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.9000	0.9400	1.0000	0.9933	0.9933	0.9667	0.9733	1.0000	0.9933	0.9733	1.0000	0.9200	0.9000	0.9000	0.9000	0.9000	0.0000
R9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4000	1.0000	0.9333	0.9333	0.6667	0.7333	1.0000	0.9333	0.7333	1.0000	0.2000	0.0000	0.0000	0.0000	0.0000	0.0000
R10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3383	0.5865	0.9774	0.9073	0.8897	0.7870	0.8221	1.0000	0.9173	0.8396	0.9574	0.4511	0.3383	0.3383	0.3383	0.3383	0.0000
R11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
R13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
R14	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.8919
R15	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.8919
R17	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.8919
R19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
R21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
R22	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	0.8919	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.8919
R25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
R26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
R27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
R28	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000

RSP Hourly Emission Rate (g/m2/s)

Source ID	Hr1	Hr2	Hr3	Hr4	Hr5	Hr6	Hr7	Hr8	Hr9	Hr10	Hr11	Hr12	Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	Hr20	Hr21	Hr22	Hr23	Hr24
A001	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.06E-07	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06
A002	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06	1.27E-06
SP3a	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SP3b	2.65E-05	2.65E-05	2.65E-05	2.65E-05	2.65E-05	2.65E-05	2.65E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	5.35E-05	2.65E-05
SP3c	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SP3d	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06	7.02E-06
SP3e	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	0.00E+00
SP3g	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SP3h	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	0.00E+00
C&DMSF_S	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C&DMSF_H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NSA_S	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04	2.57E-04
NSA_H	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06
C&DMCF_C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	7.50E-05	0.00E+00
C&DMCF_H	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	2.80E-06	0.00E+00
IB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	0.00E+00
IB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	3.50E-06	0.00E+00
B1	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.31E-05
B2	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.31E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.31E-05
B3	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06
R1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	3.02E-05	2.69E-05	2.60E-05	2.10E-05	2.28E-05	3.11E-05	2.72E-05	2.35E-05	2.91E-05	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	3.02E-05	2.69E-05	2.60E-05	2.10E-05	2.28E-05	3.11E-05	2.72E-05	2.35E-05	2.91E-05	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	3.02E-05	2.69E-05	2.60E-05	2.10E-05	2.28E-05	3.11E-05	2.72E-05	2.35E-05	2.91E-05	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	3.02E-05	2.69E-05	2.60E-05	2.10E-05	2.28E-05	3.11E-05	2.72E-05	2.35E-05	2.91E-05	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	3.02E-05	2.69E-05	2.60E-05	2.10E-05	2.28E-05	3.11E-05	2.72E-05	2.35E-05	2.91E-05	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	1.55E-05	1.74E-05	1.71E-05	1.70E-05	1.64E-05	1.67E-05	1.74E-05	1.72E-05	1.66E-05	1.72E-05	1.50E-05	1.43E-05	1.43E-05	1.43E-05	1.43E-05	0.00E+00
R7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	1.50E-05	1.59E-05	1.58E-05	1.58E-05	1.54E-05	1.55E-05	1.59E-05	1.58E-05	1.55E-05	1.59E-05	1.47E-05	1.43E-05	1.43E-05	1.43E-05	1.43E-05	0.00E+00
R9	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	1.59E-06	1.49E-06	1.49E-06	1.06E-06	1.17E-06	1.59E-06	1.49E-06	1.17E-06	1.59E-06	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	2.49E-05	4.14E-05	3.85E-05	3.77E-05	3.34E-05	3.49E-05	4.24E-05	3.89E-05	3.56E-05	4.06E-05	1.91E-05	1.43E-05	1.43E-05	1.43E-05	1.43E-05	0.00E+00
R11	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06	3.72E-06
R13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	0.00E+00
R14	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.01E-06
R15	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.01E-06
R17	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.01E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.86E-06	7.01E-06
R19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	0.00E+00
R21	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05
R22	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.40E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.40E-05
R25	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Appendix B1 - Mass Fractions of Particle Sizes for Dust Sources

Material Handling and Wind Erosion

Particle Size (µm)	Average Particle Size (µm)	Mass Fraction		
		TSP	RSP	FSP
2.5	1.25	0.07	0.15	1
5	3.75	0.2	0.42	-
10	7.5	0.2	0.43	-
15	12.5	0.18	-	-
30	22.5	0.35	-	-

Reference: AP-42, Section 13.2.4 (Edition 11/06)

Material Crushing

Particle Size (µm)	Average Particle Size (µm)	Mass Fraction		
		TSP	RSP	FSP
2.5	1.25	0.08	0.19	1
10	6.25	0.37	0.81	-
30	20	0.55	-	-

Reference: AP-42, Table 11.19.2-1, Tertiary Crushing (controlled)

Material Screening

Particle Size (µm)	Average Particle Size (µm)	Mass Fraction		
		TSP	RSP	FSP
2.5	1.25	0.02	0.07	1
10	6.25	0.31	0.93	-
30	20	0.67	-	-

Reference: AP-42, Table 11.19.2-1, Screening (controlled)

Haul Road

Particle Size (µm)	Average Particle Size (µm)	Mass Fraction		
		TSP	RSP	FSP
2.5	1.25	0.04	0.24	1
10	6.25	0.15	0.76	-
15	12.5	0.05	-	-
30	22.5	0.76	-	-

Reference: AP-42 Section 13.2.1 (Edition 1/11)

Appendix B2 - Plant Emission Inventory (Year 2024-2028)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	Engine Power	Fuel Consumption	Emission Factors			Emission Rates			
			X1	Y1									NOx	SO2	PM (RSP/FSP)	NOx	SO2	RSP	FSP
(ID)		(type)	(m)	(m)	(m)	(m)	(K)	(m/s)	(m)	(hours)	(kW)	(L/hr)	(g/KWh)	(g/L)	(g/KWh)	(g/s)	(g/s)	(g/s)	(g/s)
Gen1	C&DMSF Generator	Point	811165.80	824903.14	5.0	1.5	362	56.6	0.075	0800-2000	400	42	4	0.1094	0.2	4.444E-01	1.276E-03	2.222E-02	2.222E-02
Gen2	C&DMCF	Point	811192.69	825061.74	15.0	1.9	773	30.8	0.1	0700-2300	168	50	4	0.1094	0.2	1.867E-01	1.519E-03	9.333E-03	9.333E-03

Notes:

(a) NOx and RSP emission rates were calculated based on the engine power output and NOx and RSP emission factors from European Union Stage IIIA Standard specified under the Air Pollution Control (Non-road Mobile Machinery)(Emission) Regulation. FSP emission rate was assumed the same as RSP emission rate for conservative assessment. Equation of emission rate for NOx and RSP: Emission Rate (g/s) = Emission Factor x Engine Power ÷ 3600

(b) SO2 emission rate was calculated based on plant fuel consumption and the SO2 emission factor for diesel industrial engines from Table 3.3-1, Section 3.3 (Gasoline and Diesel Industrial Engines), AP-42 Vol 1. With reference to Table 5 of "Exhaust Emissions from Uncontrolled Vehicles and Related Equipment Using Internal Combustion Engines, Part 5: Farm, Construction, and Industrial Engines" published by USEPA, the SO2 emission factors for diesel industrial engines provided in AP-42 were estimated based on a fuel sulphur content of 0.22% for diesel fuel. Therefore, the SO2 emission factors adopted in this assessment have been corrected based on a sulphur content of 0.005% for ULSD in Hong Kong. Energy content of diesel fuel was assumed to be 38.6 MJ/L (Reference from Engineering Toolbox https://www.engineeringtoolbox.com/fuels-higher-calorific-values-d_169.html). SO2 emission factor = 0.29 lb/MMBtu x 430 ng/J x 1E+9 g/ng ÷ 1E+6 J/MJ x 38.6 MJ/L x (0.005/0.22) = 0.1094 g/L . To convert from lb/MMBtu to ng/J, multiply by 430. Equation of emission rate for SO2: Emission Rate (g/s) = Emission Factor x Fuel Consumption ÷ 3600.

Appendix B3 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels

Item	Source	Pollutant	Parameters	Value	Unit	Emission Rate		Reference
						Emission Rate	Unit	
1	Berthing emissions		Average Auxiliary Engine Power (Barge)	50	kW			Provided by CEDD
	from Barge		Auxiliary Engine Load factor	0.43				Table 4.10, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		NOx	Emission Factor	10	g/kWh	2.15E+02	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		SO2	Emission Factor	0.208	g/kWh	4.47E+00	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD Fuel for local vessels in Hong Kong has sulphur content limited to 0.05% under the Air Pollution Control (Marine Light Diesel) Regulation
		RSP	Emission Factor	0.4	g/kWh	8.60E+00	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		FSP	Emission Factor	0.39	g/kWh	8.39E+00	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
2	Berthing emissions		Average Auxiliary Engine Power (Derrick Lighter)	270	kW			Provided by CEDD
	from Derrick Lighter		Auxiliary Engine Load factor	0.43				Table 4.10, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		NOx	Emission Factor	10	g/kWh	1.16E+03	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		SO2	Emission Factor	0.208	g/kWh	2.41E+01	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD Fuel for local vessels in Hong Kong has sulphur content limited to 0.05% under the Air Pollution Control (Marine Light Diesel) Regulation
		RSP	Emission Factor	0.4	g/kWh	4.64E+01	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		FSP	Emission Factor	0.39	g/kWh	4.53E+01	g/hr/vessel	Table 4.16, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
3	Maneuvering (Barge)		Average Main Engine Power (Barge)	1100	kW			Provided by CEDD
			Main Engine Load factor	0.3				Table 4.7, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		NOx	Emission Factor	10	g/kWh	3.30E+03	g/hr/vessel	Table 4.16, Main Engine (Cat.1), Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		SO2	Emission Factor	0.208	g/kWh	6.86E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.1), Study on Marine Vessels Emission Inventory Final Report 2012, EPD Fuel for local vessels in Hong Kong has sulphur content limited to 0.05% under the Air Pollution Control (Marine Light Diesel) Regulation
		RSP	Emission Factor	0.3	g/kWh	9.90E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.1), Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		FSP	Emission Factor	0.29	g/kWh	9.57E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.1), Study on Marine Vessels Emission Inventory Final Report 2012, EPD
4	Maneuvering (Tugboat)		Average Main Engine Power (tugboat)	392	kW			Provided by CEDD
			Main Engine Load factor	0.3				Table 4.7, Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		NOx	Emission Factor	13.2	g/kWh	1.55E+03	g/hr/vessel	Table 4.16, Main Engine (Cat.2), Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		SO2	Emission Factor	0.208	g/kWh	2.45E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.2), Study on Marine Vessels Emission Inventory Final Report 2012, EPD Fuel for local vessels in Hong Kong has sulphur content limited to 0.05% under the Air Pollution Control (Marine Light Diesel) Regulation
		RSP	Emission Factor	0.72	g/kWh	8.47E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.2), Study on Marine Vessels Emission Inventory Final Report 2012, EPD
		FSP	Emission Factor	0.7	g/kWh	8.23E+01	g/hr/vessel	Table 4.16, Main Engine (Cat.2), Study on Marine Vessels Emission Inventory Final Report 2012, EPD

Appendix B3 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels (for assessment except annual NO2) (Year 2024)

Berthing

					NOx			SO2			RSP			FSP		
	Time-in-mode [2] (hr)	Maximum Flow at each point [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
B1_B B2_B B3_B	0.25	1	0700 - 2300	Barge	2.150E+02	1.493E-02	0700 - 2300	4.472E+00	3.106E-04	0700 - 2300	8.600E+00	5.972E-04	0700 - 2300	8.385E+00	5.823E-04	0700 - 2300
B1_B B2_B B3_B	0.25	1	2300 - 0700	Barge	2.150E+02	1.493E-02	2300 - 0700	4.472E+00	3.106E-04	2300 - 0700	8.600E+00	5.972E-04	2300 - 0700	8.385E+00	5.823E-04	2300 - 0700
IB1_B IB2_B	0.25	1	0700 - 2300	Derrick Lighter	1.161E+03	8.063E-02	0700 - 2300	2.415E+01	1.677E-03	0700 - 2300	4.644E+01	3.225E-03	0700 - 2300	4.528E+01	3.144E-03	0700 - 2300

Maneuvering

					NOx			SO2			RSP			FSP		
	Time-in-mode [2] (hr)	Maximum Flow [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
from IB1 - IB2	0.25	2	0700 - 2300	Tugboat	1.552E+03	2.156E-01		2.446E+01	3.397E-03		8.467E+01	1.176E-02		8.232E+01	1.143E-02	
M1-M35						6.160E-03	0700 - 2300		9.707E-05	0700 - 2300		3.360E-04	0700 - 2300		3.267E-04	0700 - 2300
from B1 - B3	0.25	3	0700 - 2300	Barge	3.300E+03	6.875E-01		6.864E+01	1.430E-02		9.900E+01	2.063E-02		9.570E+01	1.994E-02	
from B1 - B3	0.25	3	2300 - 0700	Barge	3.300E+03	6.875E-01		6.864E+01	1.430E-02		9.900E+01	2.063E-02		9.570E+01	1.994E-02	
M36-M71						1.910E-02	0700 - 2300		3.972E-04	0700 - 2300		5.729E-04	0700 - 2300		5.538E-04	0700 - 2300
M36-M71						1.910E-02	2300 - 0700		3.972E-04	2300 - 0700		5.729E-04	2300 - 0700		5.538E-04	2300 - 0700

Notes:

(1) Emission rate (g/s) = Emission rate (g/hr/vessel) x Time-in-mode (hr) x Maximum Flow / 3600

(2) Time-in-mode for berthing refers to the berthing time at barging point within an hour. As on-shore power will be implemented at 75% at B1, B2, B3, IB1 and IB2 in Year 2024, the time-in-mode has been adjusted to 1x(1-75%)=0.25.
Time-in-mode for maneuvering refers to the maneuvering time within the Study Area and is assumed to be 15 minutes for routes M1-M35 and M36-71.
Time-in-mode was advised by CEDD.

(3) Maximum flow for berthing refers to the maximum number of vessel at berth at each barging point within an hour.
Maximum flow for maneuvering refers to the maximum number of vessels travelling to / from all relevant barging points within an hour.
Maximum flow was advised by CEDD.
For assessment except annual NO2, a worst-case scenario has been assumed for the berthing points B1 to B3 and IB1 to IB2 and considered as a conservative approach. These berthing points were assumed to berth 1 vessel for an hour for each working hour (i.e. the vessel is assumed to be occupied at all times).

(4) Barges were assumed for material export at barging points B1 to B3.
Derick lighter (at berth) and tugboat (maneuvering) were assumed for material import at barging points IB1 and IB2.

Appendix B3 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels (for assessment except annual NO2) (Year 2025-2028)

Berthing

					NOx			SO2			RSP			FSP		
	Time-in-mode [2] (hr)	Maximum Flow at each point [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
B1_B B2_B B3_B	0	1	0700 - 2300	Barge	2.150E+02	0.000E+00	0700 - 2300	4.472E+00	0.000E+00	0700 - 2300	8.600E+00	0.000E+00	0700 - 2300	8.385E+00	0.000E+00	0700 - 2300
B1_B B2_B B3_B	0	1	2300 - 0700	Barge	2.150E+02	0.000E+00	2300 - 0700	4.472E+00	0.000E+00	2300 - 0700	8.600E+00	0.000E+00	2300 - 0700	8.385E+00	0.000E+00	2300 - 0700
IB1_B IB2_B	0	1	0700 - 2300	Derrick Lighter	1.161E+03	0.000E+00	0700 - 2300	2.415E+01	0.000E+00	0700 - 2300	4.644E+01	0.000E+00	0700 - 2300	4.528E+01	0.000E+00	0700 - 2300

Maneuvering

					NOx			SO2			RSP			FSP		
	Time-in-mode [2] (hr)	Maximum Flow [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
from IB1 - IB2	0.25	2	0700 - 2300	Tugboat	1.552E+03	2.156E-01		2.446E+01	3.397E-03		8.467E+01	1.176E-02		8.232E+01	1.143E-02	
M1-M35						6.160E-03	0700 - 2300		9.707E-05	0700 - 2300		3.360E-04	0700 - 2300		3.267E-04	0700 - 2300
from B1 - B3	0.25	3	0700 - 2300	Barge	3.300E+03	6.875E-01		6.864E+01	1.430E-02		9.900E+01	2.063E-02		9.570E+01	1.994E-02	
from B1 - B3	0.25	3	2300 - 0700	Barge	3.300E+03	6.875E-01		6.864E+01	1.430E-02		9.900E+01	2.063E-02		9.570E+01	1.994E-02	
M36-M71						1.910E-02	0700 - 2300		3.972E-04	0700 - 2300		5.729E-04	0700 - 2300		5.538E-04	0700 - 2300
M36-M71						1.910E-02	2300 - 0700		3.972E-04	2300 - 0700		5.729E-04	2300 - 0700		5.538E-04	2300 - 0700

Notes:

(1) Emission rate (g/s) = Emission rate (g/hr/vessel) x Time-in-mode (hr) x Maximum Flow / 3600

(2) Time-in-mode for berthing refers to the berthing time at barging point within an hour. As on-shore power will be implemented at 100% at B1, B2, B3, IB1 and IB2 in Year 2025-2028, the time-in-mode has been adjusted to 1x(1-100%)=0.
Time-in-mode for maneuvering refers to the maneuvering time within the Study Area and is assumed to be 15 minutes for routes M1-M35 and M36-71.
Time-in-mode was advised by CEDD.
All auxiliary engines of the barges and derrick lighters will be switched off during berthing at all times as advised by CEDD. Thus, no emission during berthing was assumed for Year 2025-2028 in the modelling assessment.

(3) Maximum flow for berthing refers to the maximum number of vessel at berth at each barging point within an hour.
Maximum flow for maneuvering refers to the maximum number of vessels travelling to / from all relevant barging points within an hour.
Maximum flow was advised by CEDD.
For assessment except annual NO2, a worst-case scenario has been assumed for the berthing points B1 to B3 and IB1 to IB2 and considered as a conservative approach. These berthing points were assumed to berth 1 vessel for an hour for each working hour (i.e. the vessel is assumed to be occupied at all times).

(4) Barges were assumed for material export at barging points B1 to B3.
Derick lighter (at berth) and tugboat (maneuvering) were assumed for material import at barging points IB1 and IB2.

Appendix B3 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels (for annual NO_2 assessment) (Year 2024)

Berthing

					NOx		
	Time-in-mode [2] (hr)	Daily Flow at each point [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
B1_B B2_B B3_B	1	3	0700 - 2300	Barge	2.150E+02	1.120E-02	0700 - 2300
B1_B B2_B B3_B	1	2	2300 - 0700	Barge	2.150E+02	1.493E-02	2300 - 0700
IB1_B IB2_B	1	0.03	0700 - 2300	Derrick Lighter	1.161E+03	6.047E-04	0700 - 2300

Maneuvering

					NOx		
	Time-in-mode [2] (hr)	Daily Flow [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
from IB1 - IB2	0.25	0.12	0700 - 2300	Tugboat	1.55E+03	8.09E-04	
M1-M35						2.31E-05	0700 - 2300
from B1 - B3	0.25	18	0700 - 2300	Barge	3.30E+03	2.58E-01	
from B1 - B3	0.25	12	2300 - 0700	Barge	3.30E+03	3.44E-01	
M36-M71						7.16E-03	0700 - 2300
M36-M71						9.55E-03	2300 - 0700

Notes:

(1) Emission rate (g/s) = Emission rate (g/hr/vessel) x Time-in-mode (hr) x Daily Flow / Working Hours / 3600

(2) Time-in-mode for berthing refers to the berthing time at barging point and is assumed to be 4 hours. As on-shore power will be implemented at 75% at B1, B2, B3, IB1 and IB2 in Year 2024, the time-in-mode has been adjusted to 4x(1-75%)=1.

Time-in-mode for maneuvering refers to the maneuvering time within the Study Area and is assumed to be 15 minutes for routes M1-M35 and M36-71.

Time-in-mode was advised by CEDD.

(3) Daily flow for berthing refers to number of vessel at berth at each barging point each day, averaging over a year.

Daily flow for maneuvering refers to the number of vessel trips arriving and departing (two-way trip) at all relevant barging points each day, averaging over a year.

Material import at each barging point (IB1 or IB2) accounts for 3% of the time on average annually as advised by CEDD.

Daily flow (berthing) = Flow/day x % of days in a year = 1 x 0.03 = 0.03 (provided by CEDD based on previous record of fill import via marine vessels)

Daily flow (maneuvering) = Flow/day x % of days in a year x no. of barging points (IB1 & IB2) x 2 (two-way) = 1 x 0.03 x 2 x 2 = 0.12

For annual NO2 assessment, the number of daily vessel flow for berthing at B1 to B3 are different for 0700-2300 and 2300-0700. The daily flow at each of the berthing points B1 to B3 during 0700-2300 is 3 (i.e. total of 9 for berthing points B1 to B3 during 0700-2300); the daily flow at each of the berthing points B1 to B3 during 2300-0700 is 2 (i.e. total of 6 for berthing points B1 to B3 during 0700-2300).

(4) Barges were assumed for material export at barging points B1 to B3.

Derick lighter (at berth) and tugboat (maneuvering) were assumed for material import at barging points IB1 and IB2.

Appendix B3 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels (for annual NO_2 assessment) (Year 2025-2028)

Berthing

					NOx		
	Time-in-mode [2] (hr)	Daily Flow at each point [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
B1_B B2_B B3_B	0	3	0700 - 2300	Barge	2.150E+02	0.000E+00	0700 - 2300
B1_B B2_B B3_B	0	2	2300 - 0700	Barge	2.150E+02	0.000E+00	2300 - 0700
IB1_B IB2_B	0	0.03	0700 - 2300	Derrick Lighter	1.161E+03	0.000E+00	0700 - 2300

Maneuvering

					NOx		
	Time-in-mode [2] (hr)	Daily Flow [3]	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
from IB1 - IB2	0.25	0.12	0700 - 2300	Tugboat	1.55E+03	8.09E-04	
M1-M35						2.31E-05	0700 - 2300
from B1 - B3	0.25	18	0700 - 2300	Barge	3.30E+03	2.58E-01	
from B1 - B3	0.25	12	2300 - 0700	Barge	3.30E+03	3.44E-01	
M36-M71						7.16E-03	0700 - 2300
M36-M71						9.55E-03	2300 - 0700

Notes:

(1) Emission rate (g/s) = Emission rate (g/hr/vessel) x Time-in-mode (hr) x Daily Flow / Working Hours / 3600

(2) Time-in-mode for berthing refers to the berthing time at barging point and is assumed to be 4 hours. As on-shore power will be implemented at 100% at B1, B2, B3, IB1 and IB2 in Year 2025-2028, the time-in-mode has been adjusted to 4x(1-100%)=0.

Time-in-mode for maneuvering refers to the maneuvering time within the Study Area and is assumed to be 15 minutes for routes M1-M35 and M36-71.

Time-in-mode was advised by CEDD.

All auxiliary engines of the barges and derrick lighters will be switched off during berthing at all times as advised by CEDD. Thus, no emission during berthing was assumed for Year 2025-2028 in the modelling assessment.

(3) Daily flow for berthing refers to number of vessel at berth at each barging point each day, averaging over a year.

Daily flow for maneuvering refers to the number of vessel trips arriving and departing (two-way trip) at all relevant barging points each day, averaging over a year.

Material import at each barging point (IB1 or IB2) accounts for 3% of the time on average annually as advised by CEDD.
Daily flow (berthing) = Flow/day x % of days in a year = 1 x 0.03 = 0.03 (provided by CEDD based on previous record of fill import via marine vessels)
Daily flow (maneuvering) = Flow/day x % of days in a year x no. of barging points (IB1 & IB2) x 2 (two-way) = 1 x 0.03 x 2 x 2 = 0.12

For annual NO2 assessment, the number of daily vessel flow for berthing at B1 to B3 are different for 0700-2300 and 2300-0700. The daily flow at each of the berthing points B1 to B3 during 0700-2300 is 3 (i.e. total of 9 for berthing points B1 to B3 during 0700-2300); the daily flow at each of the berthing points B1 to B3 during 2300-0700 is 2 (i.e. total of 6 for berthing points B1 to B3 during 0700-2300).

(4) Barges were assumed for material export at barging points B1 to B3.

Derick lighter (at berth) and tugboat (maneuvering) were assumed for material import at barging points IB1 and IB2.

Appendix B3 - Emission Inventory for Marine Vessels (Year 2024)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)		NOx Emission Rate (Hourly)		SO2 Emission Rate		RSP Emission Rate		FSP Emission Rate	
			X1	Y1							0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
B1_B	Berthing	Point	811058.80	824834.88	0	15.00	803	8.00	0.30	24-hour	1.120E-02	1.493E-02	1.493E-02	1.493E-02	3.106E-04	3.106E-04	5.972E-04	5.972E-04	5.823E-04	5.823E-04
B2_B	Berthing	Point	810923.22	824925.68	0	15.00	803	8.00	0.30	24-hour	1.120E-02	1.493E-02	1.493E-02	1.493E-02	3.106E-04	3.106E-04	5.972E-04	5.972E-04	5.823E-04	5.823E-04
B3_B	Berthing	Point	810786.56	825018.96	0	15.00	803	8.00	0.30	24-hour	1.120E-02	1.493E-02	1.493E-02	1.493E-02	3.106E-04	3.106E-04	5.972E-04	5.972E-04	5.823E-04	5.823E-04
IB1_B	Berthing	Point	810853.58	824979.27	0	9.00	795	8.00	0.15	0700-2300	6.047E-04	0.000E+00	8.063E-02	0.000E+00	1.677E-03	0.000E+00	3.225E-03	0.000E+00	3.144E-03	0.000E+00
IB2_B	Berthing	Point	810989.70	824887.23	0	9.00	795	8.00	0.15	0700-2300	6.047E-04	0.000E+00	8.063E-02	0.000E+00	1.677E-03	0.000E+00	3.225E-03	0.000E+00	3.144E-03	0.000E+00
M1	Maneuvering	Point	810906.87	824905.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M2	Maneuvering	Point	810900.10	824885.74	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M3	Maneuvering	Point	810894.34	824865.94	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M4	Maneuvering	Point	810891.94	824845.08	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M5	Maneuvering	Point	810890.89	824824.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M6	Maneuvering	Point	810890.89	824803.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M7	Maneuvering	Point	810891.98	824782.85	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M8	Maneuvering	Point	810896.10	824762.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M9	Maneuvering	Point	810900.18	824741.96	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M10	Maneuvering	Point	810908.83	824722.83	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M11	Maneuvering	Point	810917.49	824703.69	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M12	Maneuvering	Point	810926.13	824684.89	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M13	Maneuvering	Point	810936.15	824666.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M14	Maneuvering	Point	810946.17	824647.98	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M15	Maneuvering	Point	810956.96	824630.34	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M16	Maneuvering	Point	810968.61	824612.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M17	Maneuvering	Point	810980.26	824595.39	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M18	Maneuvering	Point	810991.89	824578.27	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M19	Maneuvering	Point	811004.56	824561.53	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M20	Maneuvering	Point	811017.23	824544.78	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M21	Maneuvering	Point	811030.00	824528.50	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M22	Maneuvering	Point	811044.03	824512.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M23	Maneuvering	Point	811058.05	824497.24	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M24	Maneuvering	Point	811072.08	824481.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M25	Maneuvering	Point	811086.63	824466.90	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M26	Maneuvering	Point	811101.48	824452.05	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M27	Maneuvering	Point	811116.33	824437.20	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M28	Maneuvering	Point	811131.07	824422.66	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M29	Maneuvering	Point	811146.16	824408.06	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M30	Maneuvering	Point	811161.25	824393.46	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M31	Maneuvering	Point	811176.30	824379.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M32	Maneuvering	Point	811191.65	824364.92	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M33	Maneuvering	Point	811206.83	824350.84	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M34	Maneuvering	Point	811222.82	824337.23	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M35	Maneuvering	Point	811237.74	824324.54	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M36	Maneuvering	Point	810906.87	824905.62	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M37	Maneuvering	Point	810890.89	824891.99	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M38	Maneuvering	Point	810873.48	824881.36	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M39	Maneuvering	Point	810853.86	824873.88	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M40	Maneuvering	Point	810833.74	824869.37	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M41	Maneuvering	Point	810813.02	824865.91	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M42	Maneuvering	Point	810792.38	824864.83	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M43	Maneuvering	Point	810771.39	824864.21	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M44	Maneuvering	Point	810750.70	824863.63	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M45	Maneuvering	Point	810729.70	824863.17	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M46	Maneuvering	Point	810708.71	824862.70	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M47	Maneuvering	Point	810687.71	824862.23	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M48	Maneuvering	Point	810667.02	824862.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M49	Maneuvering	Point	810646.03	824863.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M50	Maneuvering	Point	810625.03	824863.55	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M51	Maneuvering	Point	810604.34	824864.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M52	Maneuvering	Point	810583.34	824864.45	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M53	Maneuvering	Point	810562.35	824864.89	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M54	Maneuvering	Point	810541.35	824865.33	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M55	Maneuvering	Point	810520.82	824867.92	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M56	Maneuvering	Point	810499.99	824870.61	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M57	Maneuvering	Point	810479.82	824874.96	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M58	Maneuvering	Point	810459.65	824880.81	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M59	Maneuvering	Point	810439.80	824886.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M60	Maneuvering	Point	810420.67	824895.32	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M61	Maneuvering	Point	810401.53	824903.97	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04

Appendix B3 - Emission Inventory for Marine Vessels (Year 2024)

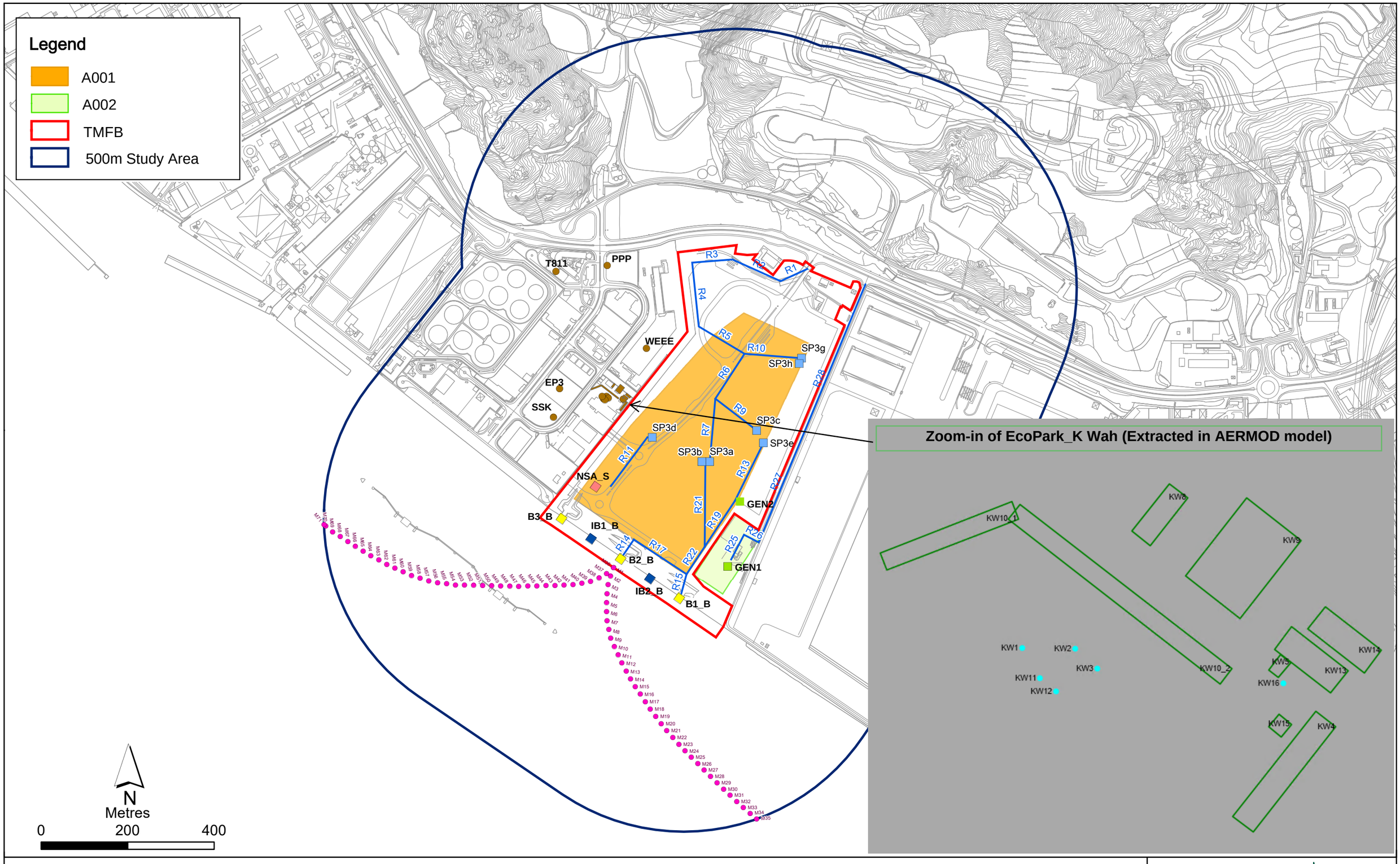
Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)		NOx Emission Rate (Hourly)		SO2 Emission Rate		RSP Emission Rate		FSP Emission Rate	
			X1	Y1							0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
M62	Maneuvering	Point	810382.90	824912.98	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M63	Maneuvering	Point	810364.37	824922.86	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M64	Maneuvering	Point	810345.85	824932.75	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M65	Maneuvering	Point	810328.10	824943.40	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M66	Maneuvering	Point	810310.26	824954.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M67	Maneuvering	Point	810292.69	824965.41	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M68	Maneuvering	Point	810274.97	824976.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M69	Maneuvering	Point	810257.66	824988.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M70	Maneuvering	Point	810241.59	825001.52	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M71	Maneuvering	Point	810237.57	825004.90	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04

Appendix B3 - Emission Inventory for Marine Vessels (Year 2025-2028)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)		NOx Emission Rate (Hourly)		SO2 Emission Rate		RSP Emission Rate		FSP Emission Rate	
			X1	Y1							0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
B1_B	Berthing	Point	811058.80	824834.88	0	15.00	803	8.00	0.30	24-hour	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
B2_B	Berthing	Point	810923.22	824925.68	0	15.00	803	8.00	0.30	24-hour	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
B3_B	Berthing	Point	810786.56	825018.96	0	15.00	803	8.00	0.30	24-hour	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
IB1_B	Berthing	Point	810853.58	824979.27	0	9.00	795	8.00	0.15	0700-2300	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
IB2_B	Berthing	Point	810989.70	824887.23	0	9.00	795	8.00	0.15	0700-2300	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
M1	Maneuvering	Point	810906.87	824905.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M2	Maneuvering	Point	810900.10	824885.74	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M3	Maneuvering	Point	810894.34	824865.94	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M4	Maneuvering	Point	810891.94	824845.08	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M5	Maneuvering	Point	810890.89	824824.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M6	Maneuvering	Point	810890.89	824803.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M7	Maneuvering	Point	810891.98	824782.85	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M8	Maneuvering	Point	810896.10	824762.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M9	Maneuvering	Point	810900.18	824741.96	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M10	Maneuvering	Point	810908.83	824722.83	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M11	Maneuvering	Point	810917.49	824703.69	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M12	Maneuvering	Point	810926.13	824684.89	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M13	Maneuvering	Point	810936.15	824666.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M14	Maneuvering	Point	810946.17	824647.98	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M15	Maneuvering	Point	810956.96	824630.34	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M16	Maneuvering	Point	810968.61	824612.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M17	Maneuvering	Point	810980.26	824595.39	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M18	Maneuvering	Point	810991.89	824578.27	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M19	Maneuvering	Point	811004.56	824561.53	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M20	Maneuvering	Point	811017.23	824544.78	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M21	Maneuvering	Point	811030.00	824528.50	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M22	Maneuvering	Point	811044.03	824512.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M23	Maneuvering	Point	811058.05	824497.24	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M24	Maneuvering	Point	811072.08	824481.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M25	Maneuvering	Point	811086.63	824466.90	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M26	Maneuvering	Point	811101.48	824452.05	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M27	Maneuvering	Point	811116.33	824437.20	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M28	Maneuvering	Point	811131.07	824422.66	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M29	Maneuvering	Point	811146.16	824408.06	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M30	Maneuvering	Point	811161.25	824393.46	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M31	Maneuvering	Point	811176.30	824379.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M32	Maneuvering	Point	811191.65	824364.92	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M33	Maneuvering	Point	811206.83	824350.84	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M34	Maneuvering	Point	811222.82	824337.23	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M35	Maneuvering	Point	811237.74	824324.54	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00	6.160E-03	0.000E+00	9.707E-05	0.000E+00	3.360E-04	0.000E+00	3.267E-04	0.000E+00
M36	Maneuvering	Point	810906.87	824905.62	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M37	Maneuvering	Point	810890.89	824891.99	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M38	Maneuvering	Point	810873.48	824881.36	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M39	Maneuvering	Point	810853.86	824873.88	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M40	Maneuvering	Point	810833.74	824869.37	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M41	Maneuvering	Point	810813.02	824865.91	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M42	Maneuvering	Point	810792.38	824864.83	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M43	Maneuvering	Point	810771.39	824864.21	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M44	Maneuvering	Point	810750.70	824863.63	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M45	Maneuvering	Point	810729.70	824863.17	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M46	Maneuvering	Point	810708.71	824862.70	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M47	Maneuvering	Point	810687.71	824862.23	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M48	Maneuvering	Point	810667.02	824862.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M49	Maneuvering	Point	810646.03	824863.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M50	Maneuvering	Point	810625.03	824863.55	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M51	Maneuvering	Point	810604.34	824864.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M52	Maneuvering	Point	810583.34	824864.45	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M53	Maneuvering	Point	810562.35	824864.89	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M54	Maneuvering	Point	810541.35	824865.33	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M55	Maneuvering	Point	810520.82	824867.92	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M56	Maneuvering	Point	810499.99	824870.61	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M57	Maneuvering	Point	810479.82	824874.96	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M58	Maneuvering	Point	810459.65	824880.81	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M59	Maneuvering	Point	810439.80	824886.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M60	Maneuvering	Point	810420.67	824895.32	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M61	Maneuvering	Point	810401.53	824903.97	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04

Appendix B3 - Emission Inventory for Marine Vessels (Year 2025-2028)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)		NOx Emission Rate (Hourly)		SO2 Emission Rate		RSP Emission Rate		FSP Emission Rate	
			X1	Y1							0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700	0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
M62	Maneuvering	Point	810382.90	824912.98	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M63	Maneuvering	Point	810364.37	824922.86	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M64	Maneuvering	Point	810345.85	824932.75	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M65	Maneuvering	Point	810328.10	824943.40	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M66	Maneuvering	Point	810310.26	824954.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M67	Maneuvering	Point	810292.69	824965.41	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M68	Maneuvering	Point	810274.97	824976.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M69	Maneuvering	Point	810257.66	824988.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M70	Maneuvering	Point	810241.59	825001.52	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04
M71	Maneuvering	Point	810237.57	825004.90	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03	1.910E-02	1.910E-02	3.972E-04	3.972E-04	5.729E-04	5.729E-04	5.538E-04	5.538E-04



Appendix B4

Source IDs in AERMOD model (Indicative Only)

Date: 24/8/2023

Environmental Resources Management

ERM

APPENDIX C EMISSION INVENTORY OF INDUSTRIAL EMISSION SOURCES WITHIN 500M STUDY AREA

Appendix C1 - Emission Inventory for Stack Emission Sources in the Vicinity of TMFB (Year 2024)

Sources	Model ID	Source	X	Y	Elevation	Discharge Height	Temperature	Exit Velocity	Diameter	X-length	Y-length	Angle	RSP Emission	FSP Emission	NOx Emission	SO2 Emission	Operation Hour
	(ID)	(type)	(HK1980)	(HK1980)	(m)	(m)	(K)	(m/s)	(m)	(m)	(m)	(degree)	g/s or g/m^2/s	g/s or g/m^2/s	(g/s)	(g/s)	(hour)
EcoPark_WEEE	WEEE	POINT	810983.00	825412.00	5.00	13.20	463	7.19	0.15				0.0025	0.0025	0.0296	0.0009	24-hour
EcoPark_SSK	SSK	POINT	810768.00	825253.00	5.00	30.00	353	16.90	1.80				0.0340	0.0255	0.9900	0.4600	0700-1900
EcoPark_K Wah	KW1	POINT	810880.60	825301.20	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW2	POINT	810890.40	825301.00	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW3	POINT	810894.60	825297.30	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW4	AREA	810919.80	825269.80	5.00	5.50				4.80	25.00	38.10	2.160E-05	6.680E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW5	AREA	810926.50	825297.10	5.00	3.00				2.30	3.60	38.10	3.140E-06	1.020E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW8	AREA	810901.00	825323.00	5.00	0.00				4.30	11.30	38.10	2.260E-05	6.170E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW9	AREA	810910.90	825314.70	5.00	0.00				13.00	18.50	38.11	1.750E-05	5.410E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW10_1	AREA	810854.00	825319.00	5.00	0.00				3.50	26.30	68.70	8.040E-06	1.940E-06			0700-1900 (100%)1900-0700 (30%)
EcoPark_K Wah	KW10_2	AREA	810877.90	825325.20	5.00	0.00				50.00	3.50	37.80	8.040E-06	1.940E-06			0700-1900 (100%)1900-0700 (30%)
EcoPark_K Wah	KW11	POINT	810883.80	825295.60	5.00	9.40	298	4.33	0.35				4.200E-03	4.200E-03			24-hour
EcoPark_K Wah	KW12	POINT	810886.80	825293.10	5.00	9.40	298	4.33	0.35				4.200E-03	4.200E-03			24-hour
EcoPark_K Wah	KW13	AREA	810927.50	825301.00	5.00	0.00				13.30	5.30	38.14	1.190E-04	1.800E-05			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW14	AREA	810933.80	825304.80	5.00	0.00				13.30	5.30	38.14	1.190E-04	1.800E-05			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW15	AREA	810926.50	825286.50	5.00	3.00				3.00	3.00	38.10	3.530E-04	1.090E-04			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW16	POINT	810929.30	825294.60	5.00	2.50	298	17.30	0.30				0.0122	0.0122			24-hour
EcoPark_Biochar	T8-11	POINT	810773.70	825590.00	5.00	13.00	433	20.00	0.30				0.01417	0.01417	0.1700		24-hour
EcoPark_HKBRC	EP3	POINT	810782.00	825319.00	5.00	15.00	298	15.90	1.10				0.0340	0.0340			24-hour

Notes:

(a) Stack parameters (including dimensions, temperature, velocity) and emissions for WEEE-park (WEEE), Biochar system (Biochar) (commenced in 2023), battery recycling centre (HKBRC) are provided by IPG of EPD.

(b) Stack parameters and emissions for SSK at EcoPark is referenced from the Air Pollution Control Plan of its Specified Process Licence (L-17-004(1)).

(c) Stack parameters and emissions for K Wah at EcoPark is referenced from the Air Pollution Control Plan of its Specified Process Licence (L-3-241(2)). The area sources are fugitive dust sources and thus dry deposition was considered in the model with particle size distributions based on the ratios of the RSP and FSP emission rates.

Appendix C2 - Emission Inventory for Stack Emission Sources in the Vicinity of TMFB (Year 2025-2028)

Sources	Model ID	Source	X	Y	Elevation	Discharge Height	Temperature	Exit Velocity	Diameter	X-length	Y-length	Angle	RSP Emission	FSP Emission	NOx Emission	SO2 Emission	Operation Hour
	(ID)	(type)	(HK1980)	(HK1980)	(m)	(m)	(K)	(m/s)	(m)	(m)	(m)	(degree)	g/s or g/m^2/s	g/s or g/m^2/s	(g/s)	(g/s)	(hour)
EcoPark_WEEE	WEEE	POINT	810983.00	825412.00	5.00	13.20	463	7.19	0.15				0.0025	0.0025	0.0296	0.0009	24-hour
EcoPark_SSK	SSK	POINT	810768.00	825253.00	5.00	30.00	353	16.90	1.80				0.0340	0.0255	0.9900	0.4600	0700-1900
EcoPark_K Wah	KW1	POINT	810880.60	825301.20	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW2	POINT	810890.40	825301.00	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW3	POINT	810894.60	825297.30	5.00	18.00	298	12.18	0.25				0.0061	0.0061			0700-1900
EcoPark_K Wah	KW4	AREA	810919.80	825269.80	5.00	5.50				4.80	25.00	38.10	2.160E-05	6.680E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW5	AREA	810926.50	825297.10	5.00	3.00				2.30	3.60	38.10	3.140E-06	1.020E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW8	AREA	810901.00	825323.00	5.00	0.00				4.30	11.30	38.10	2.260E-05	6.170E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW9	AREA	810910.90	825314.70	5.00	0.00				13.00	18.50	38.11	1.750E-05	5.410E-06			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW10_1	AREA	810854.00	825319.00	5.00	0.00				3.50	26.30	68.70	8.040E-06	1.940E-06			0700-1900 (100%)1900-0700 (30%)
EcoPark_K Wah	KW10_2	AREA	810877.90	825325.20	5.00	0.00				50.00	3.50	37.80	8.040E-06	1.940E-06			0700-1900 (100%)1900-0700 (30%)
EcoPark_K Wah	KW11	POINT	810883.80	825295.60	5.00	9.40	298	4.33	0.35				4.200E-03	4.200E-03			24-hour
EcoPark_K Wah	KW12	POINT	810886.80	825293.10	5.00	9.40	298	4.33	0.35				4.200E-03	4.200E-03			24-hour
EcoPark_K Wah	KW13	AREA	810927.50	825301.00	5.00	0.00				13.30	5.30	38.14	1.190E-04	1.800E-05			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW14	AREA	810933.80	825304.80	5.00	0.00				13.30	5.30	38.14	1.190E-04	1.800E-05			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW15	AREA	810926.50	825286.50	5.00	3.00				3.00	3.00	38.10	3.530E-04	1.090E-04			0700-1900 (100%)1900-0700 (50%)
EcoPark_K Wah	KW16	POINT	810929.30	825294.60	5.00	2.50	298	17.30	0.30				0.0122	0.0122			24-hour
EcoPark_Biochar	T8-11	POINT	810773.70	825590.00	5.00	13.00	433	20.00	0.30				0.01417	0.01417	0.1700		24-hour
EcoPark_HKBRC	EP3	POINT	810782.00	825319.00	5.00	15.00	298	15.90	1.10				0.0340	0.0340			24-hour
EcoPark_PPP	PPP	POINT	810892.50	825604.00	5.00	30.00	683	22.30	0.71				0.0003	0.0003	0.4622	0.1280	24-hour

Notes:

(a) Stack parameters (including dimensions, temperature, velocity) and emissions for WEEE-park (WEEE), Biochar system (Biochar) (commenced in 2023), battery recycling centre (HKBRC) and proposed paper pluping plant (PPP) are provided by IPG of EPD.

(b) Stack parameters and emissions for SSK at EcoPark is referenced from the Air Pollution Control Plan of its Specified Process Licence (L-17-004(1)).

(c) Stack parameters and emissions for K Wah at EcoPark is referenced from the Air Pollution Control Plan of its Specified Process Licence (L-3-241(2)). The area sources are fugitive dust sources and thus dry deposition was considered in the model with particle size distributions based on the ratios of the RSP and FSP emission rates.

(d) The emission source EcoPark_PPP represent the combined emissions of first and second generators of the paper pulping plant given their stacks are located adajcent to each other. The equivalent stack diameter of 0.71m has been adopted in the modelling assessment, based on stack diameter of 0.5m for each generator.

APPENDIX D TRAFFIC FLOWS OF INTERNAL AND EXTERNAL ROADS

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-2	Access Road To River Trade Terminal From Lung Mun Road	N	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*30*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**32**	28.13%	3.13%	3.13%	3.13%	0.00%	0.00%	15.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.88%	0.00%	0.00%
				07:00 ~ 08:00	30	*29*	**100**	27.00%	4.00%	4.00%	2.00%	0.00%	0.00%	16.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.00%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**116**	12.93%	5.17%	0.00%	0.86%	0.00%	0.00%	16.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.66%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**147**	5.44%	1.36%	0.00%	0.00%	0.00%	6.12%	21.09%	0.00%	0.00%	0.00%	0.00%	0.68%	0.00%	0.00%	0.00%	0.00%	65.31%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**156**	1.28%	0.00%	0.00%	1.92%	0.00%	3.21%	19.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.72%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**145**	1.38%	0.00%	2.07%	1.38%	0.69%	6.21%	24.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.14%	0.00%	0.00%
				12:00 ~ 13:00	30	*29*	**110**	7.27%	0.00%	2.73%	0.91%	0.00%	3.64%	19.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.36%	0.00%	0.00%
				13:00 ~ 14:00	30	*30*	**123**	4.88%	0.81%	0.00%	1.63%	0.81%	0.81%	19.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.54%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**119**	4.20%	0.00%	0.00%	0.00%	0.00%	2.52%	13.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.83%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**120**	1.67%	0.00%	0.00%	0.00%	0.00%	4.17%	21.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.50%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**110**	1.82%	0.91%	1.82%	1.82%	0.00%	1.82%	21.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**44**	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.55%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-2	Access Road To River Trade Terminal From Lung Mun Road	S	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**3**	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				07:00 ~ 08:00	30	*30*	**10**	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**114**	1.75%	5.26%	0.00%	0.88%	0.00%	0.88%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.81%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**129**	2.33%	1.55%	0.00%	0.00%	0.78%	1.55%	21.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.09%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**137**	2.92%	0.00%	1.46%	2.19%	0.00%	5.11%	21.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	67.15%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**166**	6.63%	0.00%	1.81%	1.81%	0.00%	7.23%	19.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	63.25%	0.00%	0.00%
				12:00 ~ 13:00	30	*30*	**80**	5.00%	0.00%	2.50%	1.25%	1.25%	12.50%	16.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	61.25%	0.00%	0.00%
				13:00 ~ 14:00	30	*29*	**139**	5.04%	0.72%	0.72%	0.72%	0.00%	2.88%	20.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.72%	0.00%	0.00%	0.00%	69.06%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**132**	2.27%	0.00%	0.00%	0.76%	0.00%	3.79%	18.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	74.24%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**123**	4.88%	0.00%	0.00%	0.00%	0.00%	2.44%	21.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.54%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**130**	9.23%	0.77%	0.00%	0.77%	0.00%	1.54%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.31%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**82**	15.85%	0.00%	0.00%	2.44%	0.00%	0.00%	15.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	65.85%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**26**	73.08%	0.00%	3.85%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.23%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	E	LD	00:00 ~ 01:00	70	70	29	31.03%	6.90%	3.45%	6.90%	3.45%	10.34%	17.24%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	0.00%	3.45%	13.79%	0.00%	0.00%
				01:00 ~ 02:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				02:00 ~ 03:00	70	70	11	36.36%	9.09%	0.00%	9.09%	0.00%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%
				03:00 ~ 04:00	70	70	15	33.33%	6.67%	6.67%	6.67%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				04:00 ~ 05:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	70	28	28.57%	7.14%	3.57%	7.14%	3.57%	10.71%	17.86%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	3.57%	14.29%	0.00%	0.00%
				06:00 ~ 07:00	70	69	110	30.00%	7.27%	3.64%	6.36%	2.73%	10.00%	19.09%	0.00%	0.00%	0.00%	0.00%	0.00%	2.73%	0.00%	0.91%	1.82%	15.45%	0.00%	0.00%
				07:00 ~ 08:00	70	69	257	34.63%	13.23%	0.00%	8.95%	0.00%	8.95%	5.84%	0.00%	0.00%	0.00%	0.00%	0.00%	8.56%	0.00%	0.39%	2.72%	16.73%	0.00%	0.00%
				08:00 ~ 09:00	70	68	503	19.68%	13.92%	3.78%	6.76%	2.19%	10.93%	18.69%	0.00%	0.00%	0.40%	0.00%	0.00%	4.17%	0.00%	0.80%	1.19%	17.50%	0.00%	0.00%
				09:00 ~ 10:00	70	68	422	11.85%	13.03%	4.03%	8.06%	3.79%	9.72%	21.80%	0.00%	0.00%	0.00%	0.00%	0.24%	0.24%	0.00%	0.71%	0.47%	26.07%	0.00%	0.00%
				10:00 ~ 11:00	70	67	513	19.30%	9.16%	3.31%	5.46%	7.02%	12.67%	20.08%	0.00%	0.00%	0.00%	0.19%	0.00%	0.58%	0.00%	0.78%	0.19%	21.25%	0.00%	0.00%
				11:00 ~ 12:00	70	67	590	27.46%	8.47%	4.24%	8.98%	3.90%	12.71%	15.08%	0.00%	0.00%	0.00%	0.00%	0.17%	0.34%	0.00%	1.36%	0.17%	17.12%	0.00%	0.00%
				12:00 ~ 13:00	70	68	489	27.20%	10.22%	2.66%	7.57%	3.89%	9.00%	19.63%	0.00%	0.00%	0.00%	0.00%	0.20%	1.02%	0.00%	1.23%	1.23%	16.16%	0.00%	0.00%
				13:00 ~ 14:00	70	68	479	25.05%	7.10%	3.55%	5.22%	3.55%	11.90%	22.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.42%	0.00%	0.84%	1.25%	19.00%	0.00%	0.00%
				14:00 ~ 15:00	70	68	429	17.02%	4.66%	4.43%	3.03%	1.86%	15.85%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.70%	0.00%	0.93%	0.93%	19.81%	0.00%	0.00%
				15:00 ~ 16:00	70	68	484	28.10%	4.75%	1.86%	5.17%	2.27%	16.94%	21.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%	0.00%	1.03%	0.41%	17.56%	0.00%	0.00%
				16:00 ~ 17:00	70	67	521	29.94%	5.18%	6.91%	7.10%	3.26%	11.13%	19.19%	0.00%	0.00%	0.00%	0.00%	0.77%	0.58%	0.00%	0.96%	1.54%	13.44%	0.00%	0.00%
				17:00 ~ 18:00	70	66	821	48.11%	3.53%	4.26%	7.06%	2.92%	5.48%	10.96%	0.00%	0.00%	0.00%	0.00%	0.97%	6.21%	0.00%	1.58%	4.51%	4.38%	0.00%	0.00%
				18:00 ~ 19:00	70	68	316	42.41%	4.43%	3.48%	9.18%	1.27%	6.65%	12.66%	0.00%	0.00%	0.00%	0.00%	3.16%	4.11%	0.00%	1.90%	4.75%	6.01%	0.00%	0.00%
				19:00 ~ 20:00	70	69	243	48.97%	7.00%	4.53%	4.94%	1.23%	4.12%	8.64%	0.00%	0.00%	0.00%	0.00%	1.23%	8.23%	0.00%	2.47%	4.12%	4.53%	0.00%	0.00%
				20:00 ~ 21:00	70	69	120	53.33%	7.50%	3.33%	4.17%	2.50%	5.83%	11.67%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	3.33%	2.50%	2.50%	0.00%	0.00%
				21:00 ~ 22:00	70	70	77	51.95%	11.69%	2.60%	2.60%	1.30%	6.49%	7.79%	0.00%	0.00%	0.00%	0.00%	0.00%	1.30%	0.00%	5.19%	2.60%	6.49%	0.00%	0.00%
				22:00 ~ 23:00	70	70	42	54.76%	16.67%	4.76%	4.76%	4.76%	2.38%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	2.38%	4.76%	0.00%	0.00%
				23:00 ~ 00:00	70	70	38	31.58%	7.89%	2.63%	5.26%	2.63%	10.53%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	2.63%	15.79%	0.00%	0.00%
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	W	LD	00:00 ~ 01:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				01:00 ~ 02:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				02:00 ~ 03:00	70	70	10	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	13	30.77%	7.69%	7.69%	0.00%	0.00%	15.38%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				04:00 ~ 05:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				05:00 ~ 06:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				06:00 ~ 07:00	70	70	100	28.00%	8.00%	8.00%	2.00%	2.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	1.00%	3.00%	0.00%	1.00%	1.00%	16.00%	0.00%	0.00%
				07:00 ~ 08:00	70	68	393	44.53%	5.85%	2.54%	2.04%	1.02%	1.78%	18.07%	0.00%	0.00%	0.00%	0.00%	1.02%	8.14%	0.00%	2.54%	4.07%	8.40%	0.00%	0.00%
				08:00 ~ 09:00	70	68	472	23.94%	3.60%	1.69%	2.54%	1.06%	9.96%	26.48%	0.00%	0.00%	0.00%	0.00%	0.42%	1.69%	0.00%	0.64%	1.48%	26.48%	0.00%	0.00%
				09:00 ~ 10:00	70	69	295	5.42%	0.00%	0.34%	2.03%	0.34%	14.92%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.56%	0.00%	0.00%
				10:00 ~ 11:00	70	69	260	1.54%	0.00%	0.77%	2.31%	3.08%	20.38%	40.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.54%	0.00%	0.00%
				11:00 ~ 12:00	70	69	285	3.86%	0.00%	0.00%	3.16%	2.81%	11.23%	42.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36.49%	0.00%	0.00%
				12:00 ~ 13:00	70	69	191	7.33%	0.00%	3.14%	3.66%	0.52%	17.28%	37.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.89%	0.00%	0.00%
				13:00 ~ 14:00	70	69	261	5.75%	0.00%	0.77%	4.60%	1.15%	13.03%	43.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.38%	31.03%	0.00%	0.00%
				14:00 ~ 15:00	70	68	305	1.31%	0.00%	0.00%	2.30%	0.00%	22.62%	42.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.15%	0.00%	0.00%
				15:00 ~ 16:00	70	69	242	1.24%	0.00%	0.00%	3.72%	4.55%	14.88%	41.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.88%	0.00%	0.00%
				16:00 ~ 17:00	70	69	245	1.22%	0.00%	0.82%	2.04%	2.04%	16.33%	45.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.24%	0.00%	0.00%
				17:00 ~ 18:00	70	69	242	4.55%	0.00%	0.00%	1.24%	5.37%	13.64%	42.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.64%	0.00%	0.00%
				18:00 ~ 19:00	70	70	44	11.36%	4.55%	0.00%	11.36%	4.55%	22.73%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.45%	0.00%	0.00%
				19:00 ~ 20:00	70	69	202	41.09%	7.92%	10.89%	1.98%	0.99%	4.46%	9.41%	0.00%	0.00%	0.00%	0.00%	1.49%	10.89%	0.00%	2.97%	2.97%	4.95%	0.00%	0.00%
				20:00 ~ 21:00	70	69	103	48.54%	8.74%	7.77%	0.97%	1.94%	6.80%	12.62%	0.00%	0.00%	0.00%	0.00%	0.00%	3.88%	0.00%	3.88%	1.94%	2.91%	0.00%	0.00%
				21:00 ~ 22:00	70	70	67	49.25%	13.43%	5.97%	0.00%	1.49%	5.97%	7.46%	0.00%	0.00%	0.00%	0.00%	0.00%	1.49%	0.00%	5.97%	1.49%	7.46%	0.00%	0.00%
				22:00 ~ 23:00	70	70	36	50.00%	19.44%	11.11%	0.00%	2.78%	2.78%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	2.78%	5.56%	0.00%	0.00%
				23:00 ~ 00:00	70	70	36	27.78%	8.33%	8.33%	0.00%	2.78%	11.11%	19.44%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	2.78%	0.00%	16.67%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	70	22	36.36%	9.09%	0.00%	13.64%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	4.55%	9.09%	0.00%	0.00%
				01:00 ~ 02:00	70	70	15	40.00%	13.33%	0.00%	13.33%	0.00%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				02:00 ~ 03:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				03:00 ~ 04:00	70	70	11	45.45%	9.09%	0.00%	9.09%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				04:00 ~ 05:00	70	70	15	40.00%	13.33%	0.00%	13.33%	0.00%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				05:00 ~ 06:00	70	70	22	36.36%	9.09%	0.00%	13.64%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	4.55%	9.09%	0.00%	0.00%
				06:00 ~ 07:00	70	70	89	38.20%	10.11%	1.12%	12.36%	2.25%	8.99%	10.11%	0.00%	0.00%	0.00%	0.00%	1.12%	3.37%	0.00%	1.12%	2.25%	8.99%	0.00%	0.00%
				07:00 ~ 08:00	70	69	205	32.20%	17.56%	0.00%	10.24%	0.00%	3.41%	2.93%	0.00%	0.00%	0.49%	0.00%	2.93%	18.54%	0.00%	0.98%	3.41%	7.32%	0.00%	0.00%
				08:00 ~ 09:00	70	68	366	19.67%	20.49%	2.19%	8.74%	1.09%	5.46%	13.39%	0.00%	0.00%	0.00%	0.00%	4.37%	9.84%	0.00%	2.19%	1.64%	10.93%	0.00%	0.00%
				09:00 ~ 10:00	70	68	346	18.79%	15.90%	1.16%	13.01%	3.76%	11.56%	15.90%	0.00%	0.00%	0.00%	0.00%	0.29%	1.16%	0.00%	1.45%	0.58%	16.47%	0.00%	0.00%
				10:00 ~ 11:00	70	68	428	23.83%	13.08%	0.93%	14.25%	3.50%	15.19%	11.68%	0.00%	0.23%	0.23%	0.00%	0.00%	0.70%	0.00%	0.93%	0.23%	15.19%	0.00%	0.00%
				11:00 ~ 12:00	70	67	521	33.01%	11.52%	0.19%	16.89%	1.92%	13.44%	8.83%	0.00%	0.00%	0.19%	0.00%	0.19%	0.38%	0.00%	1.34%	0.19%	11.90%	0.00%	0.00%
				12:00 ~ 13:00	70	68	393	32.06%	11.70%	1.02%	15.78%	3.31%	10.18%	10.94%	0.00%	0.00%	0.00%	0.00%	0.25%	1.53%	0.00%	1.78%	1.27%	10.18%	0.00%	0.00%
				13:00 ~ 14:00	70	68	493	27.38%	7.10%	1.01%	11.56%	4.06%	13.39%	16.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.81%	0.00%	1.22%	1.22%	16.02%	0.00%	0.00%
				14:00 ~ 15:00	70	69	274	25.55%	9.12%	1.09%	10.58%	1.82%	13.87%	18.98%	0.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.09%	2.55%	14.96%	0.00%	0.00%
				15:00 ~ 16:00	70	68	357	36.13%	5.88%	0.56%	10.92%	3.64%	14.57%	13.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.00%	1.40%	0.56%	12.32%	0.00%	0.00%
				16:00 ~ 17:00	70	68	468	36.75%	5.56%	0.85%	16.45%	3.63%	9.83%	13.25%	0.00%	0.00%	0.00%	0.00%	1.07%	0.64%	0.00%	1.07%	2.35%	8.55%	0.00%	0.00%
				17:00 ~ 18:00	70	66	716	53.49%	4.19%	0.84%	10.75%	1.68%	4.61%	5.45%	0.00%	0.00%	0.00%	0.00%	0.98%	7.68%	0.00%	1.68%	5.03%	3.63%	0.00%	0.00%
				18:00 ~ 19:00	70	68	424	56.13%	4.48%	0.47%	10.38%	0.47%	4.01%	6.13%	0.00%	0.00%	0.00%	0.00%	2.83%	6.37%	0.00%	1.18%	4.72%	2.83%	0.00%	0.00%
				19:00 ~ 20:00	70	69	253	56.52%	7.51%	0.40%	10.67%	0.40%	2.37%	3.95%	0.00%	0.00%	0.00%	0.00%	1.98%	8.30%	0.00%	1.58%	4.35%	1.98%	0.00%	0.00%
				20:00 ~ 21:00	70	69	111	51.35%	11.71%	0.90%	9.91%	2.70%	4.50%	6.31%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	4.50%	1.80%	1.80%	0.00%	0.00%
				21:00 ~ 22:00	70	70	55	45.45%	16.36%	0.00%	9.09%	0.00%	10.91%	5.45%	0.00%	0.00%	0.00%	0.00%	0.00%	1.82%	0.00%	7.27%	3.64%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	32	40.63%	21.88%	3.13%	9.38%	3.13%	0.00%	3.13%	0.00%	0.00%	0.00%	0.00%	0.00%	3.13%	0.00%	6.25%	3.13%	6.25%	0.00%	0.00%
				23:00 ~ 00:00	70	70	35	37.14%	11.43%	0.00%	11.43%	2.86%	8.57%	11.43%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	2.86%	2.86%	8.57%	0.00%	0.00%
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				01:00 ~ 02:00	70	70	14	35.71%	14.29%	0.00%	7.14%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	14	35.71%	14.29%	0.00%	7.14%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				05:00 ~ 06:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				06:00 ~ 07:00	70	70	86	37.21%	10.47%	2.33%	10.47%	4.65%	8.14%	10.47%	0.00%	0.00%	0.00%	0.00%	1.16%	3.49%	0.00%	1.16%	1.16%	9.30%	0.00%	0.00%
				07:00 ~ 08:00	70	68	472	54.66%	8.90%	2.12%	6.14%	1.48%	0.85%	5.72%	0.00%	0.00%	0.64%	0.00%	1.69%	9.32%	0.00%	2.12%	3.60%	2.75%	0.00%	0.00%
				08:00 ~ 09:00	70	67	645	48.84%	10.23%	2.48%	8.99%	2.02%	4.81%	6.67%	0.00%	0.00%	0.00%	0.00%	1.24%	3.57%	0.00%	0.93%	2.17%	8.06%	0.00%	0.00%
				09:00 ~ 10:00	70	67	562	35.23%	12.28%	2.14%	13.52%	5.87%	7.12%	8.90%	0.00%	0.00%	0.00%	0.18%	0.18%	0.53%	0.00%	1.07%	1.60%	11.39%	0.00%	0.00%
				10:00 ~ 11:00	70	68	463	29.16%	11.66%	2.16%	12.31%	6.91%	12.31%	8.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.43%	0.00%	1.51%	1.08%	14.04%	0.00%	0.00%
				11:00 ~ 12:00	70	68	407	23.83%	15.23%	3.93%	10.07%	5.41%	14.00%	13.51%	0.00%	0.00%	0.00%	0.00%	0.25%	0.74%	0.00%	1.47%	0.49%	11.06%	0.00%	0.00%
				12:00 ~ 13:00	70	68	363	28.65%	8.82%	1.93%	15.70%	4.13%	9.09%	12.12%	0.00%	0.00%	0.00%	0.00%	0.00%	1.10%	0.00%	1.38%	0.28%	16.80%	0.00%	0.00%
				13:00 ~ 14:00	70	68	421	32.54%	7.84%	1.90%	11.64%	6.18%	9.50%	13.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.95%	0.00%	1.19%	0.71%	13.78%	0.00%	0.00%
				14:00 ~ 15:00	70	68	358	25.70%	7.26%	3.91%	10.61%	6.15%	11.45%	17.04%	0.00%	0.00%	0.00%	0.00%	0.28%	0.56%	0.00%	1.40%	0.28%	15.36%	0.00%	0.00%
				15:00 ~ 16:00	70	69	293	23.55%	7.51%	1.02%	8.53%	10.58%	11.26%	17.75%	0.00%	0.00%	0.00%	0.00%	2.05%	1.37%	0.00%	1.71%	0.00%	14.68%	0.00%	0.00%
				16:00 ~ 17:00	70	68	318	22.96%	7.86%	1.57%	11.64%	4.09%	8.81%	16.04%	0.00%	0.00%	0.00%	0.00%	1.89%	9.12%	0.00%	1.89%	0.94%	13.21%	0.00%	0.00%
				17:00 ~ 18:00	70	69	295	21.02%	12.20%	1.69%	8.81%	6.10%	5.76%	11.86%	0.00%	0.00%	0.68%	0.00%	2.37%	13.90%	0.00%	2.37%	1.36%	11.86%	0.00%	0.00%
				18:00 ~ 19:00	70	69	192	42.19%	9.90%	4.69%	6.77%	4.17%	5.73%	8.85%	0.00%	0.00%	0.00%	0.00%	2.08%	4.17%	0.00%	2.08%	3.65%	5.73%	0.00%	0.00%
				19:00 ~ 20:00	70	69	170	44.12%	8.82%	4.12%	6.47%	2.35%	4.12%	4.12%	0.00%	0.00%	0.00%	0.00%	1.76%	13.53%	0.00%	4.12%	2.94%	3.53%	0.00%	0.00%
				20:00 ~ 21:00	70	69	103	61.17%	4.85%	1.94%	6.80%	3.88%	4.85%	4.85%	0.00%	0.00%	0.00%	0.00%	0.00%	3.88%	0.00%	3.88%	2.91%	0.97%	0.00%	0.00%
				21:00 ~ 22:00	70	70	78	60.26%	10.26%	2.56%	3.85%	2.56%	2.56%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	5.13%	1.28%	6.41%	0.00%	0.00%
				22:00 ~ 23:00	70	70	45	60.00%	20.00%	0.00%	6.67%	6.67%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	2.22%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	35	34.29%	11.43%	2.86%	8.57%	5.71%	8.57%	11.43%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	2.86%	2.86%	8.57%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	*70*	**29**	31.03%	6.90%	3.45%	6.90%	3.45%	10.34%	17.24%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	0.00%	3.45%	13.79%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**18**	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**11**	36.36%	9.09%	0.00%	9.09%	0.00%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**15**	33.33%	6.67%	6.67%	6.67%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**18**	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**28**	28.57%	7.14%	3.57%	7.14%	3.57%	10.71%	17.86%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	3.57%	14.29%	0.00%	0.00%
				06:00 ~ 07:00	70	*70*	**110**	30.00%	7.27%	3.64%	6.36%	2.73%	10.00%	19.09%	0.00%	0.00%	0.00%	0.00%	0.00%	2.73%	0.00%	0.91%	1.82%	15.45%	0.00%	0.00%
				07:00 ~ 08:00	70	*69*	**257**	34.63%	13.23%	0.00%	8.95%	0.00%	8.95%	5.84%	0.00%	0.00%	0.00%	0.00%	0.00%	8.56%	0.00%	0.39%	2.72%	16.73%	0.00%	0.00%
				08:00 ~ 09:00	70	*68*	**503**	19.68%	13.92%	3.78%	6.76%	2.19%	10.93%	18.69%	0.00%	0.00%	0.40%	0.00%	0.00%	4.17%	0.00%	0.80%	1.19%	17.50%	0.00%	0.00%
				09:00 ~ 10:00	70	*68*	**422**	11.85%	13.03%	4.03%	8.06%	3.79%	9.72%	21.80%	0.00%	0.00%	0.00%	0.00%	0.24%	0.24%	0.00%	0.71%	0.47%	26.07%	0.00%	0.00%
				10:00 ~ 11:00	70	*68*	**513**	19.30%	9.16%	3.31%	5.46%	7.02%	12.67%	20.08%	0.00%	0.00%	0.00%	0.19%	0.00%	0.58%	0.00%	0.78%	0.19%	21.25%	0.00%	0.00%
				11:00 ~ 12:00	70	*68*	**590**	27.46%	8.47%	4.24%	8.98%	3.90%	12.71%	15.08%	0.00%	0.00%	0.00%	0.00%	0.17%	0.34%	0.00%	1.36%	0.17%	17.12%	0.00%	0.00%
				12:00 ~ 13:00	70	*68*	**489**	27.20%	10.22%	2.66%	7.57%	3.89%	9.00%	19.63%	0.00%	0.00%	0.00%	0.00%	0.20%	1.02%	0.00%	1.23%	1.23%	16.16%	0.00%	0.00%
				13:00 ~ 14:00	70	*68*	**479**	25.05%	7.10%	3.55%	5.22%	3.55%	11.90%	22.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.42%	0.00%	0.84%	1.25%	19.00%	0.00%	0.00%
				14:00 ~ 15:00	70	*68*	**429**	17.02%	4.66%	4.43%	3.03%	1.86%	15.85%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.70%	0.00%	0.93%	0.93%	19.81%	0.00%	0.00%
				15:00 ~ 16:00	70	*68*	**484**	28.10%	4.75%	1.86%	5.17%	2.27%	16.94%	21.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%	0.00%	1.03%	0.41%	17.56%	0.00%	0.00%
				16:00 ~ 17:00	70	*68*	**521**	29.94%	5.18%	6.91%	7.10%	3.26%	11.13%	19.19%	0.00%	0.00%	0.00%	0.00%	0.77%	0.58%	0.00%	0.96%	1.54%	13.44%	0.00%	0.00%
				17:00 ~ 18:00	70	*67*	**821**	48.11%	3.53%	4.26%	7.06%	2.92%	5.48%	10.96%	0.00%	0.00%	0.00%	0.00%	0.97%	6.21%	0.00%	1.58%	4.51%	4.38%	0.00%	0.00%
				18:00 ~ 19:00	70	*69*	**316**	42.41%	4.43%	3.48%	9.18%	1.27%	6.65%	12.66%	0.00%	0.00%	0.00%	0.00%	3.16%	4.11%	0.00%	1.90%	4.75%	6.01%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**243**	48.97%	7.00%	4.53%	4.94%	1.23%	4.12%	8.64%	0.00%	0.00%	0.00%	0.00%	1.23%	8.23%	0.00%	2.47%	4.12%	4.53%	0.00%	0.00%
				20:00 ~ 21:00	70	*70*	**120**	53.33%	7.50%	3.33%	4.17%	2.50%	5.83%	11.67%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	3.33%	2.50%	2.50%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**77**	51.95%	11.69%	2.60%	2.60%	1.30%	6.49%	7.79%	0.00%	0.00%	0.00%	0.00%	0.00%	1.30%	0.00%	5.19%	2.60%	6.49%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**42**	54.76%	16.67%	4.76%	4.76%	4.76%	2.38%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	2.38%	4.76%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**38**	31.58%	7.89%	2.63%	5.26%	2.63%	10.53%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	2.63%	15.79%	0.00%	0.00%
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	*70*	**25**	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**16**	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**10**	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**13**	30.77%	7.69%	7.69%	0.00%	0.00%	15.38%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**16**	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**25**	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				06:00 ~ 07:00	70	*70*	**100**	28.00%	8.00%	8.00%	2.00%	2.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	1.00%	3.00%	0.00%	1.00%	1.00%	16.00%	0.00%	0.00%
				07:00 ~ 08:00	70	*68*	**393**	44.53%	5.85%	2.54%	2.04%	1.02%	1.78%	18.07%	0.00%	0.00%	0.00%	0.00%	1.02%	8.14%	0.00%	2.54%	4.07%	8.40%	0.00%	0.00%
				08:00 ~ 09:00	70	*68*	**474**	23.63%	3.59%	1.69%	2.53%	1.05%	10.55%	26.37%	0.00%	0.00%	0.00%	0.00%	0.42%	1.69%	0.00%	0.63%	1.48%	26.37%	0.00%	0.00%
				09:00 ~ 10:00	70	*69*	**291**	4.81%	0.00%	0.00%	2.06%	0.34%	13.75%	45.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.02%	0.00%	0.00%
				10:00 ~ 11:00	70	*69*	**261**	1.53%	0.00%	0.77%	2.30%	3.07%	19.92%	41.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.42%	0.00%	0.00%
				11:00 ~ 12:00	70	*69*	**286**	3.50%	0.00%	0.00%	3.15%	2.80%	12.59%	41.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36.36%	0.00%	0.00%
				12:00 ~ 13:00	70	*69*	**188**	6.91%	0.00%	3.19%	3.72%	0.53%	17.02%	37.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.38%	0.00%	0.00%
				13:00 ~ 14:00	70	*69*	**259**	5.02%	0.00%	0.77%	4.25%	1.16%	13.13%	44.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.39%	31.27%	0.00%	0.00%
				14:00 ~ 15:00	70	*69*	**304**	1.64%	0.00%	0.00%	2.30%	0.00%	22.04%	42.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.25%	0.00%	0.00%
				15:00 ~ 16:00	70	*69*	**245**	1.22%	0.00%	0.00%	3.67%	4.49%	15.51%	41.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.47%	0.00%	0.00%
				16:00 ~ 17:00	70	*69*	**246**	1.22%	0.00%	0.81%	2.03%	2.03%	17.07%	44.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.11%	0.00%	0.00%
				17:00 ~ 18:00	70	*69*	**240**	3.75%	0.00%	0.00%	1.25%	5.42%	12.50%	43.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				18:00 ~ 19:00	70	*70*	**43**	9.30%	4.65%	0.00%	11.63%	4.65%	23.26%	25.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.93%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**212**	43.87%	7.55%	10.38%	1.89%	0.94%	4.25%	8.96%	0.00%	0.00%	0.00%	0.00%	1.42%	10.38%	0.00%	2.83%	2.83%	4.72%	0.00%	0.00%
				20:00 ~ 21:00	70	*70*	**103**	48.54%	8.74%	7.77%	0.97%	1.94%	6.80%	12.62%	0.00%	0.00%	0.00%	0.00%	0.00%	3.88%	0.00%	3.88%	1.94%	2.91%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**67**	49.25%	13.43%	5.97%	0.00%	1.49%	5.97%	7.46%	0.00%	0.00%	0.00%	0.00%	0.00%	1.49%	0.00%	5.97%	1.49%	7.46%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**36**	50.00%	19.44%	11.11%	0.00%	2.78%	2.78%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	2.78%	5.56%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**36**	27.78%	8.33%	8.33%	0.00%	2.78%	11.11%	19.44%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	2.78%	0.00%	16.67%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**5**	40.00%	0.00%	0.00%	20.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*42*	**38**	63.16%	7.89%	0.00%	7.89%	2.63%	0.00%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*40*	**49**	59.18%	8.16%	0.00%	12.24%	4.08%	4.08%	8.16%	0.00%	0.00%	0.00%	0.00%	0.00%	4.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*40*	**49**	53.06%	8.16%	4.08%	8.16%	4.08%	10.20%	2.04%	0.00%	0.00%	0.00%	0.00%	2.04%	6.12%	0.00%	0.00%	0.00%	2.04%	0.00%	0.00%
				10:00 ~ 11:00	50	*43*	**35**	34.29%	0.00%	11.43%	20.00%	0.00%	28.57%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*42*	**40**	20.00%	5.00%	10.00%	10.00%	5.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**26**	26.92%	3.85%	7.69%	15.38%	3.85%	19.23%	19.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%
				13:00 ~ 14:00	50	*44*	**31**	25.81%	3.23%	6.45%	9.68%	6.45%	19.35%	25.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%
				14:00 ~ 15:00	50	*42*	**42**	28.57%	0.00%	19.05%	0.00%	4.76%	4.76%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				15:00 ~ 16:00	50	*45*	**24**	8.33%	4.17%	4.17%	16.67%	8.33%	20.83%	29.17%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**22**	13.64%	0.00%	4.55%	9.09%	0.00%	40.91%	22.73%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**37**	5.41%	0.00%	10.81%	10.81%	5.41%	10.81%	51.35%	0.00%	0.00%	0.00%	0.00%	0.00%	5.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**12**	8.33%	0.00%	8.33%	8.33%	8.33%	8.33%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**8**	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**10**	40.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**15**	13.33%	26.67%	0.00%	0.00%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	6.67%	20.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**17**	29.41%	0.00%	29.41%	23.53%	0.00%	0.00%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**30**	46.67%	6.67%	13.33%	0.00%	0.00%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				12:00 ~ 13:00	50	*46*	**21**	23.81%	4.76%	9.52%	14.29%	4.76%	19.05%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				13:00 ~ 14:00	50	*45*	**26**	23.08%	3.85%	7.69%	7.69%	3.85%	19.23%	26.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				14:00 ~ 15:00	50	*44*	**32**	18.75%	0.00%	6.25%	6.25%	6.25%	18.75%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				15:00 ~ 16:00	50	*43*	**35**	28.57%	2.86%	8.57%	2.86%	2.86%	17.14%	25.71%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%	0.00%	8.57%	0.00%	0.00%
				16:00 ~ 17:00	50	*43*	**36**	36.11%	0.00%	8.33%	11.11%	2.78%	22.22%	13.89%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	0.00%	0.00%	2.78%	0.00%	0.00%
				17:00 ~ 18:00	50	*39*	**52**	23.08%	0.00%	3.85%	19.23%	3.85%	15.38%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**18**	22.22%	0.00%	5.56%	16.67%	5.56%	16.67%	27.78%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	N	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**4**	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*44*	**11**	45.45%	18.18%	27.27%	0.00%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**6**	50.00%	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				11:00 ~ 12:00	50	*48*	**4**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**3**	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**1**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**2**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**7**	57.14%	14.29%	14.29%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*46*	**8**	50.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**6**	50.00%	0.00%	16.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**4**	50.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**4**	25.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**14**	28.57%	0.00%	7.14%	21.43%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				07:00 ~ 08:00	50	*44*	**31**	35.48%	6.45%	3.23%	16.13%	6.45%	0.00%	19.35%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				08:00 ~ 09:00	50	*33*	**82**	43.90%	4.88%	2.44%	20.73%	6.10%	2.44%	8.54%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	2.44%	6.10%	0.00%	0.00%
				09:00 ~ 10:00	50	*34*	**79**	44.30%	7.59%	6.33%	13.92%	6.33%	6.33%	3.80%	0.00%	0.00%	0.00%	0.00%	1.27%	3.80%	0.00%	0.00%	1.27%	5.06%	0.00%	0.00%
				10:00 ~ 11:00	50	*38*	**60**	31.67%	1.67%	6.67%	25.00%	3.33%	16.67%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.00%	0.00%	3.33%	5.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*37*	**64**	23.44%	6.25%	6.25%	17.19%	6.25%	12.50%	9.38%	0.00%	0.00%	0.00%	0.00%	0.00%	9.38%	0.00%	0.00%	4.69%	4.69%	0.00%	0.00%
				12:00 ~ 13:00	50	*41*	**44**	22.73%	2.27%	2.27%	27.27%	4.55%	11.36%	11.36%	0.00%	0.00%	0.00%	0.00%	0.00%	6.82%	0.00%	0.00%	2.27%	9.09%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**60**	28.33%	1.67%	6.67%	23.33%	6.67%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	3.33%	10.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**55**	23.64%	0.00%	14.55%	9.09%	5.45%	3.64%	23.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.82%	18.18%	0.00%	0.00%
				15:00 ~ 16:00	50	*42*	**41**	17.07%	2.44%	2.44%	21.95%	9.76%	12.20%	21.95%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	2.44%	7.32%	0.00%	0.00%
				16:00 ~ 17:00	50	*42*	**41**	17.07%	0.00%	2.44%	19.51%	4.88%	21.95%	17.07%	0.00%	0.00%	0.00%	0.00%	0.00%	4.88%	0.00%	0.00%	2.44%	9.76%	0.00%	0.00%
				17:00 ~ 18:00	50	*40*	**51**	9.80%	0.00%	7.84%	15.69%	7.84%	7.84%	41.18%	0.00%	0.00%	0.00%	0.00%	0.00%	3.92%	0.00%	0.00%	1.96%	3.92%	0.00%	0.00%
				18:00 ~ 19:00	50	*44*	**32**	37.50%	0.00%	3.13%	18.75%	3.13%	3.13%	3.13%	0.00%	0.00%	0.00%	0.00%	6.25%	9.38%	0.00%	0.00%	9.38%	6.25%	0.00%	0.00%
				19:00 ~ 20:00	50	*47*	**17**	29.41%	0.00%	5.88%	17.65%	5.88%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**7**	28.57%	0.00%	14.29%	14.29%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	W	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*48*	**11**	36.36%	0.00%	0.00%	27.27%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				07:00 ~ 08:00	50	*47*	**17**	35.29%	11.76%	0.00%	29.41%	5.88%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				08:00 ~ 09:00	50	*44*	**28**	28.57%	14.29%	0.00%	21.43%	7.14%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	3.57%	10.71%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**36**	16.67%	16.67%	0.00%	19.44%	8.33%	2.78%	11.11%	0.00%	0.00%	0.00%	0.00%	2.78%	8.33%	0.00%	0.00%	2.78%	11.11%	0.00%	0.00%
				10:00 ~ 11:00	50	*41*	**43**	30.23%	2.33%	13.95%	25.58%	6.98%	0.00%	9.30%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	2.33%	6.98%	0.00%	0.00%
				11:00 ~ 12:00	50	*38*	**59**	40.68%	6.78%	10.17%	11.86%	3.39%	6.78%	3.39%	0.00%	0.00%	0.00%	0.00%	0.00%	6.78%	0.00%	0.00%	1.69%	8.47%	0.00%	0.00%
				12:00 ~ 13:00	50	*43*	**37**	29.73%	2.70%	0.00%	21.62%	8.11%	5.41%	10.81%	0.00%	0.00%	0.00%	0.00%	0.00%	8.11%	0.00%	0.00%	2.70%	10.81%	0.00%	0.00%
				13:00 ~ 14:00	50	*36*	**71**	28.17%	1.41%	0.00%	28.17%	5.63%	8.45%	8.45%	0.00%	0.00%	0.00%	0.00%	0.00%	4.23%	0.00%	0.00%	2.82%	12.68%	0.00%	0.00%
				14:00 ~ 15:00	50	*41*	**44**	20.45%	0.00%	4.55%	15.91%	6.82%	13.64%	20.45%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	13.64%	0.00%	0.00%
				15:00 ~ 16:00	50	*41*	**47**	27.66%	2.13%	6.38%	12.77%	4.26%	12.77%	21.28%	0.00%	0.00%	0.00%	0.00%	0.00%	2.13%	0.00%	0.00%	0.00%	10.64%	0.00%	0.00%
				16:00 ~ 17:00	50	*38*	**59**	28.81%	0.00%	8.47%	18.64%	5.08%	13.56%	11.86%	0.00%	0.00%	0.00%	0.00%	0.00%	3.39%	0.00%	0.00%	3.39%	6.78%	0.00%	0.00%
				17:00 ~ 18:00	50	*36*	**71**	23.94%	0.00%	2.82%	22.54%	5.63%	11.27%	25.35%	0.00%	0.00%	0.00%	0.00%	0.00%	2.82%	0.00%	0.00%	1.41%	4.23%	0.00%	0.00%
				18:00 ~ 19:00	50	*43*	**33**	42.42%	0.00%	0.00%	21.21%	3.03%	3.03%	9.09%	0.00%	0.00%	0.00%	0.00%	6.06%	9.09%	0.00%	0.00%	0.00%	6.06%	0.00%	0.00%
				19:00 ~ 20:00	50	*47*	**16**	31.25%	0.00%	0.00%	25.00%	6.25%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**7**	71.43%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*48*	**8**	37.50%	12.50%	0.00%	12.50%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	N	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**14**	28.57%	0.00%	7.14%	21.43%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**30**	26.67%	6.67%	6.67%	16.67%	6.67%	0.00%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%	3.33%	6.67%	0.00%	0.00%
				08:00 ~ 09:00	50	*44*	**77**	31.17%	6.49%	5.19%	19.48%	5.19%	5.19%	6.49%	0.00%	0.00%	0.00%	0.00%	1.30%	5.19%	0.00%	0.00%	3.90%	10.39%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**82**	43.90%	8.54%	7.32%	14.63%	3.66%	4.88%	6.10%	0.00%	0.00%	0.00%	0.00%	1.22%	3.66%	0.00%	0.00%	1.22%	4.88%	0.00%	0.00%
				10:00 ~ 11:00	50	*44*	**73**	27.40%	2.74%	8.22%	21.92%	4.11%	20.55%	5.48%	0.00%	0.00%	0.00%	0.00%	0.00%	2.74%	0.00%	0.00%	2.74%	4.11%	0.00%	0.00%
				11:00 ~ 12:00	50	*45*	**62**	19.35%	6.45%	6.45%	16.13%	6.45%	20.97%	11.29%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				12:00 ~ 13:00	50	*46*	**48**	18.75%	2.08%	2.08%	25.00%	4.17%	14.58%	10.42%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	2.08%	14.58%	0.00%	0.00%
				13:00 ~ 14:00	50	*45*	**64**	29.69%	3.13%	3.13%	21.88%	6.25%	10.94%	7.81%	0.00%	0.00%	0.00%	0.00%	0.00%	4.69%	0.00%	0.00%	3.13%	9.38%	0.00%	0.00%
				14:00 ~ 15:00	50	*46*	**51**	23.53%	1.96%	7.84%	13.73%	5.88%	17.65%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	1.96%	0.00%	0.00%	1.96%	13.73%	0.00%	0.00%
				15:00 ~ 16:00	50	*46*	**49**	18.37%	2.04%	2.04%	20.41%	8.16%	14.29%	20.41%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	0.00%	0.00%	2.04%	10.20%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**46**	15.22%	0.00%	4.35%	17.39%	8.70%	17.39%	19.57%	0.00%	0.00%	0.00%	0.00%	2.17%	4.35%	0.00%	0.00%	2.17%	8.70%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**44**	15.91%	4.55%	2.27%	13.64%	6.82%	4.55%	34.09%	0.00%	0.00%	0.00%	0.00%	2.27%	6.82%	0.00%	0.00%	2.27%	6.82%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**30**	36.67%	0.00%	3.33%	20.00%	3.33%	3.33%	3.33%	0.00%	0.00%	0.00%	0.00%	6.67%	10.00%	0.00%	0.00%	6.67%	6.67%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**17**	29.41%	0.00%	5.88%	17.65%	5.88%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**8**	25.00%	0.00%	12.50%	12.50%	0.00%	37.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**4**	0.00%	25.00%	0.00%	25.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	S	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**11**	36.36%	0.00%	0.00%	27.27%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**21**	23.81%	9.52%	0.00%	23.81%	9.52%	0.00%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				08:00 ~ 09:00	50	*47*	**40**	15.00%	12.50%	0.00%	20.00%	5.00%	5.00%	10.00%	0.00%	0.00%	0.00%	0.00%	2.50%	12.50%	0.00%	0.00%	2.50%	15.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**40**	20.00%	17.50%	0.00%	17.50%	7.50%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	0.00%	0.00%	2.50%	12.50%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**55**	23.64%	1.82%	0.00%	30.91%	7.27%	16.36%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	3.64%	0.00%	0.00%	1.82%	5.45%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**73**	35.62%	5.48%	1.37%	21.92%	4.11%	13.70%	6.85%	0.00%	0.00%	0.00%	0.00%	0.00%	2.74%	0.00%	0.00%	1.37%	6.85%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**57**	19.30%	1.75%	0.00%	28.07%	5.26%	19.30%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	1.75%	8.77%	0.00%	0.00%
				13:00 ~ 14:00	50	*44*	**76**	26.32%	2.63%	0.00%	30.26%	5.26%	9.21%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	3.95%	0.00%	0.00%	2.63%	11.84%	0.00%	0.00%
				14:00 ~ 15:00	50	*47*	**39**	12.82%	2.56%	0.00%	20.51%	5.13%	25.64%	15.38%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	12.82%	0.00%	0.00%
				15:00 ~ 16:00	50	*46*	**50**	26.00%	2.00%	0.00%	16.00%	10.00%	14.00%	18.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%	12.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*45*	**63**	26.98%	0.00%	1.59%	23.81%	4.76%	17.46%	12.70%	0.00%	0.00%	0.00%	0.00%	1.59%	1.59%	0.00%	0.00%	4.76%	4.76%	0.00%	0.00%
				17:00 ~ 18:00	50	*44*	**76**	26.32%	2.63%	1.32%	21.05%	5.26%	7.89%	19.74%	0.00%	0.00%	0.00%	0.00%	1.32%	6.58%	0.00%	0.00%	2.63%	5.26%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**35**	37.14%	0.00%	0.00%	25.71%	2.86%	5.71%	8.57%	0.00%	0.00%	0.00%	0.00%	5.71%	8.57%	0.00%	0.00%	0.00%	5.71%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**16**	31.25%	0.00%	0.00%	25.00%	6.25%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**7**	71.43%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**12**	25.00%	8.33%	0.00%	16.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	E	LD	00:00 ~ 01:00	70	70	18	38.89%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				01:00 ~ 02:00	70	70	12	41.67%	8.33%	0.00%	16.67%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	12	41.67%	8.33%	0.00%	16.67%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				05:00 ~ 06:00	70	70	18	38.89%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				06:00 ~ 07:00	70	70	83	36.14%	9.64%	1.20%	12.05%	3.61%	7.23%	10.84%	0.00%	0.00%	0.00%	0.00%	1.20%	3.61%	0.00%	1.20%	2.41%	10.84%	0.00%	0.00%
				07:00 ~ 08:00	70	69	195	32.82%	16.92%	0.00%	9.23%	0.51%	3.08%	3.59%	0.00%	0.00%	0.51%	0.00%	3.08%	18.46%	0.00%	1.03%	4.10%	6.67%	0.00%	0.00%
				08:00 ~ 09:00	70	68	328	20.43%	20.12%	2.44%	7.93%	1.22%	5.18%	14.33%	0.00%	0.00%	0.00%	0.00%	4.57%	9.15%	0.00%	2.44%	2.13%	10.06%	0.00%	0.00%
				09:00 ~ 10:00	70	69	298	18.79%	14.09%	2.01%	12.75%	3.69%	11.07%	16.11%	0.00%	0.00%	0.00%	0.00%	0.00%	1.01%	0.00%	1.68%	1.01%	17.79%	0.00%	0.00%
				10:00 ~ 11:00	70	68	370	23.78%	14.05%	1.35%	11.89%	2.97%	14.59%	12.43%	0.00%	0.27%	0.00%	0.00%	0.00%	0.27%	0.00%	1.08%	0.54%	16.76%	0.00%	0.00%
				11:00 ~ 12:00	70	68	451	33.04%	11.97%	0.22%	17.07%	2.00%	10.86%	9.31%	0.00%	0.00%	0.00%	0.00%	0.22%	0.22%	0.00%	1.55%	0.44%	13.08%	0.00%	0.00%
				12:00 ~ 13:00	70	68	331	31.12%	13.29%	1.51%	12.99%	3.63%	9.97%	12.39%	0.00%	0.00%	0.00%	0.00%	0.30%	0.60%	0.00%	2.11%	1.81%	10.27%	0.00%	0.00%
				13:00 ~ 14:00	70	68	411	26.52%	8.03%	1.22%	9.00%	4.14%	11.92%	18.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%	0.00%	1.46%	1.46%	17.03%	0.00%	0.00%
				14:00 ~ 15:00	70	69	239	27.62%	9.21%	1.26%	9.62%	2.09%	11.72%	18.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.26%	2.51%	15.90%	0.00%	0.00%
				15:00 ~ 16:00	70	68	311	36.66%	6.11%	0.64%	10.61%	3.54%	12.86%	15.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.61%	0.64%	12.22%	0.00%	0.00%
				16:00 ~ 17:00	70	68	390	36.92%	6.67%	1.03%	15.64%	3.59%	8.72%	12.56%	0.00%	0.00%	0.00%	0.00%	1.28%	0.51%	0.00%	1.28%	2.31%	9.49%	0.00%	0.00%
				17:00 ~ 18:00	70	67	619	56.54%	3.55%	0.97%	9.21%	1.29%	4.04%	3.39%	0.00%	0.00%	0.00%	0.00%	0.97%	8.40%	0.00%	1.94%	5.65%	4.04%	0.00%	0.00%
				18:00 ~ 19:00	70	68	363	53.72%	4.68%	0.55%	10.74%	0.83%	4.13%	6.89%	0.00%	0.00%	0.00%	0.00%	2.75%	5.51%	0.00%	1.38%	5.51%	3.31%	0.00%	0.00%
				19:00 ~ 20:00	70	69	243	56.38%	7.82%	0.82%	9.47%	0.41%	2.06%	4.53%	0.00%	0.00%	0.00%	0.00%	2.06%	8.23%	0.00%	1.65%	4.12%	2.47%	0.00%	0.00%
				20:00 ~ 21:00	70	69	105	48.57%	12.38%	1.90%	10.48%	2.86%	4.76%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	3.81%	0.00%	4.76%	1.90%	1.90%	0.00%	0.00%
				21:00 ~ 22:00	70	70	47	46.81%	21.28%	0.00%	10.64%	0.00%	4.26%	6.38%	0.00%	0.00%	0.00%	0.00%	0.00%	2.13%	0.00%	8.51%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	30	40.00%	20.00%	6.67%	10.00%	3.33%	0.00%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	3.33%	6.67%	0.00%	0.00%
				23:00 ~ 00:00	70	70	28	35.71%	10.71%	0.00%	10.71%	3.57%	7.14%	10.71%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	3.57%	3.57%	10.71%	0.00%	0.00%
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	W	LD	00:00 ~ 01:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				01:00 ~ 02:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				05:00 ~ 06:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				06:00 ~ 07:00	70	70	77	36.36%	10.39%	2.60%	10.39%	5.19%	6.49%	9.09%	0.00%	0.00%	0.00%	0.00%	1.30%	3.90%	0.00%	1.30%	1.30%	11.69%	0.00%	0.00%
				07:00 ~ 08:00	70	68	450	54.22%	8.89%	1.78%	5.78%	1.78%	0.89%	6.00%	0.00%	0.00%	0.67%	0.00%	1.78%	9.33%	0.00%	2.22%	3.78%	2.89%	0.00%	0.00%
				08:00 ~ 09:00	70	67	543	50.09%	10.31%	1.84%	8.10%	2.03%	4.60%	7.37%	0.00%	0.00%	0.00%	0.00%	1.29%	2.95%	0.00%	1.10%	2.21%	8.10%	0.00%	0.00%
				09:00 ~ 10:00	70	68	459	32.24%	12.42%	1.74%	13.94%	6.97%	6.75%	9.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	1.96%	13.51%	0.00%	0.00%
				10:00 ~ 11:00	70	68	398	27.64%	12.56%	1.51%	11.31%	8.79%	10.05%	9.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.76%	1.01%	15.58%	0.00%	0.00%
				11:00 ~ 12:00	70	68	348	25.29%	16.38%	3.74%	9.48%	5.75%	11.21%	13.22%	0.00%	0.00%	0.00%	0.00%	0.29%	0.57%	0.00%	1.72%	0.57%	11.78%	0.00%	0.00%
				12:00 ~ 13:00	70	68	324	29.94%	9.26%	2.16%	13.89%	4.63%	7.72%	13.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.54%	0.62%	16.67%	0.00%	0.00%
				13:00 ~ 14:00	70	68	346	32.08%	8.96%	1.73%	10.12%	6.65%	7.23%	15.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%	0.00%	1.45%	0.87%	15.03%	0.00%	0.00%
				14:00 ~ 15:00	70	68	307	25.41%	7.49%	3.26%	10.42%	6.51%	9.77%	18.24%	0.00%	0.00%	0.00%	0.00%	0.33%	0.33%	0.00%	1.63%	0.33%	16.29%	0.00%	0.00%
				15:00 ~ 16:00	70	69	256	24.22%	7.81%	0.78%	8.20%	10.94%	9.77%	17.58%	0.00%	0.00%	0.00%	0.00%	2.34%	0.78%	0.00%	1.95%	0.00%	15.63%	0.00%	0.00%
				16:00 ~ 17:00	70	69	269	24.91%	9.29%	1.12%	10.04%	4.09%	7.06%	12.27%	0.00%	0.00%	0.00%	0.00%	2.23%	10.41%	0.00%	2.23%	1.49%	14.87%	0.00%	0.00%
				17:00 ~ 18:00	70	69	253	22.13%	10.67%	1.98%	8.30%	6.72%	5.93%	8.30%	0.00%	0.00%	0.79%	0.00%	2.37%	14.62%	0.00%	2.77%	1.98%	13.44%	0.00%	0.00%
				18:00 ~ 19:00	70	69	174	41.38%	10.92%	4.60%	6.32%	4.60%	5.75%	10.34%	0.00%	0.00%	0.00%	0.00%	1.15%	2.87%	0.00%	2.30%	3.45%	6.32%	0.00%	0.00%
				19:00 ~ 20:00	70	69	166	43.37%	9.04%	4.22%	6.02%	3.01%	3.61%	4.82%	0.00%	0.00%	0.00%	0.00%	1.81%	12.65%	0.00%	4.22%	3.01%	4.22%	0.00%	0.00%
				20:00 ~ 21:00	70	70	98	63.27%	5.10%	1.02%	8.16%	4.08%	2.04%	5.10%	0.00%	0.00%	0.00%	0.00%	0.00%	3.06%	0.00%	4.08%	3.06%	1.02%	0.00%	0.00%
				21:00 ~ 22:00	70	70	77	61.04%	11.69%	2.60%	5.19%	2.60%	0.00%	2.60%	0.00%	0.00%	0.00%	0.00%	0.00%	1.30%	0.00%	5.19%	1.30%	6.49%	0.00%	0.00%
				22:00 ~ 23:00	70	70	44	59.09%	18.18%	0.00%	9.09%	6.82%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	2.27%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	26	34.62%	11.54%	3.85%	7.69%	3.85%	7.69%	11.54%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	3.85%	0.00%	11.54%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-12	Access Road To ECO Park From Lung Mun Road	N	LR	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**6**	33.33%	16.67%	0.00%	16.67%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**6**	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**13**	7.69%	38.46%	0.00%	0.00%	7.69%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	23.08%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**33**	12.12%	15.15%	0.00%	15.15%	3.03%	27.27%	21.21%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**38**	10.53%	5.26%	2.63%	13.16%	15.79%	28.95%	15.79%	0.00%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**33**	12.12%	6.06%	0.00%	15.15%	0.00%	42.42%	18.18%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**39**	41.03%	2.56%	0.00%	33.33%	0.00%	7.69%	5.13%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**31**	29.03%	0.00%	0.00%	9.68%	3.23%	38.71%	12.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.45%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**26**	11.54%	7.69%	0.00%	3.85%	3.85%	34.62%	26.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	7.69%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**30**	20.00%	6.67%	0.00%	16.67%	3.33%	30.00%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	6.67%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**38**	36.84%	0.00%	0.00%	13.16%	7.89%	10.53%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	2.63%	5.26%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**38**	36.84%	15.79%	0.00%	15.79%	5.26%	7.89%	15.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**39**	84.62%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.26%	0.00%	0.00%	2.56%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**7**	42.86%	0.00%	0.00%	28.57%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**4**	50.00%	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**3**	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-12	Access Road To ECO Park From Lung Mun Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**16**	68.75%	12.50%	6.25%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*47*	**40**	52.50%	15.00%	5.00%	2.50%	2.50%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	2.50%	5.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*46*	**47**	36.17%	10.64%	0.00%	10.64%	0.00%	23.40%	14.89%	0.00%	0.00%	0.00%	2.13%	0.00%	0.00%	0.00%	0.00%	2.13%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*48*	**28**	28.57%	3.57%	0.00%	7.14%	0.00%	39.29%	10.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	7.14%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**32**	9.38%	3.13%	0.00%	25.00%	0.00%	25.00%	28.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.38%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**25**	8.00%	4.00%	0.00%	44.00%	0.00%	32.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**37**	27.03%	0.00%	0.00%	16.22%	2.70%	29.73%	18.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.41%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**28**	17.86%	7.14%	0.00%	7.14%	7.14%	39.29%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**23**	13.04%	8.70%	0.00%	4.35%	13.04%	21.74%	34.78%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**27**	11.11%	0.00%	3.70%	22.22%	3.70%	11.11%	48.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**17**	5.88%	41.18%	0.00%	5.88%	0.00%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				18:00 ~ 19:00	50	*50*	**3**	66.67%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	E	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*50*	**2**	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**9**	22.22%	0.00%	22.22%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**8**	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**3**	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**5**	0.00%	0.00%	20.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**4**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**4**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**3**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*50*	**2**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**5**	0.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**7**	14.29%	0.00%	14.29%	0.00%	0.00%	28.57%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**6**	0.00%	0.00%	16.67%	0.00%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	16	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				01:00 ~ 02:00	70	70	10	40.00%	10.00%	0.00%	20.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	10	40.00%	10.00%	0.00%	20.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	16	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				06:00 ~ 07:00	70	70	71	36.62%	9.86%	1.41%	14.08%	4.23%	8.45%	9.86%	0.00%	0.00%	0.00%	0.00%	1.41%	2.82%	0.00%	1.41%	1.41%	8.45%	0.00%	0.00%
				07:00 ~ 08:00	70	69	167	32.93%	14.37%	0.00%	11.98%	1.80%	3.59%	2.99%	0.00%	0.00%	0.60%	0.00%	1.80%	19.16%	0.00%	1.20%	3.59%	5.99%	0.00%	0.00%
				08:00 ~ 09:00	70	69	280	25.00%	17.50%	3.93%	11.07%	0.71%	5.71%	11.43%	0.00%	0.00%	0.00%	0.00%	3.57%	10.00%	0.00%	2.50%	2.14%	6.43%	0.00%	0.00%
				09:00 ~ 10:00	70	69	262	20.23%	11.83%	1.15%	15.65%	4.20%	11.83%	14.89%	0.00%	0.00%	0.00%	0.00%	0.38%	1.15%	0.00%	1.91%	1.15%	15.65%	0.00%	0.00%
				10:00 ~ 11:00	70	68	322	27.64%	16.15%	1.55%	11.49%	3.11%	15.22%	9.63%	0.00%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	1.24%	0.62%	13.04%	0.00%	0.00%
				11:00 ~ 12:00	70	68	383	31.33%	13.32%	0.00%	19.32%	2.09%	10.97%	10.18%	0.00%	0.00%	0.00%	0.00%	0.26%	0.26%	0.00%	1.83%	0.52%	9.92%	0.00%	0.00%
				12:00 ~ 13:00	70	69	292	33.56%	14.73%	0.00%	14.38%	4.11%	10.62%	11.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%	0.00%	2.40%	1.71%	6.51%	0.00%	0.00%
				13:00 ~ 14:00	70	68	391	29.41%	7.67%	1.28%	11.51%	4.09%	12.53%	16.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.26%	0.00%	1.53%	1.53%	13.55%	0.00%	0.00%
				14:00 ~ 15:00	70	69	214	29.91%	9.35%	1.87%	11.21%	2.34%	11.68%	18.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.40%	1.87%	12.15%	0.00%	0.00%
				15:00 ~ 16:00	70	69	263	37.64%	4.18%	0.76%	11.41%	3.42%	14.83%	14.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.90%	0.76%	10.27%	0.00%	0.00%
				16:00 ~ 17:00	70	68	339	34.81%	6.19%	0.00%	18.88%	3.83%	9.44%	12.98%	0.00%	0.00%	0.00%	0.00%	0.59%	0.59%	0.00%	1.47%	2.06%	9.14%	0.00%	0.00%
				17:00 ~ 18:00	70	68	443	51.69%	3.16%	0.23%	10.84%	1.81%	5.64%	4.74%	0.00%	0.00%	0.00%	0.00%	0.68%	9.26%	0.00%	1.35%	5.42%	5.19%	0.00%	0.00%
				18:00 ~ 19:00	70	68	315	51.43%	5.08%	0.00%	11.43%	0.95%	4.76%	7.94%	0.00%	0.00%	0.00%	0.00%	2.86%	5.40%	0.00%	1.59%	5.08%	3.49%	0.00%	0.00%
				19:00 ~ 20:00	70	69	191	53.40%	6.28%	1.05%	11.52%	0.52%	2.62%	5.76%	0.00%	0.00%	0.00%	0.00%	1.05%	8.90%	0.00%	2.09%	4.19%	2.62%	0.00%	0.00%
				20:00 ~ 21:00	70	70	95	49.47%	11.58%	1.05%	11.58%	3.16%	5.26%	7.37%	0.00%	0.00%	0.00%	0.00%	0.00%	4.21%	0.00%	3.16%	1.05%	2.11%	0.00%	0.00%
				21:00 ~ 22:00	70	70	41	51.22%	17.07%	0.00%	9.76%	0.00%	4.88%	7.32%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	7.32%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	27	44.44%	18.52%	7.41%	7.41%	3.70%	0.00%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.41%	3.70%	3.70%	0.00%	0.00%
				23:00 ~ 00:00	70	70	21	38.10%	9.52%	0.00%	14.29%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	17	35.29%	11.76%	0.00%	11.76%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				01:00 ~ 02:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	33.33%	11.11%	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	17	35.29%	11.76%	0.00%	11.76%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				06:00 ~ 07:00	70	70	67	37.31%	10.45%	2.99%	11.94%	5.97%	5.97%	8.96%	0.00%	0.00%	0.00%	0.00%	0.00%	2.99%	0.00%	1.49%	1.49%	10.45%	0.00%	0.00%
				07:00 ~ 08:00	70	68	346	53.47%	8.38%	1.73%	5.20%	2.31%	0.87%	6.65%	0.00%	0.00%	0.87%	0.00%	1.16%	10.40%	0.00%	1.73%	4.34%	2.89%	0.00%	0.00%
				08:00 ~ 09:00	70	68	441	46.26%	9.52%	1.36%	11.11%	3.17%	5.22%	7.94%	0.00%	0.00%	0.00%	0.00%	1.13%	2.49%	0.00%	1.13%	1.81%	8.84%	0.00%	0.00%
				09:00 ~ 10:00	70	68	405	33.09%	11.36%	0.99%	15.31%	8.89%	5.93%	8.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.48%	1.73%	12.59%	0.00%	0.00%
				10:00 ~ 11:00	70	68	349	30.09%	14.33%	1.43%	12.32%	10.32%	9.17%	7.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.01%	1.15%	11.46%	0.00%	0.00%
				11:00 ~ 12:00	70	68	322	27.33%	17.39%	5.28%	10.87%	5.59%	12.11%	10.56%	0.00%	0.00%	0.00%	0.00%	0.31%	0.62%	0.00%	1.86%	0.62%	7.45%	0.00%	0.00%
				12:00 ~ 13:00	70	69	275	29.82%	10.55%	2.18%	14.18%	4.73%	8.36%	13.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.82%	0.36%	14.91%	0.00%	0.00%
				13:00 ~ 14:00	70	69	299	32.78%	9.36%	1.34%	11.04%	7.36%	6.35%	16.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.00%	1.67%	1.00%	12.71%	0.00%	0.00%
				14:00 ~ 15:00	70	69	271	26.20%	7.75%	3.69%	11.81%	7.75%	10.33%	16.97%	0.00%	0.00%	0.00%	0.00%	0.37%	0.37%	0.00%	1.85%	0.00%	12.92%	0.00%	0.00%
				15:00 ~ 16:00	70	69	217	26.27%	5.53%	1.38%	8.29%	11.52%	11.52%	18.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.46%	0.00%	2.30%	0.00%	14.29%	0.00%	0.00%
				16:00 ~ 17:00	70	69	228	27.63%	8.33%	4.82%	11.40%	4.39%	7.89%	9.21%	0.00%	0.00%	0.00%	0.00%	1.32%	7.46%	0.00%	2.63%	1.32%	13.60%	0.00%	0.00%
				17:00 ~ 18:00	70	69	244	23.77%	8.61%	2.46%	8.20%	6.56%	6.56%	8.61%	0.00%	0.00%	0.82%	0.00%	2.46%	16.39%	0.00%	2.46%	1.64%	11.48%	0.00%	0.00%
				18:00 ~ 19:00	70	69	163	41.10%	9.20%	4.91%	6.75%	5.52%	6.13%	9.82%	0.00%	0.00%	0.00%	0.00%	1.23%	3.68%	0.00%	1.84%	3.68%	6.13%	0.00%	0.00%
				19:00 ~ 20:00	70	69	144	46.53%	7.64%	4.86%	6.94%	4.17%	4.17%	5.56%	0.00%	0.00%	0.00%	0.00%	0.69%	10.42%	0.00%	4.17%	0.00%	4.86%	0.00%	0.00%
				20:00 ~ 21:00	70	70	96	63.54%	3.13%	1.04%	8.33%	4.17%	2.08%	5.21%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	4.17%	3.13%	1.04%	0.00%	0.00%
				21:00 ~ 22:00	70	70	71	66.20%	8.45%	2.82%	5.63%	1.41%	0.00%	2.82%	0.00%	0.00%	0.00%	0.00%	0.00%	1.41%	0.00%	4.23%	1.41%	5.63%	0.00%	0.00%
				22:00 ~ 23:00	70	70	41	60.98%	14.63%	0.00%	9.76%	7.32%	2.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	2.44%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	E	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**18**	33.33%	11.11%	5.56%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*40*	**51**	31.37%	19.61%	5.88%	7.84%	1.96%	0.00%	3.92%	0.00%	0.00%	0.00%	0.00%	3.92%	15.69%	0.00%	0.00%	3.92%	5.88%	0.00%	0.00%
				08:00 ~ 09:00	50	*32*	**87**	9.20%	21.84%	1.15%	13.79%	8.05%	3.45%	17.24%	0.00%	0.00%	0.00%	0.00%	3.45%	2.30%	0.00%	1.15%	1.15%	17.24%	0.00%	0.00%
				09:00 ~ 10:00	50	*35*	**75**	8.00%	16.00%	12.00%	21.33%	12.00%	2.67%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*35*	**76**	9.21%	1.32%	5.26%	19.74%	7.89%	10.53%	17.11%	0.00%	0.00%	0.00%	0.00%	0.00%	1.32%	0.00%	0.00%	0.00%	27.63%	0.00%	0.00%
				11:00 ~ 12:00	50	*30*	**118**	31.36%	2.54%	13.56%	16.10%	6.78%	7.63%	4.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.80%	0.00%	0.00%
				12:00 ~ 13:00	50	*35*	**73**	26.03%	6.85%	6.85%	19.18%	5.48%	5.48%	9.59%	0.00%	0.00%	0.00%	0.00%	0.00%	1.37%	0.00%	1.37%	1.37%	16.44%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**61**	11.48%	6.56%	4.92%	14.75%	8.20%	6.56%	16.39%	0.00%	0.00%	0.00%	0.00%	0.00%	1.64%	0.00%	1.64%	1.64%	26.23%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**54**	11.11%	3.70%	7.41%	14.81%	7.41%	11.11%	14.81%	0.00%	0.00%	0.00%	0.00%	1.85%	0.00%	0.00%	0.00%	3.70%	24.07%	0.00%	0.00%
				15:00 ~ 16:00	50	*34*	**77**	28.57%	7.79%	3.90%	20.78%	3.90%	2.60%	16.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.58%	0.00%	0.00%
				16:00 ~ 17:00	50	*34*	**80**	36.25%	6.25%	17.50%	13.75%	2.50%	1.25%	6.25%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	2.50%	7.50%	0.00%	0.00%
				17:00 ~ 18:00	50	*28*	**195**	61.03%	3.59%	3.08%	5.13%	0.51%	0.51%	1.03%	0.00%	0.00%	0.00%	0.00%	2.56%	12.82%	0.00%	3.08%	5.64%	1.03%	0.00%	0.00%
				18:00 ~ 19:00	50	*39*	**54**	61.11%	3.70%	5.56%	9.26%	1.85%	0.00%	1.85%	0.00%	0.00%	0.00%	0.00%	1.85%	7.41%	0.00%	0.00%	5.56%	1.85%	0.00%	0.00%
				19:00 ~ 20:00	50	*35*	**72**	56.94%	11.11%	1.39%	5.56%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	15.28%	0.00%	1.39%	2.78%	1.39%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**12**	33.33%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	25.00%	8.33%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	W	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*48*	**9**	33.33%	11.11%	11.11%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*32*	**88**	54.55%	11.36%	2.27%	7.95%	1.14%	1.14%	3.41%	0.00%	0.00%	0.00%	0.00%	3.41%	5.68%	0.00%	4.55%	2.27%	2.27%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**115**	63.48%	6.96%	4.35%	6.09%	0.00%	1.74%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.87%	3.48%	4.35%	0.00%	0.00%
				09:00 ~ 10:00	50	*36*	**69**	21.74%	15.94%	13.04%	17.39%	1.45%	7.25%	5.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.90%	14.49%	0.00%	0.00%
				10:00 ~ 11:00	50	*41*	**47**	12.77%	0.00%	6.38%	14.89%	4.26%	19.15%	14.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.66%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**30**	16.67%	6.67%	10.00%	3.33%	23.33%	6.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				12:00 ~ 13:00	50	*44*	**32**	12.50%	12.50%	6.25%	18.75%	6.25%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*42*	**39**	12.82%	7.69%	5.13%	12.82%	7.69%	7.69%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.21%	0.00%	0.00%
				14:00 ~ 15:00	50	*42*	**40**	17.50%	5.00%	0.00%	15.00%	2.50%	7.50%	12.50%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	0.00%	0.00%	2.50%	35.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*41*	**47**	17.02%	12.77%	0.00%	19.15%	8.51%	0.00%	14.89%	0.00%	0.00%	0.00%	0.00%	12.77%	2.13%	0.00%	0.00%	0.00%	12.77%	0.00%	0.00%
				16:00 ~ 17:00	50	*41*	**45**	20.00%	13.33%	0.00%	13.33%	4.44%	0.00%	15.56%	0.00%	0.00%	0.00%	0.00%	2.22%	13.33%	0.00%	0.00%	2.22%	15.56%	0.00%	0.00%
				17:00 ~ 18:00	50	*45*	**23**	8.70%	26.09%	0.00%	4.35%	4.35%	0.00%	8.70%	0.00%	0.00%	0.00%	0.00%	8.70%	0.00%	0.00%	4.35%	4.35%	30.43%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**12**	41.67%	25.00%	0.00%	8.33%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	8.33%	0.00%	0.00%
				19:00 ~ 20:00	50	*45*	**24**	29.17%	16.67%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	12.50%	0.00%	8.33%	16.67%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	N	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**5**	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**4**	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**7**	71.43%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**3**	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**4**	75.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**4**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**9**	66.67%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**13**	38.46%	7.69%	7.69%	15.38%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**14**	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**6**	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**9**	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	S	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				07:00 ~ 08:00	50	*46*	**18**	33.33%	11.11%	0.00%	5.56%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	5.56%	27.78%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**10**	0.00%	60.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*48*	**10**	40.00%	10.00%	0.00%	0.00%	0.00%	20.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**18**	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	27.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*45*	**26**	0.00%	0.00%	0.00%	23.08%	0.00%	0.00%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.15%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**9**	11.11%	11.11%	0.00%	11.11%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**13**	7.69%	7.69%	0.00%	7.69%	0.00%	7.69%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	38.46%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**12**	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**11**	27.27%	9.09%	9.09%	9.09%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**19**	5.26%	5.26%	5.26%	5.26%	0.00%	5.26%	21.05%	0.00%	0.00%	0.00%	0.00%	10.53%	31.58%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				17:00 ~ 18:00	50	*48*	**8**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**4**	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	N	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**18**	33.33%	11.11%	5.56%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*39*	**54**	31.48%	18.52%	5.56%	7.41%	1.85%	0.00%	3.70%	0.00%	0.00%	0.00%	0.00%	5.56%	16.67%	0.00%	0.00%	3.70%	5.56%	0.00%	0.00%
				08:00 ~ 09:00	50	*32*	**89**	8.99%	21.35%	1.12%	13.48%	7.87%	3.37%	16.85%	0.00%	0.00%	0.00%	0.00%	5.62%	2.25%	0.00%	1.12%	1.12%	16.85%	0.00%	0.00%
				09:00 ~ 10:00	50	*34*	**77**	9.09%	16.88%	11.69%	20.78%	11.69%	2.60%	11.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.58%	0.00%	0.00%
				10:00 ~ 11:00	50	*33*	**82**	13.41%	1.22%	4.88%	18.29%	7.32%	9.76%	18.29%	0.00%	0.00%	0.00%	0.00%	0.00%	1.22%	0.00%	0.00%	0.00%	25.61%	0.00%	0.00%
				11:00 ~ 12:00	50	*29*	**124**	33.06%	2.42%	12.90%	16.94%	6.45%	7.26%	4.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.94%	0.00%	0.00%
				12:00 ~ 13:00	50	*36*	**70**	20.00%	4.29%	17.14%	17.14%	2.86%	2.86%	11.43%	0.00%	0.00%	0.00%	0.00%	1.43%	0.00%	0.00%	0.00%	2.86%	20.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**58**	10.34%	6.90%	10.34%	15.52%	6.90%	0.00%	22.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.59%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**56**	14.29%	3.57%	7.14%	14.29%	7.14%	10.71%	14.29%	0.00%	0.00%	0.00%	0.00%	1.79%	0.00%	0.00%	0.00%	3.57%	23.21%	0.00%	0.00%
				15:00 ~ 16:00	50	*33*	**82**	31.71%	8.54%	3.66%	19.51%	3.66%	2.44%	15.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.63%	0.00%	0.00%
				16:00 ~ 17:00	50	*32*	**91**	36.26%	5.49%	16.48%	14.29%	2.20%	3.30%	5.49%	0.00%	0.00%	0.00%	0.00%	5.49%	2.20%	0.00%	0.00%	2.20%	6.59%	0.00%	0.00%
				17:00 ~ 18:00	50	*28*	**208**	61.54%	3.37%	2.88%	4.81%	0.48%	0.48%	0.96%	0.00%	0.00%	0.00%	0.00%	2.40%	13.94%	0.00%	2.88%	5.29%	0.96%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**58**	62.07%	3.45%	6.90%	8.62%	1.72%	0.00%	1.72%	0.00%	0.00%	0.00%	0.00%	1.72%	6.90%	0.00%	0.00%	5.17%	1.72%	0.00%	0.00%
				19:00 ~ 20:00	50	*34*	**78**	57.69%	10.26%	1.28%	5.13%	1.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	15.38%	0.00%	1.28%	2.56%	1.28%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**11**	36.36%	18.18%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	18.18%	9.09%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	S	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**13**	30.77%	7.69%	7.69%	7.69%	0.00%	7.69%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				07:00 ~ 08:00	50	*30*	**115**	54.78%	9.57%	2.61%	7.83%	0.87%	0.87%	3.48%	0.00%	0.00%	0.00%	0.00%	3.48%	8.70%	0.00%	3.48%	1.74%	2.61%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**123**	59.35%	11.38%	4.07%	4.88%	0.81%	1.63%	4.07%	0.00%	0.00%	0.00%	0.00%	1.63%	4.07%	0.00%	0.81%	3.25%	4.07%	0.00%	0.00%
				09:00 ~ 10:00	50	*34*	**80**	25.00%	15.00%	11.25%	15.00%	1.25%	8.75%	8.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	12.50%	0.00%	0.00%
				10:00 ~ 11:00	50	*37*	**65**	13.85%	0.00%	4.62%	10.77%	3.08%	13.85%	18.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	35.38%	0.00%	0.00%
				11:00 ~ 12:00	50	*39*	**56**	8.93%	3.57%	5.36%	12.50%	12.50%	3.57%	23.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.36%	0.00%	0.00%
				12:00 ~ 13:00	50	*36*	**67**	31.34%	2.99%	7.46%	16.42%	4.48%	2.99%	11.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.99%	19.40%	0.00%	0.00%
				13:00 ~ 14:00	50	*37*	**64**	29.69%	6.25%	6.25%	14.06%	4.69%	7.81%	9.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.88%	0.00%	0.00%
				14:00 ~ 15:00	50	*40*	**51**	17.65%	3.92%	3.92%	9.80%	1.96%	5.88%	21.57%	0.00%	0.00%	0.00%	0.00%	1.96%	0.00%	0.00%	0.00%	1.96%	31.37%	0.00%	0.00%
				15:00 ~ 16:00	50	*39*	**54**	16.67%	12.96%	0.00%	16.67%	7.41%	1.85%	14.81%	0.00%	0.00%	0.00%	0.00%	11.11%	1.85%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				16:00 ~ 17:00	50	*37*	**62**	14.52%	9.68%	1.61%	11.29%	3.23%	1.61%	17.74%	0.00%	0.00%	0.00%	0.00%	4.84%	19.35%	0.00%	0.00%	1.61%	14.52%	0.00%	0.00%
				17:00 ~ 18:00	50	*44*	**30**	6.67%	20.00%	0.00%	3.33%	3.33%	0.00%	6.67%	0.00%	0.00%	0.00%	0.00%	3.33%	26.67%	0.00%	3.33%	3.33%	23.33%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**16**	37.50%	25.00%	0.00%	6.25%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	6.25%	0.00%	6.25%	0.00%	0.00%
				19:00 ~ 20:00	50	*44*	**32**	28.13%	15.63%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	21.88%	0.00%	6.25%	15.63%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	35	28.57%	5.71%	2.86%	5.71%	2.86%	8.57%	17.14%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%	2.86%	22.86%	0.00%	0.00%
				01:00 ~ 02:00	70	70	22	27.27%	4.55%	4.55%	4.55%	4.55%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				02:00 ~ 03:00	70	70	14	28.57%	7.14%	0.00%	7.14%	0.00%	7.14%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%
				03:00 ~ 04:00	70	70	17	29.41%	5.88%	5.88%	5.88%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%
				04:00 ~ 05:00	70	70	22	27.27%	4.55%	4.55%	4.55%	4.55%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				05:00 ~ 06:00	70	70	34	26.47%	5.88%	2.94%	5.88%	2.94%	8.82%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%	2.94%	23.53%	0.00%	0.00%
				06:00 ~ 07:00	70	69	133	27.07%	6.02%	3.01%	5.26%	2.26%	9.02%	18.80%	0.00%	0.00%	0.00%	0.00%	0.75%	2.26%	0.00%	0.75%	1.50%	23.31%	0.00%	0.00%
				07:00 ~ 08:00	70	68	421	43.47%	9.03%	3.09%	4.04%	0.95%	2.14%	10.69%	0.00%	0.00%	0.00%	0.00%	1.19%	8.55%	0.00%	1.43%	3.80%	11.64%	0.00%	0.00%
				08:00 ~ 09:00	70	67	613	16.31%	12.40%	3.10%	5.55%	1.79%	9.14%	18.76%	0.00%	0.00%	0.33%	0.00%	0.00%	3.43%	0.00%	0.65%	0.98%	27.57%	0.00%	0.00%
				09:00 ~ 10:00	70	67	550	9.64%	10.36%	3.09%	6.18%	3.09%	7.82%	21.64%	0.00%	0.00%	0.00%	0.00%	0.18%	0.18%	0.00%	0.55%	0.36%	36.91%	0.00%	0.00%
				10:00 ~ 11:00	70	67	646	15.94%	7.28%	3.10%	4.80%	5.57%	10.99%	20.43%	0.00%	0.00%	0.00%	0.15%	0.00%	0.46%	0.00%	0.62%	0.15%	30.50%	0.00%	0.00%
				11:00 ~ 12:00	70	66	756	23.02%	6.61%	3.70%	7.41%	3.04%	11.51%	15.87%	0.00%	0.00%	0.00%	0.00%	0.13%	0.26%	0.00%	1.06%	0.13%	27.25%	0.00%	0.00%
				12:00 ~ 13:00	70	67	567	24.16%	8.82%	2.65%	6.53%	3.53%	9.52%	19.22%	0.00%	0.00%	0.00%	0.00%	0.18%	0.88%	0.00%	1.06%	1.06%	22.40%	0.00%	0.00%
				13:00 ~ 14:00	70	67	613	20.39%	5.55%	3.10%	4.24%	2.77%	9.79%	21.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.00%	0.65%	0.98%	30.34%	0.00%	0.00%
				14:00 ~ 15:00	70	67	554	13.72%	3.61%	3.43%	2.53%	1.44%	13.00%	28.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%	0.72%	0.72%	32.13%	0.00%	0.00%
				15:00 ~ 16:00	70	67	603	23.55%	3.81%	1.49%	4.15%	1.82%	14.10%	21.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.17%	0.00%	0.83%	0.33%	28.52%	0.00%	0.00%
				16:00 ~ 17:00	70	67	647	25.97%	4.33%	5.56%	5.72%	2.63%	9.27%	18.39%	0.00%	0.00%	0.00%	0.00%	0.62%	0.46%	0.00%	0.77%	1.24%	25.04%	0.00%	0.00%
				17:00 ~ 18:00	70	66	902	45.23%	3.22%	3.88%	6.76%	2.66%	4.99%	11.42%	0.00%	0.00%	0.00%	0.00%	0.89%	5.65%	0.00%	1.44%	4.10%	9.76%	0.00%	0.00%
				18:00 ~ 19:00	70	68	341	44.57%	4.11%	3.52%	8.80%	1.17%	6.16%	11.73%	0.00%	0.00%	0.00%	0.00%	2.93%	3.81%	0.00%	1.76%	4.40%	7.04%	0.00%	0.00%
				19:00 ~ 20:00	70	69	247	61.94%	7.69%	1.21%	3.24%	0.00%	4.05%	3.64%	0.00%	0.00%	0.00%	0.00%	2.02%	8.91%	0.00%	1.62%	4.05%	1.62%	0.00%	0.00%
				20:00 ~ 21:00	70	69	119	59.66%	10.92%	0.00%	4.20%	0.00%	8.40%	5.04%	0.00%	0.00%	0.00%	0.00%	0.00%	5.04%	0.00%	4.20%	1.68%	0.84%	0.00%	0.00%
				21:00 ~ 22:00	70	70	52	59.62%	11.54%	0.00%	5.77%	0.00%	9.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.92%	0.00%	7.69%	3.85%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	40	60.00%	10.00%	5.00%	2.50%	2.50%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	10.00%	2.50%	0.00%	0.00%
				23:00 ~ 00:00	70	70	28	53.57%	10.71%	7.14%	7.14%	3.57%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	3.57%	3.57%	3.57%	0.00%	0.00%
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	30	23.33%	6.67%	6.67%	0.00%	3.33%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				01:00 ~ 02:00	70	70	19	26.32%	5.26%	5.26%	0.00%	0.00%	10.53%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%
				02:00 ~ 03:00	70	70	12	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	15	26.67%	6.67%	6.67%	0.00%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				04:00 ~ 05:00	70	70	19	26.32%	5.26%	5.26%	0.00%	0.00%	10.53%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%
				05:00 ~ 06:00	70	70	30	23.33%	6.67%	6.67%	0.00%	3.33%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				06:00 ~ 07:00	70	69	118	23.73%	6.78%	6.78%	1.69%	1.69%	9.32%	19.49%	0.00%	0.00%	0.00%	0.00%	0.85%	2.54%	0.00%	0.85%	0.85%	25.42%	0.00%	0.00%
				07:00 ~ 08:00	70	68	371	38.27%	9.97%	6.74%	1.89%	1.08%	2.43%	11.32%	0.00%	0.00%	0.00%	0.00%	1.62%	9.97%	0.00%	1.62%	2.43%	12.67%	0.00%	0.00%
				08:00 ~ 09:00	70	67	586	21.50%	4.10%	1.37%	2.05%	0.85%	8.53%	24.40%	0.00%	0.00%	0.00%	0.00%	0.34%	1.37%	0.00%	0.51%	1.19%	33.79%	0.00%	0.00%
				09:00 ~ 10:00	70	68	437	5.03%	0.46%	0.00%	1.37%	0.23%	11.21%	36.84%	0.00%	0.00%	0.00%	0.00%	0.23%	0.00%	0.00%	0.00%	0.00%	44.62%	0.00%	0.00%
				10:00 ~ 11:00	70	68	412	1.46%	0.00%	0.49%	2.18%	1.94%	13.59%	33.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.09%	0.00%	0.00%
				11:00 ~ 12:00	70	68	428	2.80%	0.00%	0.70%	2.57%	2.10%	10.28%	35.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	45.79%	0.00%	0.00%
				12:00 ~ 13:00	70	69	296	7.09%	0.00%	3.04%	2.36%	0.34%	12.50%	30.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.26%	0.00%	0.00%
				13:00 ~ 14:00	70	68	377	4.51%	0.00%	0.53%	3.45%	1.06%	9.02%	36.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.27%	44.83%	0.00%	0.00%
				14:00 ~ 15:00	70	68	417	2.40%	0.00%	0.00%	1.68%	0.00%	16.55%	35.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.36%	0.00%	0.00%
				15:00 ~ 16:00	70	68	359	1.39%	0.00%	0.00%	2.51%	3.06%	11.70%	34.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.80%	0.00%	0.00%
				16:00 ~ 17:00	70	68	350	1.14%	0.29%	1.14%	1.71%	1.43%	12.57%	37.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.00%	0.00%	0.00%
				17:00 ~ 18:00	70	69	282	3.55%	0.00%	0.00%	1.06%	4.61%	10.64%	40.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.07%	0.00%	0.00%
				18:00 ~ 19:00	70	70	44	9.09%	4.55%	0.00%	11.36%	4.55%	22.73%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				19:00 ~ 20:00	70	69	142	46.48%	9.15%	5.63%	4.93%	0.00%	8.45%	6.34%	0.00%	0.00%	0.00%	0.00%	2.82%	9.15%	0.00%	3.52%	2.82%	0.70%	0.00%	0.00%
				20:00 ~ 21:00	70	69	114	57.02%	10.53%	4.39%	2.63%	0.00%	7.02%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	3.51%	0.00%	3.51%	5.26%	0.88%	0.00%	0.00%
				21:00 ~ 22:00	70	70	85	63.53%	10.59%	2.35%	5.88%	0.00%	7.06%	1.18%	0.00%	0.00%	0.00%	0.00%	0.00%	1.18%	0.00%	4.71%	1.18%	2.35%	0.00%	0.00%
				22:00 ~ 23:00	70	70	44	65.91%	13.64%	4.55%	2.27%	0.00%	6.82%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	2.27%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	24	50.00%	12.50%	12.50%	4.17%	4.17%	4.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	4.17%	0.00%	4.17%	0.00%	0.00%

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R01	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R02	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R03	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R04	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R05	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R06	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	135
				09:00 ~ 10:00	10	*10*	**164**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	0	12	0	135
				10:00 ~ 11:00	10	*10*	**161**	0	0	0	0	0	6	11	0	0	0	0	0	0	0	0	0	9	0	135
				11:00 ~ 12:00	10	*10*	**160**	0	0	0	0	0	5	11	0	0	0	0	0	0	0	0	0	9	0	135
				12:00 ~ 13:00	10	*10*	**154**	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	0	7	0	135
				13:00 ~ 14:00	10	*10*	**157**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	0	8	0	135
				14:00 ~ 15:00	10	*10*	**164**	0	0	0	0	0	6	14	0	0	0	0	0	0	0	0	0	9	0	135
				15:00 ~ 16:00	10	*10*	**162**	0	0	0	0	0	6	12	0	0	0	0	0	0	0	0	0	9	0	135
				16:00 ~ 17:00	10	*10*	**156**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	0	7	0	135
				17:00 ~ 18:00	10	*10*	**162**	0	0	0	0	0	5	13	0	0	0	0	0	0	0	0	0	9	0	135
				18:00 ~ 19:00	10	*10*	**141**	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R07	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**141**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	2	0	135
				09:00 ~ 10:00	10	*10*	**150**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	6	0	135
				10:00 ~ 11:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				11:00 ~ 12:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				12:00 ~ 13:00	10	*10*	**145**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	4	0	135
				13:00 ~ 14:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	135
				14:00 ~ 15:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	135
				15:00 ~ 16:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				16:00 ~ 17:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	135
				17:00 ~ 18:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	135
				18:00 ~ 19:00	10	*10*	**138**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R09	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**6**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	2	0	0
				09:00 ~ 10:00	10	*10*	**15**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	6	0	0
				10:00 ~ 11:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				11:00 ~ 12:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				12:00 ~ 13:00	10	*10*	**10**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	4	0	0
				13:00 ~ 14:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	0
				14:00 ~ 15:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	5	0	0
				15:00 ~ 16:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				16:00 ~ 17:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	0
				17:00 ~ 18:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	5	0	0
				18:00 ~ 19:00	10	*10*	**3**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R10	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**234**	0	0	0	0	0	20	43	0	0	0	0	0	0	0	0	0	36	0	0	135
				09:00 ~ 10:00	10	*10*	**390**	0	0	0	0	0	36	114	0	0	0	0	0	0	0	0	0	105	0	0	135
				10:00 ~ 11:00	10	*10*	**362**	0	0	0	0	0	50	100	0	0	0	0	0	0	0	0	0	77	0	0	135
				11:00 ~ 12:00	10	*10*	**355**	0	0	0	0	0	41	95	0	0	0	0	0	0	0	0	0	84	0	0	135
				12:00 ~ 13:00	10	*10*	**314**	0	0	0	0	0	38	74	0	0	0	0	0	0	0	0	0	67	0	0	135
				13:00 ~ 14:00	10	*10*	**328**	0	0	0	0	0	36	89	0	0	0	0	0	0	0	0	0	68	0	0	135
				14:00 ~ 15:00	10	*10*	**399**	0	0	0	0	0	56	128	0	0	0	0	0	0	0	0	0	80	0	0	135
				15:00 ~ 16:00	10	*10*	**366**	0	0	0	0	0	50	104	0	0	0	0	0	0	0	0	0	77	0	0	135
				16:00 ~ 17:00	10	*10*	**335**	0	0	0	0	0	39	94	0	0	0	0	0	0	0	0	0	67	0	0	135
				17:00 ~ 18:00	10	*10*	**382**	0	0	0	0	0	47	121	0	0	0	0	0	0	0	0	0	79	0	0	135
				18:00 ~ 19:00	10	*10*	**180**	0	0	0	0	0	16	15	0	0	0	0	0	0	0	0	0	14	0	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R11	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				01:00 ~ 02:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				02:00 ~ 03:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				03:00 ~ 04:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				04:00 ~ 05:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				05:00 ~ 06:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				06:00 ~ 07:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				07:00 ~ 08:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				08:00 ~ 09:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				09:00 ~ 10:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				10:00 ~ 11:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				11:00 ~ 12:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				12:00 ~ 13:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				13:00 ~ 14:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				14:00 ~ 15:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				15:00 ~ 16:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				16:00 ~ 17:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				17:00 ~ 18:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				18:00 ~ 19:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				19:00 ~ 20:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				20:00 ~ 21:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				21:00 ~ 22:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				22:00 ~ 23:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				23:00 ~ 00:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R13	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R14	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R15	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
R17	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R19	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R21	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				08:00 ~ 09:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				09:00 ~ 10:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				10:00 ~ 11:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				11:00 ~ 12:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				12:00 ~ 13:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				13:00 ~ 14:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				14:00 ~ 15:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				15:00 ~ 16:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				16:00 ~ 17:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				17:00 ~ 18:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				18:00 ~ 19:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				19:00 ~ 20:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				20:00 ~ 21:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				21:00 ~ 22:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				22:00 ~ 23:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R22	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				08:00 ~ 09:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				09:00 ~ 10:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				10:00 ~ 11:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				11:00 ~ 12:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				12:00 ~ 13:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				13:00 ~ 14:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				14:00 ~ 15:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				15:00 ~ 16:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				16:00 ~ 17:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				17:00 ~ 18:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				18:00 ~ 19:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				19:00 ~ 20:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				20:00 ~ 21:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				21:00 ~ 22:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				22:00 ~ 23:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
R25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D1 - Traffic Flow (Year 2024)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-2	Access Road To River Trade Terminal From Lung Mun Road	N	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*30*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**34**	29.41%	2.94%	2.94%	2.94%	0.00%	0.00%	14.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.06%	0.00%	0.00%
				07:00 ~ 08:00	30	*29*	**104**	26.92%	3.85%	3.85%	1.92%	0.00%	0.00%	16.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.12%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**119**	13.45%	5.04%	0.00%	0.84%	0.00%	0.00%	15.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.71%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**151**	5.30%	1.32%	0.00%	0.00%	0.00%	6.62%	21.19%	0.00%	0.00%	0.00%	0.00%	0.66%	0.00%	0.00%	0.00%	0.00%	64.90%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**161**	1.24%	0.00%	0.00%	1.86%	0.00%	3.11%	19.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.91%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**149**	1.34%	0.00%	2.01%	1.34%	0.67%	6.71%	24.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	63.76%	0.00%	0.00%
				12:00 ~ 13:00	30	*29*	**112**	7.14%	0.00%	2.68%	0.89%	0.00%	3.57%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.96%	0.00%	0.00%
				13:00 ~ 14:00	30	*30*	**126**	4.76%	0.79%	0.00%	1.59%	0.79%	0.79%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.22%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**122**	4.10%	0.00%	0.00%	0.00%	0.00%	2.46%	13.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.51%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**123**	1.63%	0.00%	0.00%	0.00%	0.00%	4.07%	21.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.17%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**112**	1.79%	0.89%	1.79%	1.79%	0.00%	1.79%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.54%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**45**	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	17.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-2	Access Road To River Trade Terminal From Lung Mun Road	S	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**3**	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				07:00 ~ 08:00	30	*30*	**10**	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**117**	1.71%	5.13%	0.00%	0.85%	0.00%	0.85%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.50%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**132**	2.27%	1.52%	0.00%	0.00%	0.76%	1.52%	21.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.97%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**140**	2.86%	0.00%	1.43%	2.14%	0.00%	5.00%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	67.14%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**172**	6.98%	0.00%	1.74%	1.74%	0.00%	7.56%	19.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.79%	0.00%	0.00%
				12:00 ~ 13:00	30	*30*	**84**	4.76%	0.00%	2.38%	1.19%	1.19%	13.10%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.71%	0.00%	0.00%
				13:00 ~ 14:00	30	*29*	**142**	4.93%	0.70%	0.70%	0.70%	0.00%	2.82%	20.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.00%	69.01%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**135**	2.22%	0.00%	0.00%	0.74%	0.00%	3.70%	18.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	74.81%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**126**	4.76%	0.00%	0.00%	0.00%	0.00%	2.38%	20.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.22%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**133**	9.77%	0.75%	0.00%	0.75%	0.00%	1.50%	15.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.18%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**85**	16.47%	0.00%	0.00%	2.35%	0.00%	0.00%	16.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.71%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**26**	73.08%	0.00%	3.85%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.23%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	E	LD	00:00 ~ 01:00	70	70	29	31.03%	6.90%	3.45%	6.90%	3.45%	10.34%	17.24%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	0.00%	3.45%	13.79%	0.00%	0.00%
				01:00 ~ 02:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				02:00 ~ 03:00	70	70	11	36.36%	9.09%	0.00%	9.09%	0.00%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%
				03:00 ~ 04:00	70	70	15	33.33%	6.67%	6.67%	6.67%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				04:00 ~ 05:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	70	28	28.57%	7.14%	3.57%	7.14%	3.57%	10.71%	17.86%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	3.57%	14.29%	0.00%	0.00%
				06:00 ~ 07:00	70	69	114	29.82%	7.02%	3.51%	7.02%	2.63%	10.53%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.88%	1.75%	15.79%	0.00%	0.00%
				07:00 ~ 08:00	70	69	268	34.70%	13.06%	0.00%	8.96%	0.37%	8.58%	6.34%	0.00%	0.00%	0.00%	0.00%	0.00%	8.21%	0.00%	0.37%	2.61%	16.79%	0.00%	0.00%
				08:00 ~ 09:00	70	67	518	19.69%	13.90%	3.67%	6.95%	2.51%	11.00%	18.53%	0.00%	0.00%	0.39%	0.00%	0.00%	4.05%	0.00%	0.77%	1.16%	17.37%	0.00%	0.00%
				09:00 ~ 10:00	70	68	435	12.18%	12.87%	4.14%	8.05%	4.14%	9.43%	21.61%	0.00%	0.00%	0.00%	0.00%	0.23%	0.23%	0.00%	0.69%	0.46%	25.98%	0.00%	0.00%
				10:00 ~ 11:00	70	67	529	19.28%	9.26%	3.40%	5.48%	7.18%	12.48%	20.04%	0.00%	0.00%	0.00%	0.19%	0.00%	0.57%	0.00%	0.76%	0.19%	21.17%	0.00%	0.00%
				11:00 ~ 12:00	70	67	611	27.50%	8.51%	4.09%	9.33%	4.09%	12.60%	15.06%	0.00%	0.00%	0.00%	0.00%	0.16%	0.33%	0.00%	1.31%	0.16%	16.86%	0.00%	0.00%
				12:00 ~ 13:00	70	68	502	27.29%	10.36%	2.79%	7.77%	3.98%	8.76%	19.52%	0.00%	0.00%	0.00%	0.00%	0.20%	1.00%	0.00%	1.20%	1.20%	15.94%	0.00%	0.00%
				13:00 ~ 14:00	70	68	498	24.90%	7.03%	3.61%	5.62%	3.82%	11.65%	21.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.40%	0.00%	0.80%	1.41%	18.88%	0.00%	0.00%
				14:00 ~ 15:00	70	68	442	17.19%	4.52%	4.30%	3.39%	2.04%	15.84%	30.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%	0.00%	0.90%	0.90%	19.91%	0.00%	0.00%
				15:00 ~ 16:00	70	68	497	27.97%	4.63%	1.81%	5.23%	2.62%	16.90%	21.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.20%	0.00%	1.01%	0.40%	17.51%	0.00%	0.00%
				16:00 ~ 17:00	70	67	536	30.22%	5.22%	6.90%	7.28%	3.36%	11.01%	19.03%	0.00%	0.00%	0.00%	0.00%	0.75%	0.56%	0.00%	0.93%	1.49%	13.25%	0.00%	0.00%
				17:00 ~ 18:00	70	66	847	47.93%	3.54%	4.25%	7.20%	3.07%	5.31%	10.86%	0.00%	0.00%	0.00%	0.00%	0.94%	6.26%	0.00%	1.65%	4.49%	4.49%	0.00%	0.00%
				18:00 ~ 19:00	70	68	329	41.95%	4.56%	3.65%	8.81%	1.52%	6.69%	12.77%	0.00%	0.00%	0.00%	0.00%	3.34%	4.26%	0.00%	1.82%	4.86%	5.78%	0.00%	0.00%
				19:00 ~ 20:00	70	69	256	48.44%	7.03%	4.69%	5.47%	1.17%	4.30%	8.20%	0.00%	0.00%	0.00%	0.00%	1.17%	7.81%	0.00%	2.34%	4.30%	5.08%	0.00%	0.00%
				20:00 ~ 21:00	70	69	125	52.80%	8.00%	3.20%	4.80%	2.40%	5.60%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.20%	0.00%	3.20%	2.40%	2.40%	0.00%	0.00%
				21:00 ~ 22:00	70	70	79	51.90%	12.66%	2.53%	2.53%	1.27%	6.33%	7.59%	0.00%	0.00%	0.00%	0.00%	0.00%	1.27%	0.00%	5.06%	2.53%	6.33%	0.00%	0.00%
				22:00 ~ 23:00	70	70	42	54.76%	16.67%	4.76%	4.76%	4.76%	2.38%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	2.38%	4.76%	0.00%	0.00%
				23:00 ~ 00:00	70	70	39	33.33%	7.69%	2.56%	5.13%	2.56%	10.26%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	2.56%	15.38%	0.00%	0.00%
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	W	LD	00:00 ~ 01:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				01:00 ~ 02:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				02:00 ~ 03:00	70	70	10	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	13	30.77%	7.69%	7.69%	0.00%	0.00%	15.38%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				04:00 ~ 05:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				05:00 ~ 06:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				06:00 ~ 07:00	70	69	104	27.88%	7.69%	7.69%	2.88%	1.92%	10.58%	19.23%	0.00%	0.00%	0.00%	0.00%	0.96%	2.88%	0.00%	0.96%	0.96%	16.35%	0.00%	0.00%
				07:00 ~ 08:00	70	68	407	44.23%	5.65%	2.70%	2.21%	0.98%	1.72%	17.94%	0.00%	0.00%	0.00%	0.00%	0.98%	8.11%	0.00%	2.70%	4.18%	8.60%	0.00%	0.00%
				08:00 ~ 09:00	70	68	487	24.02%	3.70%	1.64%	2.67%	1.23%	9.86%	26.49%	0.00%	0.00%	0.00%	0.00%	0.41%	1.64%	0.00%	0.62%	1.44%	26.28%	0.00%	0.00%
				09:00 ~ 10:00	70	68	304	5.59%	0.00%	0.33%	2.30%	0.66%	14.47%	43.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.55%	0.00%	0.00%
				10:00 ~ 11:00	70	69	268	1.87%	0.00%	0.75%	2.61%	3.36%	20.15%	39.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.34%	0.00%	0.00%
				11:00 ~ 12:00	70	69	294	4.08%	0.00%	0.00%	3.40%	3.06%	11.22%	42.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36.05%	0.00%	0.00%
				12:00 ~ 13:00	70	69	196	7.65%	0.00%	3.06%	4.08%	0.51%	17.35%	36.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.61%	0.00%	0.00%
				13:00 ~ 14:00	70	69	267	5.99%	0.00%	0.75%	4.87%	1.12%	13.11%	42.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.37%	31.09%	0.00%	0.00%
				14:00 ~ 15:00	70	68	313	1.60%	0.00%	0.00%	2.24%	0.32%	22.36%	42.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.99%	0.00%	0.00%
				15:00 ~ 16:00	70	69	247	1.21%	0.00%	0.00%	4.05%	4.45%	14.98%	41.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.01%	0.00%	0.00%
				16:00 ~ 17:00	70	69	249	1.61%	0.00%	0.80%	2.41%	2.01%	16.06%	44.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.13%	0.00%	0.00%
				17:00 ~ 18:00	70	69	244	4.51%	0.00%	0.00%	1.23%	5.33%	13.93%	42.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.38%	0.00%	0.00%
				18:00 ~ 19:00	70	70	48	12.50%	4.17%	0.00%	12.50%	6.25%	20.83%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				19:00 ~ 20:00	70	69	211	41.23%	8.06%	10.43%	2.37%	0.95%	4.74%	9.00%	0.00%	0.00%	0.00%	0.00%	1.42%	10.43%	0.00%	2.84%	2.84%	5.69%	0.00%	0.00%
				20:00 ~ 21:00	70	69	108	48.15%	9.26%	7.41%	1.85%	1.85%	6.48%	12.96%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	3.70%	1.85%	2.78%	0.00%	0.00%
				21:00 ~ 22:00	70	70	69	49.28%	14.49%	5.80%	0.00%	1.45%	5.80%	7.25%	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	5.80%	1.45%	7.25%	0.00%	0.00%
				22:00 ~ 23:00	70	70	37	51.35%	18.92%	10.81%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	2.70%	5.41%	0.00%	0.00%
				23:00 ~ 00:00	70	70	37	29.73%	8.11%	8.11%	0.00%	2.70%	10.81%	18.92%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	2.70%	0.00%	16.22%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	70	22	36.36%	9.09%	0.00%	13.64%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	4.55%	9.09%	0.00%	0.00%
				01:00 ~ 02:00	70	70	15	40.00%	13.33%	0.00%	13.33%	0.00%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				02:00 ~ 03:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				03:00 ~ 04:00	70	70	11	45.45%	9.09%	0.00%	9.09%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				04:00 ~ 05:00	70	70	15	40.00%	13.33%	0.00%	13.33%	0.00%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				05:00 ~ 06:00	70	70	22	36.36%	9.09%	0.00%	13.64%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	4.55%	9.09%	0.00%	0.00%
				06:00 ~ 07:00	70	70	94	37.23%	10.64%	1.06%	13.83%	2.13%	8.51%	10.64%	0.00%	0.00%	0.00%	0.00%	1.06%	3.19%	0.00%	1.06%	2.13%	8.51%	0.00%	0.00%
				07:00 ~ 08:00	70	69	216	31.94%	17.13%	0.00%	10.65%	0.46%	3.24%	3.24%	0.00%	0.00%	0.46%	0.00%	2.78%	18.06%	0.00%	0.93%	3.24%	7.87%	0.00%	0.00%
				08:00 ~ 09:00	70	68	379	19.79%	20.32%	2.11%	8.97%	1.32%	5.28%	13.46%	0.00%	0.00%	0.00%	0.00%	4.49%	9.76%	0.00%	2.11%	1.58%	10.82%	0.00%	0.00%
				09:00 ~ 10:00	70	68	360	18.61%	15.56%	1.11%	13.06%	4.17%	11.39%	16.11%	0.00%	0.00%	0.00%	0.00%	0.28%	1.11%	0.00%	1.39%	0.56%	16.67%	0.00%	0.00%
				10:00 ~ 11:00	70	68	444	23.87%	12.84%	0.90%	14.19%	3.83%	15.09%	11.94%	0.00%	0.23%	0.23%	0.00%	0.00%	0.68%	0.00%	0.90%	0.23%	15.09%	0.00%	0.00%
				11:00 ~ 12:00	70	67	541	32.90%	11.28%	0.18%	17.19%	2.22%	13.31%	8.87%	0.00%	0.00%	0.18%	0.00%	0.18%	0.37%	0.00%	1.29%	0.18%	11.83%	0.00%	0.00%
				12:00 ~ 13:00	70	68	406	32.27%	11.82%	0.99%	15.76%	3.45%	10.10%	10.84%	0.00%	0.00%	0.00%	0.00%	0.25%	1.48%	0.00%	1.72%	1.23%	10.10%	0.00%	0.00%
				13:00 ~ 14:00	70	67	513	27.10%	7.02%	0.97%	11.89%	4.29%	13.26%	16.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.78%	0.00%	1.17%	1.36%	15.98%	0.00%	0.00%
				14:00 ~ 15:00	70	69	285	25.61%	8.77%	1.05%	10.53%	2.11%	13.68%	19.30%	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.05%	2.46%	15.09%	0.00%	0.00%
				15:00 ~ 16:00	70	68	371	35.58%	5.66%	0.54%	11.05%	4.04%	14.56%	14.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.27%	0.00%	1.35%	0.54%	12.40%	0.00%	0.00%
				16:00 ~ 17:00	70	68	483	36.85%	5.38%	0.83%	16.56%	3.73%	9.94%	13.04%	0.00%	0.00%	0.00%	0.00%	1.04%	0.62%	0.00%	1.04%	2.48%	8.49%	0.00%	0.00%
				17:00 ~ 18:00	70	66	740	53.24%	4.19%	0.81%	10.81%	1.89%	4.59%	5.54%	0.00%	0.00%	0.00%	0.00%	0.95%	7.57%	0.00%	1.76%	5.00%	3.65%	0.00%	0.00%
				18:00 ~ 19:00	70	68	438	55.94%	4.34%	0.46%	10.27%	0.68%	4.11%	6.16%	0.00%	0.00%	0.00%	0.00%	2.97%	6.39%	0.00%	1.14%	4.57%	2.97%	0.00%	0.00%
				19:00 ~ 20:00	70	69	262	56.49%	7.25%	0.38%	10.69%	0.38%	2.29%	4.20%	0.00%	0.00%	0.00%	0.00%	1.91%	8.02%	0.00%	1.53%	4.58%	2.29%	0.00%	0.00%
				20:00 ~ 21:00	70	69	115	50.43%	12.17%	0.87%	11.30%	2.61%	4.35%	6.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	4.35%	1.74%	1.74%	0.00%	0.00%
				21:00 ~ 22:00	70	70	56	44.64%	17.86%	0.00%	8.93%	0.00%	10.71%	5.36%	0.00%	0.00%	0.00%	0.00%	0.00%	1.79%	0.00%	7.14%	3.57%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	33	42.42%	21.21%	3.03%	9.09%	3.03%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	6.06%	3.03%	6.06%	0.00%	0.00%
				23:00 ~ 00:00	70	70	36	38.89%	11.11%	0.00%	11.11%	2.78%	8.33%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	2.78%	2.78%	8.33%	0.00%	0.00%
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				01:00 ~ 02:00	70	70	14	35.71%	14.29%	0.00%	7.14%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	14	35.71%	14.29%	0.00%	7.14%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				05:00 ~ 06:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				06:00 ~ 07:00	70	70	90	36.67%	11.11%	2.22%	11.11%	4.44%	7.78%	11.11%	0.00%	0.00%	0.00%	0.00%	1.11%	3.33%	0.00%	1.11%	1.11%	8.89%	0.00%	0.00%
				07:00 ~ 08:00	70	68	489	54.40%	8.79%	2.25%	6.13%	1.43%	0.82%	5.52%	0.00%	0.00%	0.61%	0.00%	1.64%	9.41%	0.00%	2.25%	3.68%	3.07%	0.00%	0.00%
				08:00 ~ 09:00	70	67	669	48.58%	10.16%	2.54%	9.12%	2.24%	4.78%	6.73%	0.00%	0.00%	0.00%	0.00%	1.20%	3.44%	0.00%	0.90%	2.24%	8.07%	0.00%	0.00%
				09:00 ~ 10:00	70	67	584	35.10%	12.16%	2.23%	13.53%	5.99%	7.02%	9.08%	0.00%	0.00%	0.00%	0.17%	0.17%	0.51%	0.00%	1.03%	1.71%	11.30%	0.00%	0.00%
				10:00 ~ 11:00	70	68	479	29.02%	11.48%	2.30%	12.53%	7.10%	12.11%	8.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.42%	0.00%	1.46%	1.04%	13.99%	0.00%	0.00%
				11:00 ~ 12:00	70	68	422	23.70%	15.17%	4.03%	10.19%	5.45%	13.74%	13.74%	0.00%	0.00%	0.00%	0.00%	0.24%	0.71%	0.00%	1.42%	0.47%	11.14%	0.00%	0.00%
				12:00 ~ 13:00	70	68	375	28.80%	8.80%	1.87%	16.00%	4.27%	9.07%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.07%	0.00%	1.33%	0.27%	16.53%	0.00%	0.00%
				13:00 ~ 14:00	70	68	434	32.49%	7.83%	1.84%	11.75%	5.99%	9.45%	13.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.92%	0.00%	1.15%	0.69%	14.06%	0.00%	0.00%
				14:00 ~ 15:00	70	68	369	25.75%	7.05%	4.07%	10.57%	6.23%	11.38%	17.07%	0.00%	0.00%	0.00%	0.00%	0.27%	0.54%	0.00%	1.36%	0.27%	15.45%	0.00%	0.00%
				15:00 ~ 16:00	70	69	301	23.59%	7.31%	1.00%	8.64%	10.63%	11.30%	17.94%	0.00%	0.00%	0.00%	0.00%	1.99%	1.33%	0.00%	1.66%	0.00%	14.62%	0.00%	0.00%
				16:00 ~ 17:00	70	68	328	23.17%	7.62%	1.52%	11.89%	4.27%	8.54%	16.16%	0.00%	0.00%	0.00%	0.00%	1.83%	9.15%	0.00%	1.83%	0.91%	13.11%	0.00%	0.00%
				17:00 ~ 18:00	70	69	302	20.86%	12.25%	1.66%	8.61%	6.29%	5.96%	11.92%	0.00%	0.00%	0.66%	0.00%	2.32%	13.91%	0.00%	2.32%	1.32%	11.92%	0.00%	0.00%
				18:00 ~ 19:00	70	69	203	41.38%	9.36%	4.93%	7.39%	4.43%	5.91%	9.36%	0.00%	0.00%	0.00%	0.00%	1.97%	3.94%	0.00%	1.97%	3.45%	5.91%	0.00%	0.00%
				19:00 ~ 20:00	70	69	177	44.07%	9.04%	3.95%	7.34%	2.26%	3.95%	3.95%	0.00%	0.00%	0.00%	0.00%	1.69%	12.99%	0.00%	3.95%	2.82%	3.95%	0.00%	0.00%
				20:00 ~ 21:00	70	69	106	61.32%	4.72%	1.89%	7.55%	3.77%	4.72%	4.72%	0.00%	0.00%	0.00%	0.00%	0.00%	3.77%	0.00%	3.77%	2.83%	0.94%	0.00%	0.00%
				21:00 ~ 22:00	70	70	80	61.25%	10.00%	2.50%	3.75%	2.50%	2.50%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	5.00%	1.25%	6.25%	0.00%	0.00%
				22:00 ~ 23:00	70	70	47	59.57%	21.28%	0.00%	6.38%	6.38%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.13%	2.13%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	36	36.11%	11.11%	2.78%	8.33%	5.56%	8.33%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	2.78%	2.78%	8.33%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	70	29	31.03%	6.90%	3.45%	6.90%	3.45%	10.34%	17.24%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	0.00%	3.45%	13.79%	0.00%	0.00%
				01:00 ~ 02:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				02:00 ~ 03:00	70	70	11	36.36%	9.09%	0.00%	9.09%	0.00%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%
				03:00 ~ 04:00	70	70	15	33.33%	6.67%	6.67%	6.67%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				04:00 ~ 05:00	70	70	18	27.78%	5.56%	5.56%	5.56%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	70	28	28.57%	7.14%	3.57%	7.14%	3.57%	10.71%	17.86%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	3.57%	14.29%	0.00%	0.00%
				06:00 ~ 07:00	70	70	114	29.82%	7.02%	3.51%	7.02%	2.63%	10.53%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.88%	1.75%	15.79%	0.00%	0.00%
				07:00 ~ 08:00	70	69	268	34.70%	13.06%	0.00%	8.96%	0.37%	8.58%	6.34%	0.00%	0.00%	0.00%	0.00%	0.00%	8.21%	0.00%	0.37%	2.61%	16.79%	0.00%	0.00%
				08:00 ~ 09:00	70	68	518	19.69%	13.90%	3.67%	6.95%	2.51%	11.00%	18.53%	0.00%	0.00%	0.39%	0.00%	0.00%	4.05%	0.00%	0.77%	1.16%	17.37%	0.00%	0.00%
				09:00 ~ 10:00	70	68	435	12.18%	12.87%	4.14%	8.05%	4.14%	9.43%	21.61%	0.00%	0.00%	0.00%	0.00%	0.23%	0.23%	0.00%	0.69%	0.46%	25.98%	0.00%	0.00%
				10:00 ~ 11:00	70	68	529	19.28%	9.26%	3.40%	5.48%	7.18%	12.48%	20.04%	0.00%	0.00%	0.00%	0.19%	0.00%	0.57%	0.00%	0.76%	0.19%	21.17%	0.00%	0.00%
				11:00 ~ 12:00	70	68	611	27.50%	8.51%	4.09%	9.33%	4.09%	12.60%	15.06%	0.00%	0.00%	0.00%	0.00%	0.16%	0.33%	0.00%	1.31%	0.16%	16.86%	0.00%	0.00%
				12:00 ~ 13:00	70	68	502	27.29%	10.36%	2.79%	7.77%	3.98%	8.76%	19.52%	0.00%	0.00%	0.00%	0.00%	0.20%	1.00%	0.00%	1.20%	1.20%	15.94%	0.00%	0.00%
				13:00 ~ 14:00	70	68	498	24.90%	7.03%	3.61%	5.62%	3.82%	11.65%	21.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.40%	0.00%	0.80%	1.41%	18.88%	0.00%	0.00%
				14:00 ~ 15:00	70	68	442	17.19%	4.52%	4.30%	3.39%	2.04%	15.84%	30.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%	0.00%	0.90%	0.90%	19.91%	0.00%	0.00%
				15:00 ~ 16:00	70	68	497	27.97%	4.63%	1.81%	5.23%	2.62%	16.90%	21.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.20%	0.00%	1.01%	0.40%	17.51%	0.00%	0.00%
				16:00 ~ 17:00	70	68	536	30.22%	5.22%	6.90%	7.28%	3.36%	11.01%	19.03%	0.00%	0.00%	0.00%	0.00%	0.75%	0.56%	0.00%	0.93%	1.49%	13.25%	0.00%	0.00%
				17:00 ~ 18:00	70	67	847	47.93%	3.54%	4.25%	7.20%	3.07%	5.31%	10.86%	0.00%	0.00%	0.00%	0.00%	0.94%	6.26%	0.00%	1.65%	4.49%	4.49%	0.00%	0.00%
				18:00 ~ 19:00	70	69	329	41.95%	4.56%	3.65%	8.81%	1.52%	6.69%	12.77%	0.00%	0.00%	0.00%	0.00%	3.34%	4.26%	0.00%	1.82%	4.86%	5.78%	0.00%	0.00%
				19:00 ~ 20:00	70	69	256	48.44%	7.03%	4.69%	5.47%	1.17%	4.30%	8.20%	0.00%	0.00%	0.00%	0.00%	1.17%	7.81%	0.00%	2.34%	4.30%	5.08%	0.00%	0.00%
				20:00 ~ 21:00	70	70	125	52.80%	8.00%	3.20%	4.80%	2.40%	5.60%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.20%	0.00%	3.20%	2.40%	2.40%	0.00%	0.00%
				21:00 ~ 22:00	70	70	79	51.90%	12.66%	2.53%	2.53%	1.27%	6.33%	7.59%	0.00%	0.00%	0.00%	0.00%	0.00%	1.27%	0.00%	5.06%	2.53%	6.33%	0.00%	0.00%
				22:00 ~ 23:00	70	70	42	54.76%	16.67%	4.76%	4.76%	4.76%	2.38%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	2.38%	4.76%	0.00%	0.00%
				23:00 ~ 00:00	70	70	39	33.33%	7.69%	2.56%	5.13%	2.56%	10.26%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	2.56%	15.38%	0.00%	0.00%
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				01:00 ~ 02:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				02:00 ~ 03:00	70	70	10	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	13	30.77%	7.69%	7.69%	0.00%	0.00%	15.38%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				04:00 ~ 05:00	70	70	16	31.25%	6.25%	6.25%	0.00%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	18.75%	0.00%	0.00%
				05:00 ~ 06:00	70	70	25	28.00%	8.00%	8.00%	0.00%	4.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	16.00%	0.00%	0.00%
				06:00 ~ 07:00	70	70	104	27.88%	7.69%	7.69%	2.88%	1.92%	10.58%	19.23%	0.00%	0.00%	0.00%	0.00%	0.96%	2.88%	0.00%	0.96%	0.96%	16.35%	0.00%	0.00%
				07:00 ~ 08:00	70	68	407	44.23%	5.65%	2.70%	2.21%	0.98%	1.72%	17.94%	0.00%	0.00%	0.00%	0.00%	0.98%	8.11%	0.00%	2.70%	4.18%	8.60%	0.00%	0.00%
				08:00 ~ 09:00	70	68	489	23.72%	3.68%	1.64%	2.66%	1.23%	10.43%	26.38%	0.00%	0.00%	0.00%	0.00%	0.41%	1.64%	0.00%	0.61%	1.43%	26.18%	0.00%	0.00%
				09:00 ~ 10:00	70	69	300	5.00%	0.00%	0.00%	2.33%	0.67%	13.33%	44.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.00%	0.00%	0.00%
				10:00 ~ 11:00	70	69	269	1.86%	0.00%	0.74%	2.60%	3.35%	19.70%	40.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.23%	0.00%	0.00%
				11:00 ~ 12:00	70	69	294	3.74%	0.00%	0.00%	3.40%	3.06%	12.24%	41.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	36.05%	0.00%	0.00%
				12:00 ~ 13:00	70	69	193	7.25%	0.00%	3.11%	4.15%	0.52%	17.10%	36.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.09%	0.00%	0.00%
				13:00 ~ 14:00	70	69	265	5.28%	0.00%	0.75%	4.53%	1.13%	13.21%	43.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.38%	31.32%	0.00%	0.00%
				14:00 ~ 15:00	70	69	312	1.92%	0.00%	0.00%	2.24%	0.32%	21.79%	42.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.09%	0.00%	0.00%
				15:00 ~ 16:00	70	69	249	1.20%	0.00%	0.00%	4.02%	4.42%	15.26%	41.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.73%	0.00%	0.00%
				16:00 ~ 17:00	70	69	250	1.60%	0.00%	0.80%	2.40%	2.00%	16.80%	44.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.00%	0.00%	0.00%
				17:00 ~ 18:00	70	69	241	3.73%	0.00%	0.00%	1.24%	5.39%	12.45%	43.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.20%	0.00%	0.00%
				18:00 ~ 19:00	70	70	47	10.64%	4.26%	0.00%	12.77%	6.38%	21.28%	25.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.15%	0.00%	0.00%
				19:00 ~ 20:00	70	69	220	43.64%	7.73%	10.00%	2.27%	0.91%	4.55%	8.64%	0.00%	0.00%	0.00%	0.00%	1.36%	10.00%	0.00%	2.73%	2.73%	5.45%	0.00%	0.00%
				20:00 ~ 21:00	70	70	108	48.15%	9.26%	7.41%	1.85%	1.85%	6.48%	12.96%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	3.70%	1.85%	2.78%	0.00%	0.00%
				21:00 ~ 22:00	70	70	69	49.28%	14.49%	5.80%	0.00%	1.45%	5.80%	7.25%	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	5.80%	1.45%	7.25%	0.00%	0.00%
				22:00 ~ 23:00	70	70	37	51.35%	18.92%	10.81%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	2.70%	5.41%	0.00%	0.00%
				23:00 ~ 00:00	70	70	37	29.73%	8.11%	8.11%	0.00%	2.70%	10.81%	18.92%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	2.70%	0.00%	16.22%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**5**	40.00%	0.00%	0.00%	20.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*42*	**38**	63.16%	7.89%	0.00%	7.89%	2.63%	0.00%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*40*	**50**	60.00%	8.00%	0.00%	12.00%	4.00%	4.00%	8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*40*	**49**	53.06%	8.16%	4.08%	8.16%	4.08%	10.20%	2.04%	0.00%	0.00%	0.00%	0.00%	2.04%	6.12%	0.00%	0.00%	0.00%	2.04%	0.00%	0.00%
				10:00 ~ 11:00	50	*43*	**37**	35.14%	0.00%	10.81%	18.92%	0.00%	29.73%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*42*	**40**	20.00%	5.00%	10.00%	10.00%	5.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**26**	26.92%	3.85%	7.69%	15.38%	3.85%	19.23%	19.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%
				13:00 ~ 14:00	50	*44*	**31**	25.81%	3.23%	6.45%	9.68%	6.45%	19.35%	25.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%
				14:00 ~ 15:00	50	*41*	**44**	29.55%	0.00%	18.18%	0.00%	4.55%	4.55%	29.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.64%	0.00%	0.00%
				15:00 ~ 16:00	50	*45*	**24**	8.33%	4.17%	4.17%	16.67%	8.33%	20.83%	29.17%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
				16:00 ~ 17:00	50	*45*	**23**	13.04%	0.00%	4.35%	8.70%	0.00%	43.48%	21.74%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**37**	5.41%	0.00%	10.81%	10.81%	5.41%	10.81%	51.35%	0.00%	0.00%	0.00%	0.00%	0.00%	5.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**12**	8.33%	0.00%	8.33%	8.33%	8.33%	8.33%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**8**	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**10**	40.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**15**	13.33%	26.67%	0.00%	0.00%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	6.67%	20.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**17**	29.41%	0.00%	29.41%	23.53%	0.00%	0.00%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**31**	48.39%	6.45%	12.90%	0.00%	0.00%	12.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.90%	0.00%	0.00%	0.00%	6.45%	0.00%	0.00%
				12:00 ~ 13:00	50	*46*	**21**	23.81%	4.76%	9.52%	14.29%	4.76%	19.05%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				13:00 ~ 14:00	50	*45*	**26**	23.08%	3.85%	7.69%	7.69%	3.85%	19.23%	26.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				14:00 ~ 15:00	50	*44*	**32**	18.75%	0.00%	6.25%	6.25%	6.25%	18.75%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				15:00 ~ 16:00	50	*43*	**37**	29.73%	2.70%	8.11%	2.70%	2.70%	16.22%	27.03%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%	0.00%	8.11%	0.00%	0.00%
				16:00 ~ 17:00	50	*43*	**37**	37.84%	0.00%	8.11%	10.81%	2.70%	21.62%	13.51%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%
				17:00 ~ 18:00	50	*39*	**55**	23.64%	0.00%	3.64%	20.00%	3.64%	14.55%	30.91%	0.00%	0.00%	0.00%	0.00%	0.00%	3.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**18**	22.22%	0.00%	5.56%	16.67%	5.56%	16.67%	27.78%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	N	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**4**	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*44*	**11**	45.45%	18.18%	27.27%	0.00%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**6**	50.00%	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				11:00 ~ 12:00	50	*48*	**4**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**3**	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**1**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**2**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**7**	57.14%	14.29%	14.29%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*46*	**8**	50.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**6**	50.00%	0.00%	16.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**4**	50.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**4**	25.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**15**	26.67%	0.00%	6.67%	26.67%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				07:00 ~ 08:00	50	*43*	**33**	33.33%	6.06%	3.03%	18.18%	6.06%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	3.03%	9.09%	0.00%	0.00%
				08:00 ~ 09:00	50	*32*	**88**	43.18%	4.55%	2.27%	21.59%	6.82%	2.27%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	0.00%	0.00%	2.27%	5.68%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**85**	43.53%	7.06%	5.88%	14.12%	7.06%	5.88%	4.71%	0.00%	0.00%	0.00%	0.00%	1.18%	3.53%	0.00%	0.00%	1.18%	5.88%	0.00%	0.00%
				10:00 ~ 11:00	50	*36*	**67**	31.34%	1.49%	5.97%	23.88%	4.48%	16.42%	5.97%	0.00%	0.00%	0.00%	0.00%	0.00%	1.49%	0.00%	0.00%	2.99%	5.97%	0.00%	0.00%
				11:00 ~ 12:00	50	*36*	**70**	24.29%	5.71%	5.71%	17.14%	7.14%	11.43%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.57%	0.00%	0.00%	4.29%	5.71%	0.00%	0.00%
				12:00 ~ 13:00	50	*41*	**46**	23.91%	2.17%	2.17%	28.26%	4.35%	10.87%	10.87%	0.00%	0.00%	0.00%	0.00%	0.00%	6.52%	0.00%	0.00%	2.17%	8.70%	0.00%	0.00%
				13:00 ~ 14:00	50	*37*	**65**	29.23%	1.54%	6.15%	24.62%	6.15%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	3.08%	0.00%	0.00%	3.08%	10.77%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**60**	25.00%	0.00%	13.33%	8.33%	6.67%	3.33%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	16.67%	0.00%	0.00%
				15:00 ~ 16:00	50	*42*	**42**	16.67%	2.38%	2.38%	23.81%	9.52%	11.90%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	0.00%	0.00%	2.38%	7.14%	0.00%	0.00%
				16:00 ~ 17:00	50	*41*	**44**	18.18%	0.00%	2.27%	20.45%	4.55%	22.73%	15.91%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	2.27%	9.09%	0.00%	0.00%
				17:00 ~ 18:00	50	*40*	**51**	9.80%	0.00%	7.84%	15.69%	7.84%	7.84%	41.18%	0.00%	0.00%	0.00%	0.00%	0.00%	3.92%	0.00%	0.00%	1.96%	3.92%	0.00%	0.00%
				18:00 ~ 19:00	50	*43*	**37**	37.84%	0.00%	2.70%	18.92%	5.41%	2.70%	5.41%	0.00%	0.00%	0.00%	0.00%	5.41%	8.11%	0.00%	0.00%	8.11%	5.41%	0.00%	0.00%
				19:00 ~ 20:00	50	*46*	**20**	30.00%	0.00%	5.00%	20.00%	5.00%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**9**	22.22%	0.00%	11.11%	22.22%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	W	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**14**	28.57%	0.00%	0.00%	28.57%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				07:00 ~ 08:00	50	*45*	**23**	30.43%	8.70%	0.00%	26.09%	8.70%	0.00%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	13.04%	0.00%	0.00%
				08:00 ~ 09:00	50	*44*	**31**	29.03%	12.90%	0.00%	22.58%	9.68%	0.00%	6.45%	0.00%	0.00%	0.00%	0.00%	0.00%	6.45%	0.00%	0.00%	3.23%	9.68%	0.00%	0.00%
				09:00 ~ 10:00	50	*42*	**41**	17.07%	14.63%	0.00%	19.51%	9.76%	2.44%	12.20%	0.00%	0.00%	0.00%	0.00%	2.44%	7.32%	0.00%	0.00%	2.44%	12.20%	0.00%	0.00%
				10:00 ~ 11:00	50	*40*	**48**	29.17%	2.08%	12.50%	25.00%	8.33%	0.00%	10.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.08%	0.00%	0.00%	2.08%	8.33%	0.00%	0.00%
				11:00 ~ 12:00	50	*37*	**65**	38.46%	6.15%	9.23%	13.85%	4.62%	6.15%	4.62%	0.00%	0.00%	0.00%	0.00%	0.00%	6.15%	0.00%	0.00%	1.54%	9.23%	0.00%	0.00%
				12:00 ~ 13:00	50	*42*	**39**	30.77%	2.56%	0.00%	23.08%	7.69%	5.13%	10.26%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	2.56%	10.26%	0.00%	0.00%
				13:00 ~ 14:00	50	*34*	**80**	28.75%	1.25%	0.00%	27.50%	6.25%	7.50%	8.75%	0.00%	0.00%	0.00%	0.00%	0.00%	3.75%	0.00%	0.00%	3.75%	12.50%	0.00%	0.00%
				14:00 ~ 15:00	50	*40*	**50**	20.00%	0.00%	4.00%	16.00%	8.00%	12.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	2.00%	14.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*39*	**54**	25.93%	1.85%	5.56%	12.96%	5.56%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	1.85%	0.00%	0.00%	1.85%	11.11%	0.00%	0.00%
				16:00 ~ 17:00	50	*37*	**62**	30.65%	0.00%	8.06%	19.35%	4.84%	12.90%	11.29%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				17:00 ~ 18:00	50	*34*	**78**	23.08%	0.00%	2.56%	23.08%	6.41%	10.26%	25.64%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	1.28%	5.13%	0.00%	0.00%
				18:00 ~ 19:00	50	*42*	**38**	42.11%	0.00%	0.00%	18.42%	5.26%	2.63%	10.53%	0.00%	0.00%	0.00%	0.00%	5.26%	7.89%	0.00%	0.00%	2.63%	5.26%	0.00%	0.00%
				19:00 ~ 20:00	50	*46*	**19**	31.58%	0.00%	0.00%	26.32%	5.26%	5.26%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	15.79%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**9**	55.56%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				21:00 ~ 22:00	50	*48*	**9**	44.44%	11.11%	0.00%	11.11%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	N	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**15**	26.67%	0.00%	6.67%	26.67%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				07:00 ~ 08:00	50	*47*	**32**	25.00%	6.25%	6.25%	18.75%	6.25%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	3.13%	9.38%	0.00%	0.00%
				08:00 ~ 09:00	50	*43*	**83**	31.33%	6.02%	4.82%	20.48%	6.02%	4.82%	7.23%	0.00%	0.00%	0.00%	0.00%	1.20%	4.82%	0.00%	0.00%	3.61%	9.64%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**88**	43.18%	7.95%	6.82%	14.77%	4.55%	4.55%	6.82%	0.00%	0.00%	0.00%	0.00%	1.14%	3.41%	0.00%	0.00%	1.14%	5.68%	0.00%	0.00%
				10:00 ~ 11:00	50	*44*	**81**	27.16%	2.47%	7.41%	22.22%	4.94%	19.75%	6.17%	0.00%	0.00%	0.00%	0.00%	0.00%	2.47%	0.00%	0.00%	2.47%	4.94%	0.00%	0.00%
				11:00 ~ 12:00	50	*45*	**68**	19.12%	5.88%	5.88%	16.18%	7.35%	20.59%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%	2.94%	7.35%	0.00%	0.00%
				12:00 ~ 13:00	50	*46*	**50**	20.00%	2.00%	2.00%	26.00%	4.00%	14.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.00%	0.00%	0.00%	2.00%	14.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*45*	**69**	30.43%	2.90%	2.90%	23.19%	5.80%	10.14%	7.25%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	2.90%	10.14%	0.00%	0.00%
				14:00 ~ 15:00	50	*46*	**56**	25.00%	1.79%	7.14%	12.50%	7.14%	17.86%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	1.79%	0.00%	0.00%	1.79%	12.50%	0.00%	0.00%
				15:00 ~ 16:00	50	*46*	**50**	18.00%	2.00%	2.00%	22.00%	8.00%	14.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	2.00%	10.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**48**	16.67%	0.00%	4.17%	18.75%	8.33%	16.67%	18.75%	0.00%	0.00%	0.00%	0.00%	2.08%	4.17%	0.00%	0.00%	2.08%	8.33%	0.00%	0.00%
				17:00 ~ 18:00	50	*46*	**45**	15.56%	4.44%	2.22%	13.33%	6.67%	4.44%	35.56%	0.00%	0.00%	0.00%	0.00%	2.22%	6.67%	0.00%	0.00%	2.22%	6.67%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**34**	35.29%	0.00%	2.94%	20.59%	5.88%	2.94%	5.88%	0.00%	0.00%	0.00%	0.00%	5.88%	8.82%	0.00%	0.00%	5.88%	5.88%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**20**	30.00%	0.00%	5.00%	20.00%	5.00%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**10**	20.00%	0.00%	10.00%	20.00%	0.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**4**	0.00%	25.00%	0.00%	25.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	S	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**14**	28.57%	0.00%	0.00%	28.57%	7.14%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**27**	22.22%	7.41%	0.00%	22.22%	11.11%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	7.41%	0.00%	0.00%	3.70%	14.81%	0.00%	0.00%
				08:00 ~ 09:00	50	*47*	**43**	16.28%	11.63%	0.00%	20.93%	6.98%	4.65%	9.30%	0.00%	0.00%	0.00%	0.00%	2.33%	11.63%	0.00%	0.00%	2.33%	13.95%	0.00%	0.00%
				09:00 ~ 10:00	50	*46*	**45**	20.00%	15.56%	0.00%	17.78%	8.89%	8.89%	11.11%	0.00%	0.00%	0.00%	0.00%	2.22%	0.00%	0.00%	0.00%	2.22%	13.33%	0.00%	0.00%
				10:00 ~ 11:00	50	*45*	**62**	22.58%	1.61%	0.00%	30.65%	8.06%	16.13%	9.68%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	1.61%	6.45%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**81**	33.33%	4.94%	1.23%	23.46%	4.94%	13.58%	7.41%	0.00%	0.00%	0.00%	0.00%	0.00%	2.47%	0.00%	0.00%	1.23%	7.41%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**61**	19.67%	1.64%	0.00%	29.51%	4.92%	19.67%	9.84%	0.00%	0.00%	0.00%	0.00%	0.00%	4.92%	0.00%	0.00%	1.64%	8.20%	0.00%	0.00%
				13:00 ~ 14:00	50	*43*	**86**	26.74%	2.33%	0.00%	30.23%	5.81%	8.14%	8.14%	0.00%	0.00%	0.00%	0.00%	0.00%	3.49%	0.00%	0.00%	3.49%	11.63%	0.00%	0.00%
				14:00 ~ 15:00	50	*46*	**46**	13.04%	2.17%	0.00%	19.57%	6.52%	23.91%	15.22%	2.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	13.04%	0.00%	0.00%
				15:00 ~ 16:00	50	*46*	**56**	25.00%	1.79%	0.00%	16.07%	10.71%	12.50%	17.86%	0.00%	0.00%	0.00%	0.00%	0.00%	1.79%	0.00%	0.00%	1.79%	12.50%	0.00%	0.00%
				16:00 ~ 17:00	50	*45*	**68**	27.94%	0.00%	1.47%	25.00%	4.41%	17.65%	11.76%	0.00%	0.00%	0.00%	0.00%	1.47%	1.47%	0.00%	0.00%	4.41%	4.41%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**83**	25.30%	2.41%	1.20%	21.69%	6.02%	7.23%	20.48%	0.00%	0.00%	0.00%	0.00%	1.20%	6.02%	0.00%	0.00%	2.41%	6.02%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**40**	37.50%	0.00%	0.00%	22.50%	5.00%	5.00%	10.00%	0.00%	0.00%	0.00%	0.00%	5.00%	7.50%	0.00%	0.00%	2.50%	5.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**19**	31.58%	0.00%	0.00%	26.32%	5.26%	5.26%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	15.79%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**9**	55.56%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**13**	30.77%	7.69%	0.00%	15.38%	0.00%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	E	LD	00:00 ~ 01:00	70	70	18	38.89%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				01:00 ~ 02:00	70	70	12	41.67%	8.33%	0.00%	16.67%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	12	41.67%	8.33%	0.00%	16.67%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				05:00 ~ 06:00	70	70	18	38.89%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				06:00 ~ 07:00	70	70	85	36.47%	9.41%	1.18%	12.94%	3.53%	7.06%	10.59%	0.00%	0.00%	0.00%	0.00%	1.18%	3.53%	0.00%	1.18%	2.35%	10.59%	0.00%	0.00%
				07:00 ~ 08:00	70	69	201	32.84%	16.92%	0.00%	9.45%	0.50%	2.99%	3.48%	0.00%	0.00%	0.50%	0.00%	2.99%	18.41%	0.00%	1.00%	3.98%	6.97%	0.00%	0.00%
				08:00 ~ 09:00	70	68	339	20.35%	20.06%	2.36%	7.96%	1.18%	5.31%	14.45%	0.00%	0.00%	0.00%	0.00%	4.72%	9.14%	0.00%	2.36%	2.06%	10.03%	0.00%	0.00%
				09:00 ~ 10:00	70	68	306	18.63%	14.05%	1.96%	12.75%	3.92%	11.11%	16.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.98%	0.00%	1.63%	0.98%	17.97%	0.00%	0.00%
				10:00 ~ 11:00	70	68	381	23.88%	14.17%	1.31%	11.81%	3.15%	14.70%	12.34%	0.00%	0.26%	0.00%	0.00%	0.00%	0.26%	0.00%	1.05%	0.52%	16.54%	0.00%	0.00%
				11:00 ~ 12:00	70	68	462	33.12%	11.90%	0.22%	17.10%	1.95%	11.04%	9.31%	0.00%	0.00%	0.00%	0.00%	0.22%	0.22%	0.00%	1.52%	0.43%	12.99%	0.00%	0.00%
				12:00 ~ 13:00	70	68	341	31.09%	13.49%	1.47%	12.90%	3.81%	9.97%	12.32%	0.00%	0.00%	0.00%	0.00%	0.29%	0.59%	0.00%	2.05%	1.76%	10.26%	0.00%	0.00%
				13:00 ~ 14:00	70	68	424	26.42%	8.02%	1.18%	9.20%	4.25%	12.03%	18.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%	0.00%	1.42%	1.42%	16.98%	0.00%	0.00%
				14:00 ~ 15:00	70	69	243	27.98%	9.05%	1.23%	9.47%	2.06%	11.52%	18.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.23%	2.47%	16.05%	0.00%	0.00%
				15:00 ~ 16:00	70	68	319	36.68%	5.96%	0.63%	10.66%	3.76%	12.85%	15.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.57%	0.63%	12.23%	0.00%	0.00%
				16:00 ~ 17:00	70	68	400	37.00%	6.50%	1.00%	15.50%	3.75%	8.75%	12.75%	0.00%	0.00%	0.00%	0.00%	1.25%	0.50%	0.00%	1.25%	2.25%	9.50%	0.00%	0.00%
				17:00 ~ 18:00	70	67	635	56.69%	3.46%	0.94%	9.13%	1.26%	3.94%	3.46%	0.00%	0.00%	0.00%	0.00%	0.94%	8.50%	0.00%	2.05%	5.67%	3.94%	0.00%	0.00%
				18:00 ~ 19:00	70	68	374	53.74%	4.81%	0.53%	10.70%	0.80%	4.28%	6.68%	0.00%	0.00%	0.00%	0.00%	2.94%	5.35%	0.00%	1.34%	5.35%	3.48%	0.00%	0.00%
				19:00 ~ 20:00	70	69	249	56.63%	7.63%	0.80%	9.24%	0.40%	2.01%	4.82%	0.00%	0.00%	0.00%	0.00%	2.01%	8.03%	0.00%	1.61%	4.42%	2.41%	0.00%	0.00%
				20:00 ~ 21:00	70	69	110	48.18%	12.73%	1.82%	10.91%	2.73%	4.55%	6.36%	0.00%	0.00%	0.00%	0.00%	0.00%	3.64%	0.00%	4.55%	1.82%	2.73%	0.00%	0.00%
				21:00 ~ 22:00	70	70	48	45.83%	22.92%	0.00%	10.42%	0.00%	4.17%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	2.08%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	31	41.94%	19.35%	6.45%	9.68%	3.23%	0.00%	3.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.45%	3.23%	6.45%	0.00%	0.00%
				23:00 ~ 00:00	70	70	29	37.93%	10.34%	0.00%	10.34%	3.45%	6.90%	10.34%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	3.45%	3.45%	10.34%	0.00%	0.00%
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	W	LD	00:00 ~ 01:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				01:00 ~ 02:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				05:00 ~ 06:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				06:00 ~ 07:00	70	70	80	36.25%	10.00%	2.50%	10.00%	6.25%	6.25%	10.00%	0.00%	0.00%	0.00%	0.00%	1.25%	3.75%	0.00%	1.25%	1.25%	11.25%	0.00%	0.00%
				07:00 ~ 08:00	70	68	463	54.21%	8.86%	1.73%	5.62%	1.73%	0.86%	5.83%	0.00%	0.00%	0.65%	0.00%	1.73%	9.29%	0.00%	2.38%	4.10%	3.02%	0.00%	0.00%
				08:00 ~ 09:00	70	67	558	50.00%	10.22%	1.97%	8.06%	2.15%	4.48%	7.35%	0.00%	0.00%	0.00%	0.00%	1.25%	3.05%	0.00%	1.08%	2.33%	8.06%	0.00%	0.00%
				09:00 ~ 10:00	70	68	470	32.34%	12.34%	1.70%	14.04%	7.02%	6.81%	9.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.28%	1.91%	13.40%	0.00%	0.00%
				10:00 ~ 11:00	70	68	409	27.63%	12.71%	1.47%	11.49%	8.80%	10.02%	9.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.71%	0.98%	15.40%	0.00%	0.00%
				11:00 ~ 12:00	70	68	357	25.49%	16.25%	3.92%	9.52%	5.60%	11.20%	13.17%	0.00%	0.00%	0.00%	0.00%	0.28%	0.56%	0.00%	1.68%	0.56%	11.76%	0.00%	0.00%
				12:00 ~ 13:00	70	68	333	29.73%	9.31%	2.10%	14.11%	4.80%	7.51%	13.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.50%	0.60%	16.82%	0.00%	0.00%
				13:00 ~ 14:00	70	68	356	32.30%	8.99%	1.69%	10.11%	6.46%	7.02%	15.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.00%	1.40%	0.84%	15.17%	0.00%	0.00%
				14:00 ~ 15:00	70	68	317	25.24%	7.26%	3.47%	10.41%	6.31%	9.78%	18.30%	0.00%	0.00%	0.00%	0.00%	0.32%	0.32%	0.00%	1.58%	0.63%	16.40%	0.00%	0.00%
				15:00 ~ 16:00	70	69	261	24.14%	7.66%	0.77%	8.05%	11.11%	9.58%	17.62%	0.00%	0.00%	0.00%	0.00%	2.30%	0.77%	0.00%	1.92%	0.38%	15.71%	0.00%	0.00%
				16:00 ~ 17:00	70	69	276	25.00%	9.06%	1.09%	9.78%	4.35%	7.25%	12.32%	0.00%	0.00%	0.00%	0.00%	2.17%	10.51%	0.00%	2.17%	1.45%	14.86%	0.00%	0.00%
				17:00 ~ 18:00	70	69	260	21.92%	10.77%	1.92%	8.08%	6.92%	6.15%	8.46%	0.00%	0.00%	0.77%	0.00%	2.31%	14.62%	0.00%	2.69%	1.92%	13.46%	0.00%	0.00%
				18:00 ~ 19:00	70	69	181	40.88%	10.50%	4.42%	6.63%	4.42%	6.08%	10.50%	0.00%	0.00%	0.00%	0.00%	1.10%	2.76%	0.00%	2.21%	3.87%	6.63%	0.00%	0.00%
				19:00 ~ 20:00	70	69	170	43.53%	9.41%	4.12%	6.47%	2.94%	3.53%	4.71%	0.00%	0.00%	0.00%	0.00%	1.76%	12.35%	0.00%	4.12%	2.94%	4.12%	0.00%	0.00%
				20:00 ~ 21:00	70	70	100	63.00%	5.00%	1.00%	8.00%	4.00%	2.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.00%	0.00%	4.00%	3.00%	2.00%	0.00%	0.00%
				21:00 ~ 22:00	70	70	81	61.73%	12.35%	2.47%	4.94%	2.47%	0.00%	2.47%	0.00%	0.00%	0.00%	0.00%	0.00%	1.23%	0.00%	4.94%	1.23%	6.17%	0.00%	0.00%
				22:00 ~ 23:00	70	70	44	59.09%	18.18%	0.00%	9.09%	6.82%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	2.27%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	27	37.04%	11.11%	3.70%	7.41%	3.70%	7.41%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	3.70%	0.00%	11.11%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-12	Access Road To ECO Park From Lung Mun Road	N	LR	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**6**	33.33%	16.67%	0.00%	16.67%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**6**	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**13**	7.69%	38.46%	0.00%	0.00%	7.69%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	23.08%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**34**	11.76%	14.71%	0.00%	14.71%	2.94%	29.41%	20.59%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**39**	10.26%	5.13%	2.56%	12.82%	15.38%	30.77%	15.38%	0.00%	0.00%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.13%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**34**	11.76%	5.88%	0.00%	14.71%	0.00%	44.12%	17.65%	0.00%	0.00%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**41**	41.46%	2.44%	0.00%	34.15%	0.00%	7.32%	4.88%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	0.00%	7.32%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**33**	30.30%	0.00%	0.00%	9.09%	3.03%	39.39%	12.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.06%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**27**	11.11%	7.41%	0.00%	3.70%	3.70%	37.04%	25.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	7.41%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**31**	19.35%	6.45%	0.00%	16.13%	3.23%	32.26%	12.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**39**	38.46%	0.00%	0.00%	12.82%	7.69%	10.26%	20.51%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	2.56%	5.13%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**39**	38.46%	15.38%	0.00%	15.38%	5.13%	7.69%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**40**	85.00%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	2.50%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**7**	42.86%	0.00%	0.00%	28.57%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**4**	50.00%	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**3**	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-12	Access Road To ECO Park From Lung Mun Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**17**	70.59%	11.76%	5.88%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*47*	**40**	52.50%	15.00%	5.00%	2.50%	2.50%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	2.50%	5.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*46*	**49**	36.73%	10.20%	0.00%	10.20%	0.00%	24.49%	14.29%	0.00%	0.00%	0.00%	2.04%	0.00%	0.00%	0.00%	0.00%	2.04%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*48*	**29**	27.59%	3.45%	0.00%	6.90%	0.00%	41.38%	10.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	6.90%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**33**	9.09%	3.03%	0.00%	24.24%	0.00%	24.24%	30.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**26**	7.69%	3.85%	0.00%	46.15%	0.00%	30.77%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**39**	28.21%	0.00%	0.00%	15.38%	2.56%	30.77%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.13%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**29**	17.24%	6.90%	0.00%	6.90%	6.90%	41.38%	13.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.90%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**23**	13.04%	8.70%	0.00%	4.35%	13.04%	21.74%	34.78%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**28**	10.71%	0.00%	3.57%	21.43%	3.57%	10.71%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**17**	5.88%	41.18%	0.00%	5.88%	0.00%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				18:00 ~ 19:00	50	*50*	**3**	66.67%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	E	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*50*	**2**	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**9**	22.22%	0.00%	22.22%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**8**	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**3**	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**5**	0.00%	0.00%	20.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**4**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**4**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**3**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*50*	**2**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**5**	0.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**7**	14.29%	0.00%	14.29%	0.00%	0.00%	28.57%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**6**	0.00%	0.00%	16.67%	0.00%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	16	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				01:00 ~ 02:00	70	70	10	40.00%	10.00%	0.00%	20.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	44.44%	11.11%	0.00%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	10	40.00%	10.00%	0.00%	20.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	16	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				06:00 ~ 07:00	70	70	72	36.11%	9.72%	1.39%	15.28%	4.17%	8.33%	9.72%	0.00%	0.00%	0.00%	0.00%	1.39%	2.78%	0.00%	1.39%	1.39%	8.33%	0.00%	0.00%
				07:00 ~ 08:00	70	69	170	32.94%	14.12%	0.00%	11.76%	1.76%	3.53%	2.94%	0.00%	0.00%	0.59%	0.00%	1.76%	19.41%	0.00%	1.18%	3.53%	6.47%	0.00%	0.00%
				08:00 ~ 09:00	70	69	292	24.66%	17.47%	4.11%	11.30%	0.68%	5.82%	11.30%	0.00%	0.00%	0.00%	0.00%	3.77%	9.93%	0.00%	2.40%	2.05%	6.51%	0.00%	0.00%
				09:00 ~ 10:00	70	69	270	20.37%	11.85%	1.11%	15.56%	4.44%	11.85%	14.81%	0.00%	0.00%	0.00%	0.00%	0.37%	1.11%	0.00%	1.85%	1.11%	15.56%	0.00%	0.00%
				10:00 ~ 11:00	70	68	332	27.71%	16.27%	1.51%	11.45%	3.31%	15.36%	9.34%	0.00%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	1.20%	0.60%	12.95%	0.00%	0.00%
				11:00 ~ 12:00	70	68	394	31.47%	13.45%	0.00%	19.29%	2.03%	10.91%	10.15%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	1.78%	0.51%	9.90%	0.00%	0.00%
				12:00 ~ 13:00	70	69	301	33.55%	14.62%	0.00%	14.29%	4.32%	10.63%	11.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.66%	0.00%	2.33%	1.66%	6.64%	0.00%	0.00%
				13:00 ~ 14:00	70	68	405	29.38%	7.65%	1.23%	11.85%	4.20%	12.59%	16.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	1.48%	1.48%	13.58%	0.00%	0.00%
				14:00 ~ 15:00	70	69	217	30.41%	9.22%	1.84%	11.06%	2.30%	11.52%	18.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.38%	1.84%	11.98%	0.00%	0.00%
				15:00 ~ 16:00	70	69	270	37.78%	4.44%	0.74%	11.48%	3.33%	14.81%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.85%	0.74%	10.00%	0.00%	0.00%
				16:00 ~ 17:00	70	68	349	34.96%	6.02%	0.00%	18.91%	4.01%	9.46%	12.89%	0.00%	0.00%	0.00%	0.00%	0.57%	0.57%	0.00%	1.43%	2.01%	9.17%	0.00%	0.00%
				17:00 ~ 18:00	70	68	456	51.75%	3.29%	0.22%	10.96%	1.75%	5.48%	4.82%	0.00%	0.00%	0.00%	0.00%	0.66%	9.21%	0.00%	1.32%	5.26%	5.26%	0.00%	0.00%
				18:00 ~ 19:00	70	68	326	50.92%	5.21%	0.00%	11.35%	0.92%	4.91%	7.67%	0.00%	0.00%	0.00%	0.00%	3.07%	5.52%	0.00%	1.53%	5.21%	3.68%	0.00%	0.00%
				19:00 ~ 20:00	70	69	197	53.30%	6.60%	1.02%	11.17%	0.51%	2.54%	6.09%	0.00%	0.00%	0.00%	0.00%	1.02%	9.14%	0.00%	2.03%	4.06%	2.54%	0.00%	0.00%
				20:00 ~ 21:00	70	70	100	49.00%	12.00%	1.00%	12.00%	3.00%	5.00%	7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	3.00%	1.00%	3.00%	0.00%	0.00%
				21:00 ~ 22:00	70	70	41	51.22%	17.07%	0.00%	9.76%	0.00%	4.88%	7.32%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	7.32%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	28	46.43%	17.86%	7.14%	7.14%	3.57%	0.00%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	3.57%	3.57%	0.00%	0.00%
				23:00 ~ 00:00	70	70	21	38.10%	9.52%	0.00%	14.29%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	17	35.29%	11.76%	0.00%	11.76%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				01:00 ~ 02:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	33.33%	11.11%	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	10	40.00%	10.00%	0.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	17	35.29%	11.76%	0.00%	11.76%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				06:00 ~ 07:00	70	70	69	36.23%	10.14%	2.90%	11.59%	7.25%	5.80%	10.14%	0.00%	0.00%	0.00%	0.00%	0.00%	2.90%	0.00%	1.45%	1.45%	10.14%	0.00%	0.00%
				07:00 ~ 08:00	70	68	358	53.35%	8.38%	1.68%	5.31%	2.23%	0.84%	6.42%	0.00%	0.00%	0.84%	0.00%	1.12%	10.34%	0.00%	1.68%	4.75%	3.07%	0.00%	0.00%
				08:00 ~ 09:00	70	68	454	46.26%	9.47%	1.32%	11.23%	3.30%	5.07%	7.93%	0.00%	0.00%	0.00%	0.00%	1.10%	2.64%	0.00%	1.10%	1.76%	8.81%	0.00%	0.00%
				09:00 ~ 10:00	70	68	416	33.17%	11.54%	0.96%	15.14%	8.89%	5.77%	8.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.44%	1.68%	12.74%	0.00%	0.00%
				10:00 ~ 11:00	70	68	358	30.17%	14.53%	1.40%	12.29%	10.34%	9.22%	7.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.96%	1.12%	11.45%	0.00%	0.00%
				11:00 ~ 12:00	70	68	331	27.49%	17.22%	5.44%	10.88%	5.74%	12.08%	10.57%	0.00%	0.00%	0.00%	0.00%	0.30%	0.60%	0.00%	1.81%	0.60%	7.25%	0.00%	0.00%
				12:00 ~ 13:00	70	69	283	30.04%	10.60%	2.12%	14.13%	4.95%	8.13%	13.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.77%	0.35%	14.84%	0.00%	0.00%
				13:00 ~ 14:00	70	68	307	32.90%	9.45%	1.30%	11.07%	7.17%	6.51%	15.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.00%	1.63%	0.98%	12.70%	0.00%	0.00%
				14:00 ~ 15:00	70	69	278	26.26%	7.55%	3.96%	11.87%	7.55%	10.07%	16.91%	0.00%	0.00%	0.00%	0.00%	0.36%	0.36%	0.00%	1.80%	0.36%	12.95%	0.00%	0.00%
				15:00 ~ 16:00	70	69	222	26.13%	5.86%	1.35%	8.56%	11.26%	11.26%	18.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.45%	0.00%	2.25%	0.45%	13.96%	0.00%	0.00%
				16:00 ~ 17:00	70	69	236	27.54%	8.05%	5.08%	11.02%	4.66%	8.05%	9.32%	0.00%	0.00%	0.00%	0.00%	1.27%	7.63%	0.00%	2.54%	1.27%	13.56%	0.00%	0.00%
				17:00 ~ 18:00	70	69	249	23.69%	8.43%	2.41%	8.03%	6.83%	6.83%	8.84%	0.00%	0.00%	0.80%	0.00%	2.41%	16.47%	0.00%	2.41%	1.61%	11.24%	0.00%	0.00%
				18:00 ~ 19:00	70	69	170	40.59%	9.41%	4.71%	7.06%	5.29%	6.47%	10.00%	0.00%	0.00%	0.00%	0.00%	1.18%	3.53%	0.00%	1.76%	4.12%	5.88%	0.00%	0.00%
				19:00 ~ 20:00	70	69	149	46.31%	8.05%	4.70%	7.38%	4.03%	4.03%	5.37%	0.00%	0.00%	0.00%	0.00%	0.67%	10.74%	0.00%	4.03%	0.00%	4.70%	0.00%	0.00%
				20:00 ~ 21:00	70	70	98	63.27%	3.06%	1.02%	8.16%	4.08%	2.04%	5.10%	0.00%	0.00%	0.00%	0.00%	0.00%	4.08%	0.00%	4.08%	3.06%	2.04%	0.00%	0.00%
				21:00 ~ 22:00	70	70	74	67.57%	8.11%	2.70%	5.41%	1.35%	0.00%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	1.35%	0.00%	4.05%	1.35%	5.41%	0.00%	0.00%
				22:00 ~ 23:00	70	70	41	60.98%	14.63%	0.00%	9.76%	7.32%	2.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	2.44%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	21	38.10%	9.52%	4.76%	9.52%	4.76%	9.52%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	E	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**18**	33.33%	11.11%	5.56%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*39*	**53**	32.08%	20.75%	5.66%	7.55%	1.89%	0.00%	3.77%	0.00%	0.00%	0.00%	0.00%	3.77%	15.09%	0.00%	0.00%	3.77%	5.66%	0.00%	0.00%
				08:00 ~ 09:00	50	*32*	**90**	8.89%	21.11%	1.11%	14.44%	7.78%	3.33%	17.78%	0.00%	0.00%	0.00%	0.00%	3.33%	2.22%	0.00%	1.11%	1.11%	17.78%	0.00%	0.00%
				09:00 ~ 10:00	50	*34*	**81**	7.41%	16.05%	12.35%	20.99%	12.35%	2.47%	12.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.05%	0.00%	0.00%
				10:00 ~ 11:00	50	*34*	**78**	8.97%	1.28%	5.13%	20.51%	7.69%	10.26%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	1.28%	0.00%	0.00%	0.00%	26.92%	0.00%	0.00%
				11:00 ~ 12:00	50	*30*	**121**	31.40%	2.48%	14.05%	15.70%	6.61%	8.26%	4.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.36%	0.00%	0.00%
				12:00 ~ 13:00	50	*35*	**75**	25.33%	6.67%	6.67%	20.00%	5.33%	5.33%	9.33%	0.00%	0.00%	0.00%	0.00%	0.00%	1.33%	0.00%	1.33%	1.33%	17.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*37*	**64**	10.94%	6.25%	4.69%	15.63%	7.81%	6.25%	17.19%	0.00%	0.00%	0.00%	0.00%	0.00%	1.56%	0.00%	1.56%	1.56%	26.56%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**55**	10.91%	3.64%	7.27%	14.55%	7.27%	10.91%	14.55%	0.00%	0.00%	0.00%	0.00%	1.82%	0.00%	0.00%	0.00%	3.64%	25.45%	0.00%	0.00%
				15:00 ~ 16:00	50	*34*	**80**	27.50%	7.50%	3.75%	21.25%	3.75%	2.50%	17.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.25%	0.00%	0.00%
				16:00 ~ 17:00	50	*33*	**83**	36.14%	6.02%	18.07%	14.46%	2.41%	1.20%	6.02%	0.00%	0.00%	0.00%	0.00%	6.02%	0.00%	0.00%	0.00%	2.41%	7.23%	0.00%	0.00%
				17:00 ~ 18:00	50	*28*	**201**	61.19%	3.48%	2.99%	5.47%	0.50%	0.50%	1.00%	0.00%	0.00%	0.00%	0.00%	2.49%	12.44%	0.00%	2.99%	5.97%	1.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*39*	**55**	61.82%	3.64%	5.45%	9.09%	1.82%	0.00%	1.82%	0.00%	0.00%	0.00%	0.00%	1.82%	7.27%	0.00%	0.00%	5.45%	1.82%	0.00%	0.00%
				19:00 ~ 20:00	50	*35*	**74**	56.76%	10.81%	1.35%	5.41%	1.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	16.22%	0.00%	1.35%	2.70%	1.35%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**12**	33.33%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	25.00%	8.33%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	W	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*48*	**9**	33.33%	11.11%	11.11%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*32*	**91**	54.95%	12.09%	2.20%	7.69%	1.10%	1.10%	3.30%	0.00%	0.00%	0.00%	0.00%	3.30%	5.49%	0.00%	4.40%	2.20%	2.20%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**117**	64.10%	6.84%	4.27%	5.98%	0.00%	1.71%	4.27%	0.00%	0.00%	0.00%	0.00%	0.00%	4.27%	0.00%	0.85%	3.42%	4.27%	0.00%	0.00%
				09:00 ~ 10:00	50	*35*	**74**	21.62%	16.22%	13.51%	17.57%	1.35%	6.76%	5.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	14.86%	0.00%	0.00%
				10:00 ~ 11:00	50	*40*	**49**	12.24%	0.00%	6.12%	14.29%	4.08%	20.41%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**30**	16.67%	6.67%	10.00%	3.33%	23.33%	6.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				12:00 ~ 13:00	50	*44*	**32**	12.50%	12.50%	6.25%	18.75%	6.25%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*42*	**40**	12.50%	7.50%	5.00%	12.50%	7.50%	7.50%	17.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*42*	**41**	17.07%	4.88%	0.00%	14.63%	2.44%	7.32%	12.20%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	0.00%	2.44%	36.59%	0.00%	0.00%
				15:00 ~ 16:00	50	*40*	**48**	16.67%	12.50%	0.00%	20.83%	8.33%	0.00%	14.58%	0.00%	0.00%	0.00%	0.00%	12.50%	2.08%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				16:00 ~ 17:00	50	*41*	**46**	21.74%	13.04%	0.00%	13.04%	4.35%	0.00%	15.22%	0.00%	0.00%	0.00%	0.00%	2.17%	13.04%	0.00%	0.00%	2.17%	15.22%	0.00%	0.00%
				17:00 ~ 18:00	50	*45*	**23**	8.70%	26.09%	0.00%	4.35%	4.35%	0.00%	8.70%	0.00%	0.00%	0.00%	0.00%	8.70%	0.00%	0.00%	4.35%	4.35%	30.43%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**12**	41.67%	25.00%	0.00%	8.33%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	8.33%	0.00%	0.00%
				19:00 ~ 20:00	50	*45*	**24**	29.17%	16.67%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	12.50%	0.00%	8.33%	16.67%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	N	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**5**	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**4**	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**7**	71.43%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**3**	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**4**	75.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**4**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**9**	66.67%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**13**	38.46%	7.69%	7.69%	15.38%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**14**	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**6**	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**9**	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	S	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				07:00 ~ 08:00	50	*46*	**18**	33.33%	11.11%	0.00%	5.56%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	5.56%	27.78%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**10**	0.00%	60.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*48*	**10**	40.00%	10.00%	0.00%	0.00%	0.00%	20.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**19**	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	52.63%	0.00%	0.00%
				11:00 ~ 12:00	50	*45*	**27**	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	29.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	48.15%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**9**	11.11%	11.11%	0.00%	11.11%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**13**	7.69%	7.69%	0.00%	7.69%	0.00%	7.69%	30.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	38.46%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**12**	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**11**	27.27%	9.09%	9.09%	9.09%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**19**	5.26%	5.26%	5.26%	5.26%	0.00%	5.26%	21.05%	0.00%	0.00%	0.00%	0.00%	10.53%	31.58%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				17:00 ~ 18:00	50	*48*	**8**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**4**	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	N	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**18**	33.33%	11.11%	5.56%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**57**	31.58%	19.30%	5.26%	7.02%	1.75%	0.00%	3.51%	0.00%	0.00%	0.00%	0.00%	5.26%	17.54%	0.00%	0.00%	3.51%	5.26%	0.00%	0.00%
				08:00 ~ 09:00	50	*31*	**92**	8.70%	20.65%	1.09%	14.13%	7.61%	3.26%	17.39%	0.00%	0.00%	0.00%	0.00%	5.43%	2.17%	0.00%	1.09%	1.09%	17.39%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**83**	8.43%	16.87%	12.05%	20.48%	12.05%	2.41%	12.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.66%	0.00%	0.00%
				10:00 ~ 11:00	50	*33*	**85**	14.12%	1.18%	4.71%	18.82%	7.06%	9.41%	18.82%	0.00%	0.00%	0.00%	0.00%	0.00%	1.18%	0.00%	0.00%	0.00%	24.71%	0.00%	0.00%
				11:00 ~ 12:00	50	*29*	**127**	33.07%	2.36%	13.39%	16.54%	6.30%	7.87%	3.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.54%	0.00%	0.00%
				12:00 ~ 13:00	50	*35*	**74**	20.27%	4.05%	17.57%	17.57%	2.70%	2.70%	10.81%	0.00%	0.00%	0.00%	0.00%	1.35%	0.00%	0.00%	0.00%	2.70%	20.27%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**61**	9.84%	6.56%	9.84%	16.39%	6.56%	0.00%	22.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.87%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**57**	14.04%	3.51%	7.02%	14.04%	7.02%	10.53%	14.04%	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	0.00%	3.51%	24.56%	0.00%	0.00%
				15:00 ~ 16:00	50	*33*	**85**	30.59%	8.24%	3.53%	20.00%	3.53%	2.35%	16.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.29%	0.00%	0.00%
				16:00 ~ 17:00	50	*31*	**94**	36.17%	5.32%	17.02%	14.89%	2.13%	3.19%	5.32%	0.00%	0.00%	0.00%	0.00%	5.32%	2.13%	0.00%	0.00%	2.13%	6.38%	0.00%	0.00%
				17:00 ~ 18:00	50	*28*	**214**	61.21%	3.27%	2.80%	5.14%	0.47%	0.47%	0.93%	0.00%	0.00%	0.00%	0.00%	2.34%	14.02%	0.00%	2.80%	5.61%	0.93%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**59**	62.71%	3.39%	6.78%	8.47%	1.69%	0.00%	1.69%	0.00%	0.00%	0.00%	0.00%	1.69%	6.78%	0.00%	0.00%	5.08%	1.69%	0.00%	0.00%
				19:00 ~ 20:00	50	*34*	**81**	58.02%	9.88%	1.23%	4.94%	1.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	16.05%	0.00%	1.23%	2.47%	1.23%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**11**	36.36%	18.18%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	18.18%	9.09%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	S	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**13**	30.77%	7.69%	7.69%	7.69%	0.00%	7.69%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				07:00 ~ 08:00	50	*30*	**120**	54.17%	10.00%	2.50%	8.33%	0.83%	0.83%	3.33%	0.00%	0.00%	0.00%	0.00%	3.33%	9.17%	0.00%	3.33%	1.67%	2.50%	0.00%	0.00%
				08:00 ~ 09:00	50	*29*	**126**	59.52%	11.90%	3.97%	4.76%	0.79%	1.59%	3.97%	0.00%	0.00%	0.00%	0.00%	1.59%	3.97%	0.00%	0.79%	3.17%	3.97%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**84**	23.81%	15.48%	11.90%	15.48%	1.19%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	13.10%	0.00%	0.00%
				10:00 ~ 11:00	50	*36*	**68**	14.71%	0.00%	4.41%	10.29%	2.94%	14.71%	19.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.82%	0.00%	0.00%
				11:00 ~ 12:00	50	*38*	**58**	8.62%	3.45%	5.17%	12.07%	12.07%	3.45%	24.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.03%	0.00%	0.00%
				12:00 ~ 13:00	50	*36*	**69**	30.43%	2.90%	7.25%	17.39%	4.35%	2.90%	11.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.90%	20.29%	0.00%	0.00%
				13:00 ~ 14:00	50	*37*	**66**	28.79%	6.06%	6.06%	15.15%	4.55%	7.58%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**54**	18.52%	3.70%	3.70%	9.26%	1.85%	5.56%	22.22%	0.00%	0.00%	0.00%	0.00%	1.85%	0.00%	0.00%	0.00%	1.85%	31.48%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**57**	17.54%	12.28%	0.00%	17.54%	7.02%	1.75%	14.04%	0.00%	0.00%	0.00%	0.00%	10.53%	1.75%	0.00%	0.00%	0.00%	17.54%	0.00%	0.00%
				16:00 ~ 17:00	50	*37*	**66**	15.15%	9.09%	1.52%	10.61%	3.03%	1.52%	18.18%	0.00%	0.00%	0.00%	0.00%	4.55%	19.70%	0.00%	0.00%	1.52%	15.15%	0.00%	0.00%
				17:00 ~ 18:00	50	*44*	**30**	6.67%	20.00%	0.00%	3.33%	3.33%	0.00%	6.67%	0.00%	0.00%	0.00%	0.00%	3.33%	26.67%	0.00%	3.33%	3.33%	23.33%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**16**	37.50%	25.00%	0.00%	6.25%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	6.25%	0.00%	6.25%	0.00%	0.00%
				19:00 ~ 20:00	50	*43*	**33**	30.30%	15.15%	0.00%	6.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.06%	21.21%	0.00%	6.06%	15.15%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	36	30.56%	5.56%	2.78%	5.56%	2.78%	8.33%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	0.00%	2.78%	22.22%	0.00%	0.00%
				01:00 ~ 02:00	70	70	22	27.27%	4.55%	4.55%	4.55%	4.55%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				02:00 ~ 03:00	70	70	14	28.57%	7.14%	0.00%	7.14%	0.00%	7.14%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%
				03:00 ~ 04:00	70	70	17	29.41%	5.88%	5.88%	5.88%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	23.53%	0.00%	0.00%
				04:00 ~ 05:00	70	70	22	27.27%	4.55%	4.55%	4.55%	4.55%	9.09%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	22.73%	0.00%	0.00%
				05:00 ~ 06:00	70	70	35	28.57%	5.71%	2.86%	5.71%	2.86%	8.57%	17.14%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%	2.86%	22.86%	0.00%	0.00%
				06:00 ~ 07:00	70	69	137	27.01%	5.84%	2.92%	5.84%	2.19%	9.49%	18.25%	0.00%	0.00%	0.00%	0.00%	0.73%	2.19%	0.00%	0.73%	1.46%	23.36%	0.00%	0.00%
				07:00 ~ 08:00	70	68	441	42.86%	8.84%	3.17%	4.31%	1.13%	2.27%	10.88%	0.00%	0.00%	0.00%	0.00%	1.13%	8.39%	0.00%	1.36%	3.85%	11.79%	0.00%	0.00%
				08:00 ~ 09:00	70	67	631	16.32%	12.36%	3.01%	5.71%	2.06%	9.19%	18.54%	0.00%	0.00%	0.32%	0.00%	0.00%	3.33%	0.00%	0.63%	0.95%	27.58%	0.00%	0.00%
				09:00 ~ 10:00	70	67	567	9.88%	10.23%	3.17%	6.17%	3.35%	7.76%	21.52%	0.00%	0.00%	0.00%	0.00%	0.18%	0.18%	0.00%	0.53%	0.35%	36.68%	0.00%	0.00%
				10:00 ~ 11:00	70	67	666	16.07%	7.36%	3.00%	4.80%	5.71%	10.96%	20.27%	0.00%	0.00%	0.00%	0.15%	0.00%	0.45%	0.00%	0.60%	0.15%	30.48%	0.00%	0.00%
				11:00 ~ 12:00	70	66	780	23.08%	6.67%	3.59%	7.69%	3.21%	11.41%	15.77%	0.00%	0.00%	0.00%	0.00%	0.13%	0.26%	0.00%	1.03%	0.13%	27.05%	0.00%	0.00%
				12:00 ~ 13:00	70	67	583	24.19%	8.92%	2.74%	6.69%	3.60%	9.43%	19.04%	0.00%	0.00%	0.00%	0.00%	0.17%	0.86%	0.00%	1.03%	1.03%	22.30%	0.00%	0.00%
				13:00 ~ 14:00	70	67	633	20.38%	5.53%	3.00%	4.58%	3.00%	9.64%	21.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.00%	0.63%	1.11%	30.17%	0.00%	0.00%
				14:00 ~ 15:00	70	67	571	13.84%	3.50%	3.33%	2.80%	1.58%	12.96%	28.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.53%	0.00%	0.70%	0.70%	32.05%	0.00%	0.00%
				15:00 ~ 16:00	70	67	618	23.62%	3.72%	1.46%	4.21%	2.10%	13.92%	21.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.16%	0.00%	0.81%	0.32%	28.48%	0.00%	0.00%
				16:00 ~ 17:00	70	67	663	26.09%	4.37%	5.58%	5.88%	2.71%	9.20%	18.25%	0.00%	0.00%	0.00%	0.00%	0.60%	0.45%	0.00%	0.75%	1.21%	24.89%	0.00%	0.00%
				17:00 ~ 18:00	70	65	929	45.21%	3.23%	3.88%	6.78%	2.80%	4.84%	11.41%	0.00%	0.00%	0.00%	0.00%	0.86%	5.71%	0.00%	1.51%	4.09%	9.69%	0.00%	0.00%
				18:00 ~ 19:00	70	68	356	44.10%	4.21%	3.65%	8.43%	1.40%	6.18%	11.80%	0.00%	0.00%	0.00%	0.00%	3.09%	3.93%	0.00%	1.69%	4.49%	7.02%	0.00%	0.00%
				19:00 ~ 20:00	70	69	258	61.63%	7.36%	1.16%	3.49%	0.00%	4.26%	3.88%	0.00%	0.00%	0.00%	0.00%	1.94%	8.53%	0.00%	1.55%	4.26%	1.94%	0.00%	0.00%
				20:00 ~ 21:00	70	69	124	58.87%	11.29%	0.00%	4.84%	0.00%	8.87%	4.84%	0.00%	0.00%	0.00%	0.00%	0.00%	4.84%	0.00%	4.03%	1.61%	0.81%	0.00%	0.00%
				21:00 ~ 22:00	70	70	53	60.38%	11.32%	0.00%	5.66%	0.00%	9.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.89%	0.00%	7.55%	3.77%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	40	60.00%	10.00%	5.00%	2.50%	2.50%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	10.00%	2.50%	0.00%	0.00%
				23:00 ~ 00:00	70	70	29	55.17%	10.34%	6.90%	6.90%	3.45%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.45%	0.00%	3.45%	3.45%	3.45%	0.00%	0.00%
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	30	23.33%	6.67%	6.67%	0.00%	3.33%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				01:00 ~ 02:00	70	70	19	26.32%	5.26%	5.26%	0.00%	0.00%	10.53%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%
				02:00 ~ 03:00	70	70	12	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	15	26.67%	6.67%	6.67%	0.00%	0.00%	13.33%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				04:00 ~ 05:00	70	70	19	26.32%	5.26%	5.26%	0.00%	0.00%	10.53%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%
				05:00 ~ 06:00	70	70	30	23.33%	6.67%	6.67%	0.00%	3.33%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				06:00 ~ 07:00	70	69	122	23.77%	6.56%	6.56%	2.46%	1.64%	9.84%	18.85%	0.00%	0.00%	0.00%	0.00%	0.82%	2.46%	0.00%	0.82%	0.82%	25.41%	0.00%	0.00%
				07:00 ~ 08:00	70	68	384	38.02%	9.90%	6.51%	2.08%	1.04%	2.60%	11.20%	0.00%	0.00%	0.00%	0.00%	1.56%	9.90%	0.00%	1.56%	2.60%	13.02%	0.00%	0.00%
				08:00 ~ 09:00	70	67	604	21.69%	3.97%	1.32%	2.15%	0.99%	8.44%	24.50%	0.00%	0.00%	0.00%	0.00%	0.33%	1.32%	0.00%	0.50%	1.16%	33.61%	0.00%	0.00%
				09:00 ~ 10:00	70	68	451	5.32%	0.44%	0.00%	1.55%	0.44%	11.09%	36.59%	0.00%	0.00%	0.00%	0.00%	0.22%	0.00%	0.00%	0.00%	0.00%	44.35%	0.00%	0.00%
				10:00 ~ 11:00	70	68	426	1.64%	0.00%	0.47%	2.35%	2.11%	13.38%	33.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.95%	0.00%	0.00%
				11:00 ~ 12:00	70	68	441	2.95%	0.00%	0.68%	2.72%	2.27%	10.20%	35.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	45.58%	0.00%	0.00%
				12:00 ~ 13:00	70	68	303	7.59%	0.00%	2.97%	2.64%	0.33%	12.21%	30.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.22%	0.00%	0.00%
				13:00 ~ 14:00	70	68	387	4.65%	0.00%	0.52%	3.62%	1.03%	9.04%	36.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.26%	44.70%	0.00%	0.00%
				14:00 ~ 15:00	70	68	428	2.57%	0.00%	0.00%	1.64%	0.23%	16.36%	35.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.16%	0.00%	0.00%
				15:00 ~ 16:00	70	68	366	1.37%	0.00%	0.00%	2.73%	3.01%	11.48%	34.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.99%	0.00%	0.00%
				16:00 ~ 17:00	70	68	359	1.39%	0.28%	1.11%	1.95%	1.39%	12.26%	37.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.01%	0.00%	0.00%
				17:00 ~ 18:00	70	69	284	3.52%	0.00%	0.00%	1.06%	4.58%	10.56%	40.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.14%	0.00%	0.00%
				18:00 ~ 19:00	70	70	48	10.42%	4.17%	0.00%	12.50%	6.25%	20.83%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.83%	0.00%	0.00%
				19:00 ~ 20:00	70	69	151	45.70%	9.27%	5.30%	5.30%	0.00%	8.61%	6.62%	0.00%	0.00%	0.00%	0.00%	2.65%	9.27%	0.00%	3.31%	2.65%	1.32%	0.00%	0.00%
				20:00 ~ 21:00	70	69	118	56.78%	11.02%	4.24%	3.39%	0.00%	6.78%	5.08%	0.00%	0.00%	0.00%	0.00%	0.00%	3.39%	0.00%	3.39%	5.08%	0.85%	0.00%	0.00%
				21:00 ~ 22:00	70	70	88	63.64%	11.36%	2.27%	5.68%	0.00%	6.82%	1.14%	0.00%	0.00%	0.00%	0.00%	0.00%	1.14%	0.00%	4.55%	1.14%	2.27%	0.00%	0.00%
				22:00 ~ 23:00	70	70	45	66.67%	13.33%	4.44%	2.22%	0.00%	6.67%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	2.22%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	25	52.00%	12.00%	12.00%	4.00%	4.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	4.00%	0.00%	4.00%	0.00%	0.00%

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R01	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R02	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R03	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R04	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R05	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R06	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	135
				09:00 ~ 10:00	10	*10*	**164**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	12	0	135
				10:00 ~ 11:00	10	*10*	**161**	0	0	0	0	0	6	11	0	0	0	0	0	0	0	0	9	0	135
				11:00 ~ 12:00	10	*10*	**160**	0	0	0	0	0	5	11	0	0	0	0	0	0	0	0	9	0	135
				12:00 ~ 13:00	10	*10*	**154**	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	7	0	135
				13:00 ~ 14:00	10	*10*	**157**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	8	0	135
				14:00 ~ 15:00	10	*10*	**164**	0	0	0	0	0	6	14	0	0	0	0	0	0	0	0	9	0	135
				15:00 ~ 16:00	10	*10*	**162**	0	0	0	0	0	6	12	0	0	0	0	0	0	0	0	9	0	135
				16:00 ~ 17:00	10	*10*	**156**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	7	0	135
				17:00 ~ 18:00	10	*10*	**162**	0	0	0	0	0	5	13	0	0	0	0	0	0	0	0	9	0	135
				18:00 ~ 19:00	10	*10*	**141**	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R07	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**141**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	2	0	0	135
				09:00 ~ 10:00	10	*10*	**150**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	6	0	0	135
				10:00 ~ 11:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	135
				11:00 ~ 12:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	135
				12:00 ~ 13:00	10	*10*	**145**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	4	0	0	135
				13:00 ~ 14:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	0	135
				14:00 ~ 15:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	0	135
				15:00 ~ 16:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	135
				16:00 ~ 17:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	0	135
				17:00 ~ 18:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	0	135
				18:00 ~ 19:00	10	*10*	**138**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R09	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**6**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	2	0	0	0
				09:00 ~ 10:00	10	*10*	**15**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	6	0	0	0
				10:00 ~ 11:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	0
				11:00 ~ 12:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	0
				12:00 ~ 13:00	10	*10*	**10**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	4	0	0	0
				13:00 ~ 14:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	0	0
				14:00 ~ 15:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	0	0
				15:00 ~ 16:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	0	0
				16:00 ~ 17:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	0	0
				17:00 ~ 18:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	0	0
				18:00 ~ 19:00	10	*10*	**3**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R10	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**234**	0	0	0	0	0	20	43	0	0	0	0	0	0	0	0	0	36	0	0	135
				09:00 ~ 10:00	10	*10*	**390**	0	0	0	0	0	36	114	0	0	0	0	0	0	0	0	0	105	0	0	135
				10:00 ~ 11:00	10	*10*	**362**	0	0	0	0	0	50	100	0	0	0	0	0	0	0	0	0	77	0	0	135
				11:00 ~ 12:00	10	*10*	**355**	0	0	0	0	0	41	95	0	0	0	0	0	0	0	0	0	84	0	0	135
				12:00 ~ 13:00	10	*10*	**314**	0	0	0	0	0	38	74	0	0	0	0	0	0	0	0	0	67	0	0	135
				13:00 ~ 14:00	10	*10*	**328**	0	0	0	0	0	36	89	0	0	0	0	0	0	0	0	0	68	0	0	135
				14:00 ~ 15:00	10	*10*	**399**	0	0	0	0	0	56	128	0	0	0	0	0	0	0	0	0	80	0	0	135
				15:00 ~ 16:00	10	*10*	**366**	0	0	0	0	0	50	104	0	0	0	0	0	0	0	0	0	77	0	0	135
				16:00 ~ 17:00	10	*10*	**335**	0	0	0	0	0	39	94	0	0	0	0	0	0	0	0	0	67	0	0	135
				17:00 ~ 18:00	10	*10*	**382**	0	0	0	0	0	47	121	0	0	0	0	0	0	0	0	0	79	0	0	135
				18:00 ~ 19:00	10	*10*	**180**	0	0	0	0	0	16	15	0	0	0	0	0	0	0	0	0	14	0	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R11	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				01:00 ~ 02:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				02:00 ~ 03:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				03:00 ~ 04:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				04:00 ~ 05:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				05:00 ~ 06:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				06:00 ~ 07:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				07:00 ~ 08:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				08:00 ~ 09:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				09:00 ~ 10:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				10:00 ~ 11:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				11:00 ~ 12:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				12:00 ~ 13:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				13:00 ~ 14:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				14:00 ~ 15:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				15:00 ~ 16:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				16:00 ~ 17:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				17:00 ~ 18:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				18:00 ~ 19:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				19:00 ~ 20:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				20:00 ~ 21:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				21:00 ~ 22:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				22:00 ~ 23:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				23:00 ~ 00:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R13	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R14	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R15	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
R17	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R19	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R21	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				08:00 ~ 09:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				09:00 ~ 10:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				10:00 ~ 11:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				11:00 ~ 12:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				12:00 ~ 13:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				13:00 ~ 14:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				14:00 ~ 15:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				15:00 ~ 16:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				16:00 ~ 17:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				17:00 ~ 18:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				18:00 ~ 19:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				19:00 ~ 20:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				20:00 ~ 21:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				21:00 ~ 22:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				22:00 ~ 23:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R22	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				08:00 ~ 09:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				09:00 ~ 10:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				10:00 ~ 11:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				11:00 ~ 12:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				12:00 ~ 13:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				13:00 ~ 14:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				14:00 ~ 15:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				15:00 ~ 16:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				16:00 ~ 17:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				17:00 ~ 18:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				18:00 ~ 19:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				19:00 ~ 20:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				20:00 ~ 21:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				21:00 ~ 22:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				22:00 ~ 23:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
R25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D2 - Traffic Flow (Year 2025)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-2	Access Road To River Trade Terminal From Lung Mun Road	N	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*30*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**36**	27.78%	2.78%	2.78%	2.78%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.22%	0.00%	0.00%
				07:00 ~ 08:00	30	*29*	**113**	26.55%	4.42%	4.42%	1.77%	0.00%	0.00%	15.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.90%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**130**	13.08%	5.38%	0.00%	0.77%	0.00%	0.00%	16.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.62%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**164**	5.49%	1.22%	0.00%	0.00%	0.00%	6.10%	21.34%	0.00%	0.00%	0.00%	0.00%	0.61%	0.00%	0.00%	0.00%	0.00%	65.24%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**175**	1.14%	0.00%	0.00%	1.71%	0.00%	3.43%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.71%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**161**	1.24%	0.00%	1.86%	1.24%	0.62%	6.21%	24.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	64.60%	0.00%	0.00%
				12:00 ~ 13:00	30	*29*	**123**	7.32%	0.00%	2.44%	0.81%	0.00%	4.07%	18.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				13:00 ~ 14:00	30	*30*	**138**	5.07%	0.72%	0.00%	1.45%	0.72%	0.72%	19.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.74%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**133**	4.51%	0.00%	0.00%	0.00%	0.00%	2.26%	13.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.70%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**135**	1.48%	0.00%	0.00%	0.00%	0.00%	4.44%	21.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.59%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**123**	1.63%	0.81%	1.63%	1.63%	0.00%	1.63%	21.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.73%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**49**	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	18.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	79.59%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-2	Access Road To River Trade Terminal From Lung Mun Road	S	LR	00:00 ~ 01:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*30*	**3**	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				07:00 ~ 08:00	30	*30*	**12**	0.00%	41.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.33%	0.00%	0.00%
				08:00 ~ 09:00	30	*29*	**127**	1.57%	5.51%	0.00%	0.79%	0.00%	0.79%	18.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	73.23%	0.00%	0.00%
				09:00 ~ 10:00	30	*29*	**143**	2.10%	1.40%	0.00%	0.00%	0.70%	1.40%	21.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.73%	0.00%	0.00%
				10:00 ~ 11:00	30	*29*	**153**	3.27%	0.00%	1.31%	1.96%	0.00%	5.23%	20.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	67.32%	0.00%	0.00%
				11:00 ~ 12:00	30	*29*	**187**	6.95%	0.00%	1.60%	1.60%	0.00%	7.49%	19.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	63.10%	0.00%	0.00%
				12:00 ~ 13:00	30	*30*	**91**	5.49%	0.00%	2.20%	1.10%	1.10%	13.19%	16.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.44%	0.00%	0.00%
				13:00 ~ 14:00	30	*29*	**155**	5.16%	0.65%	0.65%	0.65%	0.00%	3.23%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.65%	0.00%	0.00%	0.00%	69.03%	0.00%	0.00%
				14:00 ~ 15:00	30	*29*	**148**	2.03%	0.00%	0.00%	0.68%	0.00%	4.05%	18.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	74.32%	0.00%	0.00%
				15:00 ~ 16:00	30	*29*	**138**	5.07%	0.00%	0.00%	0.00%	0.00%	2.17%	21.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.74%	0.00%	0.00%
				16:00 ~ 17:00	30	*29*	**145**	9.66%	0.69%	0.00%	0.69%	0.00%	1.38%	15.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.41%	0.00%	0.00%
				17:00 ~ 18:00	30	*30*	**92**	16.30%	0.00%	0.00%	2.17%	0.00%	0.00%	16.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	65.22%	0.00%	0.00%
				18:00 ~ 19:00	30	*30*	**29**	72.41%	0.00%	3.45%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.69%	0.00%	0.00%
				19:00 ~ 20:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	E	LD	00:00 ~ 01:00	70	70	32	31.25%	6.25%	3.13%	6.25%	3.13%	9.38%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	3.13%	0.00%	0.00%	3.13%	15.63%	0.00%	0.00%
				01:00 ~ 02:00	70	70	20	30.00%	5.00%	5.00%	5.00%	5.00%	10.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	12	41.67%	8.33%	0.00%	8.33%	0.00%	8.33%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				03:00 ~ 04:00	70	70	16	37.50%	6.25%	6.25%	6.25%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				04:00 ~ 05:00	70	70	20	30.00%	5.00%	5.00%	5.00%	5.00%	10.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	31	29.03%	6.45%	3.23%	6.45%	3.23%	9.68%	19.35%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	3.23%	16.13%	0.00%	0.00%
				06:00 ~ 07:00	70	69	128	29.69%	7.03%	3.91%	7.81%	2.34%	10.16%	17.97%	0.00%	0.00%	0.00%	0.00%	0.00%	2.34%	0.00%	0.78%	1.56%	16.41%	0.00%	0.00%
				07:00 ~ 08:00	70	69	298	34.56%	12.75%	0.00%	9.73%	0.67%	8.39%	6.04%	0.00%	0.00%	0.00%	0.00%	0.00%	8.05%	0.00%	0.34%	2.68%	16.78%	0.00%	0.00%
				08:00 ~ 09:00	70	67	567	19.93%	13.76%	3.70%	7.05%	2.47%	10.76%	18.34%	0.00%	0.00%	0.35%	0.00%	0.00%	4.06%	0.00%	0.88%	1.41%	17.28%	0.00%	0.00%
				09:00 ~ 10:00	70	68	470	12.77%	12.98%	4.04%	8.72%	4.26%	9.36%	20.85%	0.00%	0.00%	0.00%	0.00%	0.21%	0.21%	0.00%	0.64%	0.64%	25.32%	0.00%	0.00%
				10:00 ~ 11:00	70	67	571	19.79%	9.28%	3.50%	5.95%	7.18%	12.26%	19.26%	0.00%	0.00%	0.00%	0.18%	0.00%	0.53%	0.00%	0.88%	0.35%	20.84%	0.00%	0.00%
				11:00 ~ 12:00	70	67	663	27.90%	8.60%	4.07%	9.50%	4.22%	12.37%	14.48%	0.00%	0.00%	0.00%	0.00%	0.15%	0.30%	0.00%	1.36%	0.30%	16.74%	0.00%	0.00%
				12:00 ~ 13:00	70	67	546	27.66%	10.44%	2.75%	8.24%	4.03%	8.42%	19.05%	0.00%	0.00%	0.00%	0.00%	0.18%	1.10%	0.00%	1.28%	1.28%	15.57%	0.00%	0.00%
				13:00 ~ 14:00	70	67	546	25.27%	6.96%	3.66%	6.41%	4.03%	11.36%	21.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.37%	0.00%	0.92%	1.47%	18.50%	0.00%	0.00%
				14:00 ~ 15:00	70	68	476	17.86%	4.62%	4.41%	3.57%	2.31%	15.55%	29.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.63%	0.00%	1.05%	1.05%	19.54%	0.00%	0.00%
				15:00 ~ 16:00	70	67	534	28.65%	4.68%	1.87%	5.62%	2.62%	16.67%	20.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	1.12%	0.37%	17.23%	0.00%	0.00%
				16:00 ~ 17:00	70	67	582	30.41%	5.15%	6.87%	7.73%	3.44%	10.82%	18.56%	0.00%	0.00%	0.00%	0.00%	0.86%	0.52%	0.00%	1.03%	1.55%	13.06%	0.00%	0.00%
				17:00 ~ 18:00	70	65	919	48.31%	3.48%	4.24%	7.51%	3.05%	5.11%	10.45%	0.00%	0.00%	0.00%	0.00%	0.98%	6.31%	0.00%	1.63%	4.68%	4.24%	0.00%	0.00%
				18:00 ~ 19:00	70	68	361	42.11%	4.43%	3.60%	9.42%	1.66%	6.37%	12.19%	0.00%	0.00%	0.00%	0.00%	3.32%	4.16%	0.00%	1.94%	4.71%	6.09%	0.00%	0.00%
				19:00 ~ 20:00	70	69	282	47.87%	7.09%	4.61%	6.03%	1.42%	4.26%	8.16%	0.00%	0.00%	0.00%	0.00%	1.06%	7.80%	0.00%	2.48%	4.26%	4.96%	0.00%	0.00%
				20:00 ~ 21:00	70	69	138	52.17%	7.25%	3.62%	5.80%	2.17%	5.80%	11.59%	0.00%	0.00%	0.00%	0.00%	0.00%	3.62%	0.00%	3.62%	2.17%	2.17%	0.00%	0.00%
				21:00 ~ 22:00	70	70	87	51.72%	11.49%	2.30%	2.30%	1.15%	6.90%	8.05%	0.00%	0.00%	0.00%	0.00%	0.00%	1.15%	0.00%	5.75%	2.30%	6.90%	0.00%	0.00%
				22:00 ~ 23:00	70	70	45	55.56%	17.78%	4.44%	4.44%	4.44%	2.22%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	2.22%	4.44%	0.00%	0.00%
				23:00 ~ 00:00	70	70	43	32.56%	6.98%	2.33%	4.65%	2.33%	11.63%	18.60%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	2.33%	16.28%	0.00%	0.00%
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	W	LD	00:00 ~ 01:00	70	70	28	28.57%	7.14%	7.14%	0.00%	3.57%	10.71%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	17.86%	0.00%	0.00%
				01:00 ~ 02:00	70	70	17	35.29%	5.88%	5.88%	0.00%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	17.65%	0.00%	0.00%
				02:00 ~ 03:00	70	70	10	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	14	35.71%	7.14%	7.14%	0.00%	0.00%	14.29%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				04:00 ~ 05:00	70	70	17	35.29%	5.88%	5.88%	0.00%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	17.65%	0.00%	0.00%
				05:00 ~ 06:00	70	70	28	28.57%	7.14%	7.14%	0.00%	3.57%	10.71%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	17.86%	0.00%	0.00%
				06:00 ~ 07:00	70	69	115	27.83%	7.83%	7.83%	3.48%	1.74%	10.43%	19.13%	0.00%	0.00%	0.00%	0.00%	0.87%	2.61%	0.00%	0.87%	0.87%	16.52%	0.00%	0.00%
				07:00 ~ 08:00	70	68	452	44.03%	5.53%	2.65%	2.88%	1.11%	1.77%	17.70%	0.00%	0.00%	0.00%	0.00%	1.11%	7.96%	0.00%	2.65%	3.98%	8.63%	0.00%	0.00%
				08:00 ~ 09:00	70	67	535	24.11%	3.74%	1.68%	3.36%	1.31%	9.53%	25.98%	0.00%	0.00%	0.00%	0.00%	0.37%	1.68%	0.00%	0.56%	1.68%	25.98%	0.00%	0.00%
				09:00 ~ 10:00	70	68	326	6.44%	0.00%	0.31%	2.76%	0.92%	14.11%	42.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.31%	32.82%	0.00%	0.00%
				10:00 ~ 11:00	70	69	287	2.44%	0.00%	0.70%	3.14%	3.48%	19.51%	39.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.35%	31.01%	0.00%	0.00%
				11:00 ~ 12:00	70	68	317	5.05%	0.00%	0.00%	4.10%	3.15%	10.73%	41.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	35.33%	0.00%	0.00%
				12:00 ~ 13:00	70	69	213	8.45%	0.00%	2.82%	5.16%	0.94%	16.43%	36.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.05%	0.00%	0.00%
				13:00 ~ 14:00	70	69	295	6.78%	0.00%	0.68%	6.10%	1.69%	12.54%	41.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%	30.17%	0.00%	0.00%
				14:00 ~ 15:00	70	68	335	2.09%	0.00%	0.00%	2.99%	0.30%	22.09%	41.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.75%	0.00%	0.00%
				15:00 ~ 16:00	70	69	265	1.89%	0.00%	0.00%	4.53%	4.53%	14.72%	40.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.96%	0.00%	0.00%
				16:00 ~ 17:00	70	69	269	2.23%	0.00%	0.74%	3.35%	2.23%	15.61%	44.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.60%	0.00%	0.00%
				17:00 ~ 18:00	70	69	256	5.47%	0.00%	0.00%	1.95%	5.47%	13.67%	41.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.03%	0.00%	0.00%
				18:00 ~ 19:00	70	70	57	14.04%	3.51%	0.00%	15.79%	5.26%	19.30%	22.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.30%	0.00%	0.00%
				19:00 ~ 20:00	70	69	232	40.95%	7.76%	10.34%	2.59%	1.29%	4.31%	9.48%	0.00%	0.00%	0.00%	0.00%	1.29%	10.34%	0.00%	3.02%	3.02%	5.60%	0.00%	0.00%
				20:00 ~ 21:00	70	69	118	48.31%	8.47%	7.63%	1.69%	1.69%	6.78%	12.71%	0.00%	0.00%	0.00%	0.00%	0.00%	4.24%	0.00%	4.24%	1.69%	2.54%	0.00%	0.00%
				21:00 ~ 22:00	70	70	76	47.37%	13.16%	6.58%	0.00%	1.32%	6.58%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	1.32%	0.00%	6.58%	1.32%	7.89%	0.00%	0.00%
				22:00 ~ 23:00	70	70	40	50.00%	20.00%	12.50%	0.00%	2.50%	2.50%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	2.50%	5.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	40	27.50%	7.50%	7.50%	0.00%	2.50%	12.50%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	2.50%	0.00%	17.50%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	*70*	**23**	39.13%	8.70%	0.00%	13.04%	4.35%	8.70%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	4.35%	8.70%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**16**	43.75%	12.50%	0.00%	12.50%	0.00%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**10**	50.00%	10.00%	0.00%	10.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**12**	50.00%	8.33%	0.00%	8.33%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**16**	43.75%	12.50%	0.00%	12.50%	0.00%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**23**	39.13%	8.70%	0.00%	13.04%	4.35%	8.70%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%	4.35%	8.70%	0.00%	0.00%
				06:00 ~ 07:00	70	*69*	**103**	37.86%	9.71%	0.97%	14.56%	1.94%	8.74%	9.71%	0.00%	0.00%	0.00%	0.00%	0.97%	2.91%	0.00%	0.97%	1.94%	9.71%	0.00%	0.00%
				07:00 ~ 08:00	70	*69*	**242**	31.40%	16.53%	0.00%	11.57%	0.83%	3.31%	3.31%	0.00%	0.00%	0.41%	0.00%	2.89%	17.77%	0.00%	0.83%	3.31%	7.85%	0.00%	0.00%
				08:00 ~ 09:00	70	*68*	**418**	19.86%	20.10%	2.15%	9.09%	1.20%	5.26%	13.40%	0.00%	0.00%	0.00%	0.00%	4.31%	9.57%	0.00%	2.15%	1.91%	11.00%	0.00%	0.00%
				09:00 ~ 10:00	70	*68*	**401**	18.95%	15.21%	1.25%	13.47%	4.24%	11.22%	15.46%	0.00%	0.00%	0.00%	0.00%	0.25%	1.25%	0.00%	1.50%	0.75%	16.46%	0.00%	0.00%
				10:00 ~ 11:00	70	*68*	**489**	23.93%	12.68%	1.02%	14.52%	3.89%	14.72%	11.66%	0.00%	0.20%	0.20%	0.00%	0.00%	0.61%	0.00%	1.02%	0.41%	15.13%	0.00%	0.00%
				11:00 ~ 12:00	70	*67*	**594**	33.00%	11.28%	0.17%	17.17%	2.19%	13.13%	8.75%	0.00%	0.00%	0.17%	0.00%	0.17%	0.34%	0.00%	1.35%	0.34%	11.95%	0.00%	0.00%
				12:00 ~ 13:00	70	*68*	**451**	31.93%	11.53%	1.11%	15.96%	3.55%	9.98%	10.86%	0.00%	0.00%	0.00%	0.00%	0.22%	1.55%	0.00%	1.77%	1.33%	10.20%	0.00%	0.00%
				13:00 ~ 14:00	70	*67*	**573**	27.05%	6.81%	1.05%	12.39%	4.54%	12.91%	15.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	1.22%	1.40%	15.88%	0.00%	0.00%
				14:00 ~ 15:00	70	*68*	**315**	25.71%	8.89%	0.95%	11.11%	2.54%	13.33%	18.73%	0.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.95%	2.54%	14.92%	0.00%	0.00%
				15:00 ~ 16:00	70	*68*	**409**	35.70%	5.62%	0.49%	11.25%	4.16%	14.43%	13.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%	0.00%	1.47%	0.49%	12.47%	0.00%	0.00%
				16:00 ~ 17:00	70	*67*	**534**	36.52%	5.43%	0.94%	16.85%	3.75%	9.74%	12.92%	0.00%	0.00%	0.00%	0.00%	1.12%	0.56%	0.00%	1.12%	2.43%	8.61%	0.00%	0.00%
				17:00 ~ 18:00	70	*66*	**812**	53.08%	4.06%	0.86%	11.08%	1.97%	4.56%	5.42%	0.00%	0.00%	0.00%	0.00%	0.99%	7.51%	0.00%	1.72%	5.05%	3.69%	0.00%	0.00%
				18:00 ~ 19:00	70	*68*	**484**	55.58%	4.34%	0.41%	10.74%	0.62%	3.93%	6.20%	0.00%	0.00%	0.00%	0.00%	2.89%	6.20%	0.00%	1.24%	4.55%	3.31%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**292**	55.48%	7.19%	0.34%	11.30%	0.68%	2.40%	4.11%	0.00%	0.00%	0.00%	0.00%	2.05%	7.88%	0.00%	1.71%	4.45%	2.40%	0.00%	0.00%
				20:00 ~ 21:00	70	*69*	**128**	50.00%	11.72%	0.78%	11.72%	2.34%	4.69%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	4.69%	0.00%	4.69%	1.56%	1.56%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**62**	45.16%	16.13%	0.00%	9.68%	0.00%	11.29%	4.84%	0.00%	0.00%	0.00%	0.00%	0.00%	1.61%	0.00%	8.06%	3.23%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**35**	42.86%	22.86%	2.86%	8.57%	2.86%	0.00%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%	5.71%	2.86%	5.71%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**40**	37.50%	12.50%	0.00%	12.50%	2.50%	7.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	2.50%	2.50%	7.50%	0.00%	0.00%
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	*70*	**22**	40.91%	9.09%	4.55%	9.09%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**15**	40.00%	13.33%	0.00%	6.67%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**8**	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**11**	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**15**	40.00%	13.33%	0.00%	6.67%	6.67%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%	0.00%	6.67%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**22**	40.91%	9.09%	4.55%	9.09%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				06:00 ~ 07:00	70	*70*	**100**	37.00%	10.00%	2.00%	12.00%	5.00%	8.00%	10.00%	0.00%	0.00%	0.00%	0.00%	1.00%	3.00%	0.00%	1.00%	1.00%	10.00%	0.00%	0.00%
				07:00 ~ 08:00	70	*67*	**543**	53.78%	8.66%	2.21%	6.63%	1.66%	0.92%	5.71%	0.00%	0.00%	0.55%	0.00%	1.66%	9.21%	0.00%	2.21%	3.68%	3.13%	0.00%	0.00%
				08:00 ~ 09:00	70	*66*	**736**	48.23%	10.05%	2.45%	9.51%	2.31%	4.62%	6.79%	0.00%	0.00%	0.00%	0.00%	1.22%	3.40%	0.00%	0.95%	2.31%	8.15%	0.00%	0.00%
				09:00 ~ 10:00	70	*67*	**641**	35.26%	12.01%	2.18%	13.57%	6.08%	7.02%	9.05%	0.00%	0.00%	0.00%	0.16%	0.16%	0.47%	0.00%	1.09%	1.72%	11.23%	0.00%	0.00%
				10:00 ~ 11:00	70	*67*	**529**	29.11%	11.34%	2.27%	12.67%	6.99%	11.91%	8.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.38%	0.00%	1.51%	1.32%	13.99%	0.00%	0.00%
				11:00 ~ 12:00	70	*68*	**467**	23.98%	14.78%	3.85%	10.49%	5.57%	13.49%	13.70%	0.00%	0.00%	0.00%	0.00%	0.21%	0.64%	0.00%	1.50%	0.64%	11.13%	0.00%	0.00%
				12:00 ~ 13:00	70	*68*	**416**	28.61%	8.65%	1.92%	16.35%	4.33%	8.89%	12.02%	0.00%	0.00%	0.00%	0.00%	0.00%	1.20%	0.00%	1.44%	0.24%	16.35%	0.00%	0.00%
				13:00 ~ 14:00	70	*68*	**487**	32.03%	7.60%	1.85%	12.32%	6.16%	9.24%	13.76%	0.00%	0.00%	0.00%	0.00%	0.00%	1.03%	0.00%	1.23%	0.82%	13.96%	0.00%	0.00%
				14:00 ~ 15:00	70	*68*	**407**	25.80%	7.13%	3.93%	11.06%	6.14%	11.30%	16.71%	0.00%	0.00%	0.00%	0.00%	0.25%	0.49%	0.00%	1.47%	0.25%	15.48%	0.00%	0.00%
				15:00 ~ 16:00	70	*68*	**332**	23.80%	7.23%	0.90%	9.04%	10.24%	10.84%	17.47%	0.00%	0.00%	0.00%	0.00%	2.11%	1.51%	0.00%	1.81%	0.00%	15.06%	0.00%	0.00%
				16:00 ~ 17:00	70	*68*	**365**	23.01%	7.67%	1.64%	12.33%	4.38%	8.49%	15.89%	0.00%	0.00%	0.00%	0.00%	1.92%	8.77%	0.00%	1.92%	0.82%	13.15%	0.00%	0.00%
				17:00 ~ 18:00	70	*68*	**333**	21.32%	12.01%	1.80%	9.01%	6.01%	5.71%	11.41%	0.00%	0.00%	0.60%	0.00%	2.40%	13.81%	0.00%	2.40%	1.50%	12.01%	0.00%	0.00%
				18:00 ~ 19:00	70	*69*	**227**	41.41%	9.25%	4.41%	8.37%	4.41%	5.73%	8.81%	0.00%	0.00%	0.00%	0.00%	2.20%	3.96%	0.00%	2.20%	3.52%	5.73%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**198**	43.43%	8.59%	4.04%	7.07%	3.03%	4.04%	4.55%	0.00%	0.00%	0.00%	0.00%	1.52%	12.63%	0.00%	4.04%	3.03%	4.04%	0.00%	0.00%
				20:00 ~ 21:00	70	*69*	**119**	59.66%	5.04%	1.68%	7.56%	4.20%	5.04%	5.04%	0.00%	0.00%	0.00%	0.00%	0.00%	4.20%	0.00%	4.20%	2.52%	0.84%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**87**	60.92%	10.34%	2.30%	3.45%	2.30%	2.30%	2.30%	0.00%	0.00%	0.00%	0.00%	0.00%	2.30%	0.00%	5.75%	1.15%	6.90%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**49**	61.22%	20.41%	0.00%	6.12%	6.12%	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	2.04%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**39**	35.90%	12.82%	2.56%	7.69%	5.13%	7.69%	12.82%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	2.56%	2.56%	7.69%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	*70*	**32**	31.25%	6.25%	3.13%	6.25%	3.13%	9.38%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	3.13%	0.00%	0.00%	3.13%	15.63%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**20**	30.00%	5.00%	5.00%	5.00%	5.00%	10.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**12**	41.67%	8.33%	0.00%	8.33%	0.00%	8.33%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**16**	37.50%	6.25%	6.25%	6.25%	0.00%	12.50%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**20**	30.00%	5.00%	5.00%	5.00%	5.00%	10.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**31**	29.03%	6.45%	3.23%	6.45%	3.23%	9.68%	19.35%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%	3.23%	16.13%	0.00%	0.00%
				06:00 ~ 07:00	70	*69*	**128**	29.69%	7.03%	3.91%	7.81%	2.34%	10.16%	17.97%	0.00%	0.00%	0.00%	0.00%	0.00%	2.34%	0.00%	0.78%	1.56%	16.41%	0.00%	0.00%
				07:00 ~ 08:00	70	*69*	**298**	34.56%	12.75%	0.00%	9.73%	0.67%	8.39%	6.04%	0.00%	0.00%	0.00%	0.00%	0.00%	8.05%	0.00%	0.34%	2.68%	16.78%	0.00%	0.00%
				08:00 ~ 09:00	70	*68*	**567**	19.93%	13.76%	3.70%	7.05%	2.47%	10.76%	18.34%	0.00%	0.00%	0.35%	0.00%	0.00%	4.06%	0.00%	0.88%	1.41%	17.28%	0.00%	0.00%
				09:00 ~ 10:00	70	*68*	**470**	12.77%	12.98%	4.04%	8.72%	4.26%	9.36%	20.85%	0.00%	0.00%	0.00%	0.00%	0.21%	0.21%	0.00%	0.64%	0.64%	25.32%	0.00%	0.00%
				10:00 ~ 11:00	70	*68*	**571**	19.79%	9.28%	3.50%	5.95%	7.18%	12.26%	19.26%	0.00%	0.00%	0.00%	0.18%	0.00%	0.53%	0.00%	0.88%	0.35%	20.84%	0.00%	0.00%
				11:00 ~ 12:00	70	*67*	**663**	27.90%	8.60%	4.07%	9.50%	4.22%	12.37%	14.48%	0.00%	0.00%	0.00%	0.00%	0.15%	0.30%	0.00%	1.36%	0.30%	16.74%	0.00%	0.00%
				12:00 ~ 13:00	70	*68*	**546**	27.66%	10.44%	2.75%	8.24%	4.03%	8.42%	19.05%	0.00%	0.00%	0.00%	0.00%	0.18%	1.10%	0.00%	1.28%	1.28%	15.57%	0.00%	0.00%
				13:00 ~ 14:00	70	*68*	**546**	25.27%	6.96%	3.66%	6.41%	4.03%	11.36%	21.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.37%	0.00%	0.92%	1.47%	18.50%	0.00%	0.00%
				14:00 ~ 15:00	70	*68*	**476**	17.86%	4.62%	4.41%	3.57%	2.31%	15.55%	29.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.63%	0.00%	1.05%	1.05%	19.54%	0.00%	0.00%
				15:00 ~ 16:00	70	*68*	**534**	28.65%	4.68%	1.87%	5.62%	2.62%	16.67%	20.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	1.12%	0.37%	17.23%	0.00%	0.00%
				16:00 ~ 17:00	70	*68*	**582**	30.41%	5.15%	6.87%	7.73%	3.44%	10.82%	18.56%	0.00%	0.00%	0.00%	0.00%	0.86%	0.52%	0.00%	1.03%	1.55%	13.06%	0.00%	0.00%
				17:00 ~ 18:00	70	*66*	**919**	48.31%	3.48%	4.24%	7.51%	3.05%	5.11%	10.45%	0.00%	0.00%	0.00%	0.00%	0.98%	6.31%	0.00%	1.63%	4.68%	4.24%	0.00%	0.00%
				18:00 ~ 19:00	70	*69*	**361**	42.11%	4.43%	3.60%	9.42%	1.66%	6.37%	12.19%	0.00%	0.00%	0.00%	0.00%	3.32%	4.16%	0.00%	1.94%	4.71%	6.09%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**282**	47.87%	7.09%	4.61%	6.03%	1.42%	4.26%	8.16%	0.00%	0.00%	0.00%	0.00%	1.06%	7.80%	0.00%	2.48%	4.26%	4.96%	0.00%	0.00%
				20:00 ~ 21:00	70	*69*	**138**	52.17%	7.25%	3.62%	5.80%	2.17%	5.80%	11.59%	0.00%	0.00%	0.00%	0.00%	0.00%	3.62%	0.00%	3.62%	2.17%	2.17%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**87**	51.72%	11.49%	2.30%	2.30%	1.15%	6.90%	8.05%	0.00%	0.00%	0.00%	0.00%	0.00%	1.15%	0.00%	5.75%	2.30%	6.90%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**45**	55.56%	17.78%	4.44%	4.44%	4.44%	2.22%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	2.22%	4.44%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**43**	32.56%	6.98%	2.33%	4.65%	2.33%	11.63%	18.60%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	2.33%	16.28%	0.00%	0.00%
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	*70*	**28**	28.57%	7.14%	7.14%	0.00%	3.57%	10.71%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	17.86%	0.00%	0.00%
				01:00 ~ 02:00	70	*70*	**17**	35.29%	5.88%	5.88%	0.00%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	17.65%	0.00%	0.00%
				02:00 ~ 03:00	70	*70*	**10**	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				03:00 ~ 04:00	70	*70*	**14**	35.71%	7.14%	7.14%	0.00%	0.00%	14.29%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				04:00 ~ 05:00	70	*70*	**17**	35.29%	5.88%	5.88%	0.00%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	17.65%	0.00%	0.00%
				05:00 ~ 06:00	70	*70*	**28**	28.57%	7.14%	7.14%	0.00%	3.57%	10.71%	21.43%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	17.86%	0.00%	0.00%
				06:00 ~ 07:00	70	*70*	**115**	27.83%	7.83%	7.83%	3.48%	1.74%	10.43%	19.13%	0.00%	0.00%	0.00%	0.00%	0.87%	2.61%	0.00%	0.87%	0.87%	16.52%	0.00%	0.00%
				07:00 ~ 08:00	70	*68*	**452**	44.03%	5.53%	2.65%	2.88%	1.11%	1.77%	17.70%	0.00%	0.00%	0.00%	0.00%	1.11%	7.96%	0.00%	2.65%	3.98%	8.63%	0.00%	0.00%
				08:00 ~ 09:00	70	*68*	**538**	23.79%	3.72%	1.67%	3.35%	1.30%	10.22%	25.84%	0.00%	0.00%	0.00%	0.00%	0.37%	1.67%	0.00%	0.56%	1.67%	25.84%	0.00%	0.00%
				09:00 ~ 10:00	70	*69*	**322**	5.90%	0.00%	0.00%	2.80%	0.93%	13.04%	43.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.31%	33.23%	0.00%	0.00%
				10:00 ~ 11:00	70	*69*	**289**	2.42%	0.00%	0.69%	3.11%	3.46%	19.03%	40.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.35%	30.80%	0.00%	0.00%
				11:00 ~ 12:00	70	*69*	**317**	4.42%	0.00%	0.00%	4.10%	3.15%	11.99%	40.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	35.33%	0.00%	0.00%
				12:00 ~ 13:00	70	*69*	**210**	8.10%	0.00%	2.86%	5.24%	0.95%	16.19%	36.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.48%	0.00%	0.00%
				13:00 ~ 14:00	70	*69*	**292**	5.82%	0.00%	0.68%	5.82%	1.71%	12.67%	42.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%	30.48%	0.00%	0.00%
				14:00 ~ 15:00	70	*69*	**333**	2.40%	0.00%	0.00%	3.00%	0.30%	21.32%	42.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.93%	0.00%	0.00%
				15:00 ~ 16:00	70	*69*	**267**	1.87%	0.00%	0.00%	4.49%	4.49%	14.98%	40.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.71%	0.00%	0.00%
				16:00 ~ 17:00	70	*69*	**270**	2.22%	0.00%	0.74%	3.33%	2.22%	16.30%	43.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.48%	0.00%	0.00%
				17:00 ~ 18:00	70	*69*	**253**	4.35%	0.00%	0.00%	1.98%	5.53%	12.25%	43.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	32.81%	0.00%	0.00%
				18:00 ~ 19:00	70	*70*	**56**	12.50%	3.57%	0.00%	16.07%	5.36%	19.64%	23.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.64%	0.00%	0.00%
				19:00 ~ 20:00	70	*69*	**243**	43.62%	7.41%	9.88%	2.47%	1.23%	4.12%	9.05%	0.00%	0.00%	0.00%	0.00%	1.23%	9.88%	0.00%	2.88%	2.88%	5.35%	0.00%	0.00%
				20:00 ~ 21:00	70	*70*	**118**	48.31%	8.47%	7.63%	1.69%	1.69%	6.78%	12.71%	0.00%	0.00%	0.00%	0.00%	0.00%	4.24%	0.00%	4.24%	1.69%	2.54%	0.00%	0.00%
				21:00 ~ 22:00	70	*70*	**76**	47.37%	13.16%	6.58%	0.00%	1.32%	6.58%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	1.32%	0.00%	6.58%	1.32%	7.89%	0.00%	0.00%
				22:00 ~ 23:00	70	*70*	**40**	50.00%	20.00%	12.50%	0.00%	2.50%	2.50%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	2.50%	5.00%	0.00%	0.00%
				23:00 ~ 00:00	70	*70*	**40**	27.50%	7.50%	7.50%	0.00%	2.50%	12.50%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	2.50%	0.00%	17.50%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**5**	40.00%	0.00%	0.00%	20.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*42*	**42**	64.29%	7.14%	0.00%	7.14%	2.38%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	11.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*39*	**55**	58.18%	9.09%	0.00%	12.73%	3.64%	3.64%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	3.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*39*	**55**	52.73%	9.09%	3.64%	9.09%	3.64%	10.91%	1.82%	0.00%	0.00%	0.00%	0.00%	1.82%	5.45%	0.00%	0.00%	0.00%	1.82%	0.00%	0.00%
				10:00 ~ 11:00	50	*42*	**41**	34.15%	0.00%	12.20%	19.51%	0.00%	29.27%	2.44%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*41*	**46**	19.57%	4.35%	10.87%	10.87%	4.35%	19.57%	10.87%	0.00%	0.00%	0.00%	0.00%	0.00%	15.22%	0.00%	0.00%	4.35%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*44*	**30**	26.67%	3.33%	6.67%	16.67%	3.33%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*43*	**34**	26.47%	2.94%	5.88%	8.82%	5.88%	20.59%	26.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%	0.00%
				14:00 ~ 15:00	50	*40*	**48**	29.17%	0.00%	18.75%	0.00%	4.17%	4.17%	29.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.58%	0.00%	0.00%
				15:00 ~ 16:00	50	*45*	**27**	7.41%	3.70%	3.70%	18.52%	7.41%	22.22%	29.63%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	0.00%	0.00%	3.70%	0.00%	0.00%
				16:00 ~ 17:00	50	*45*	**24**	12.50%	0.00%	4.17%	8.33%	0.00%	41.67%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
				17:00 ~ 18:00	50	*42*	**42**	4.76%	0.00%	11.90%	11.90%	4.76%	11.90%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**13**	7.69%	0.00%	7.69%	7.69%	7.69%	7.69%	53.85%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*48*	**9**	55.56%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**12**	41.67%	41.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**16**	12.50%	31.25%	0.00%	0.00%	6.25%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	6.25%	18.75%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**20**	30.00%	0.00%	30.00%	25.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*43*	**35**	45.71%	5.71%	14.29%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	5.71%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**24**	25.00%	4.17%	8.33%	12.50%	4.17%	20.83%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
				13:00 ~ 14:00	50	*44*	**29**	24.14%	3.45%	6.90%	6.90%	3.45%	20.69%	27.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.90%	0.00%	0.00%
				14:00 ~ 15:00	50	*43*	**36**	19.44%	0.00%	5.56%	5.56%	5.56%	19.44%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	13.89%	0.00%	0.00%
				15:00 ~ 16:00	50	*42*	**39**	30.77%	2.56%	7.69%	2.56%	2.56%	17.95%	25.64%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				16:00 ~ 17:00	50	*42*	**41**	36.59%	0.00%	7.32%	12.20%	2.44%	21.95%	14.63%	0.00%	0.00%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%	0.00%	2.44%	0.00%	0.00%
				17:00 ~ 18:00	50	*38*	**59**	23.73%	0.00%	3.39%	20.34%	3.39%	15.25%	30.51%	0.00%	0.00%	0.00%	0.00%	0.00%	3.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**20**	25.00%	0.00%	5.00%	15.00%	5.00%	15.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	N	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**4**	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**12**	50.00%	16.67%	25.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**6**	50.00%	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*48*	**4**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**3**	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**1**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**2**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**8**	62.50%	12.50%	12.50%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*45*	**9**	55.56%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**6**	50.00%	0.00%	16.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**4**	50.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**4**	25.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*48*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	E	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**18**	27.78%	0.00%	5.56%	27.78%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*41*	**44**	34.09%	4.55%	2.27%	20.45%	6.82%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	0.00%	0.00%	2.27%	9.09%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**105**	40.95%	4.76%	1.90%	22.86%	6.67%	1.90%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	1.90%	0.00%	0.00%	2.86%	6.67%	0.00%	0.00%
				09:00 ~ 10:00	50	*30*	**101**	41.58%	6.93%	5.94%	15.84%	6.93%	5.94%	4.95%	0.00%	0.00%	0.00%	0.00%	0.99%	2.97%	0.00%	0.00%	1.98%	5.94%	0.00%	0.00%
				10:00 ~ 11:00	50	*34*	**80**	30.00%	1.25%	6.25%	25.00%	5.00%	15.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	1.25%	0.00%	0.00%	3.75%	6.25%	0.00%	0.00%
				11:00 ~ 12:00	50	*32*	**88**	23.86%	5.68%	5.68%	19.32%	6.82%	10.23%	10.23%	0.00%	0.00%	0.00%	0.00%	0.00%	7.95%	0.00%	0.00%	4.55%	5.68%	0.00%	0.00%
				12:00 ~ 13:00	50	*38*	**57**	24.56%	1.75%	1.75%	29.82%	5.26%	10.53%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	1.75%	8.77%	0.00%	0.00%
				13:00 ~ 14:00	50	*33*	**84**	27.38%	1.19%	5.95%	26.19%	7.14%	7.14%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	0.00%	0.00%	3.57%	10.71%	0.00%	0.00%
				14:00 ~ 15:00	50	*36*	**70**	25.71%	0.00%	12.86%	11.43%	5.71%	2.86%	22.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.43%	17.14%	0.00%	0.00%
				15:00 ~ 16:00	50	*40*	**51**	17.65%	1.96%	1.96%	25.49%	7.84%	11.76%	19.61%	0.00%	0.00%	0.00%	0.00%	0.00%	1.96%	0.00%	0.00%	1.96%	9.80%	0.00%	0.00%
				16:00 ~ 17:00	50	*39*	**53**	18.87%	0.00%	1.89%	22.64%	5.66%	18.87%	16.98%	0.00%	0.00%	0.00%	0.00%	0.00%	3.77%	0.00%	0.00%	1.89%	9.43%	0.00%	0.00%
				17:00 ~ 18:00	50	*38*	**61**	11.48%	0.00%	8.20%	18.03%	6.56%	8.20%	37.70%	0.00%	0.00%	0.00%	0.00%	0.00%	3.28%	0.00%	0.00%	1.64%	4.92%	0.00%	0.00%
				18:00 ~ 19:00	50	*41*	**43**	37.21%	0.00%	2.33%	23.26%	4.65%	2.33%	4.65%	0.00%	0.00%	0.00%	0.00%	4.65%	6.98%	0.00%	0.00%	6.98%	6.98%	0.00%	0.00%
				19:00 ~ 20:00	50	*45*	**26**	26.92%	0.00%	3.85%	19.23%	7.69%	3.85%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	19.23%	0.00%	0.00%	3.85%	7.69%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**12**	25.00%	0.00%	8.33%	16.67%	8.33%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**4**	25.00%	25.00%	0.00%	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	W	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**17**	29.41%	0.00%	0.00%	29.41%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				07:00 ~ 08:00	50	*44*	**30**	30.00%	6.67%	0.00%	30.00%	10.00%	0.00%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	13.33%	0.00%	0.00%
				08:00 ~ 09:00	50	*42*	**41**	29.27%	12.20%	0.00%	21.95%	7.32%	0.00%	7.32%	0.00%	0.00%	0.00%	0.00%	0.00%	4.88%	0.00%	0.00%	4.88%	12.20%	0.00%	0.00%
				09:00 ~ 10:00	50	*39*	**52**	19.23%	13.46%	0.00%	23.08%	9.62%	1.92%	9.62%	0.00%	0.00%	0.00%	0.00%	1.92%	5.77%	0.00%	0.00%	3.85%	11.54%	0.00%	0.00%
				10:00 ~ 11:00	50	*38*	**60**	28.33%	1.67%	11.67%	28.33%	8.33%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.00%	0.00%	3.33%	8.33%	0.00%	0.00%
				11:00 ~ 12:00	50	*34*	**81**	37.04%	6.17%	8.64%	14.81%	4.94%	6.17%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	6.17%	0.00%	0.00%	2.47%	9.88%	0.00%	0.00%
				12:00 ~ 13:00	50	*40*	**49**	30.61%	2.04%	0.00%	24.49%	8.16%	4.08%	10.20%	0.00%	0.00%	0.00%	0.00%	0.00%	6.12%	0.00%	0.00%	2.04%	12.24%	0.00%	0.00%
				13:00 ~ 14:00	50	*30*	**98**	28.57%	1.02%	0.00%	29.59%	7.14%	7.14%	8.16%	0.00%	0.00%	0.00%	0.00%	0.00%	3.06%	0.00%	0.00%	3.06%	12.24%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**60**	21.67%	0.00%	3.33%	16.67%	8.33%	11.67%	18.33%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	1.67%	15.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**61**	26.23%	1.64%	4.92%	14.75%	6.56%	11.48%	19.67%	0.00%	0.00%	0.00%	0.00%	0.00%	1.64%	0.00%	0.00%	1.64%	11.48%	0.00%	0.00%
				16:00 ~ 17:00	50	*35*	**76**	28.95%	0.00%	7.89%	21.05%	5.26%	11.84%	11.84%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	2.63%	7.89%	0.00%	0.00%
				17:00 ~ 18:00	50	*32*	**90**	23.33%	0.00%	2.22%	24.44%	6.67%	10.00%	23.33%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	0.00%	0.00%	2.22%	5.56%	0.00%	0.00%
				18:00 ~ 19:00	50	*41*	**46**	41.30%	0.00%	0.00%	21.74%	4.35%	2.17%	8.70%	0.00%	0.00%	0.00%	0.00%	4.35%	6.52%	0.00%	0.00%	2.17%	8.70%	0.00%	0.00%
				19:00 ~ 20:00	50	*45*	**24**	29.17%	0.00%	0.00%	29.17%	8.33%	4.17%	4.17%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	4.17%	8.33%	0.00%	0.00%
				20:00 ~ 21:00	50	*47*	**13**	53.85%	0.00%	0.00%	23.08%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				21:00 ~ 22:00	50	*48*	**9**	44.44%	11.11%	0.00%	11.11%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	N	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**18**	27.78%	0.00%	5.56%	27.78%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*47*	**43**	27.91%	4.65%	4.65%	20.93%	6.98%	0.00%	11.63%	0.00%	0.00%	0.00%	0.00%	0.00%	11.63%	0.00%	0.00%	2.33%	9.30%	0.00%	0.00%
				08:00 ~ 09:00	50	*42*	**102**	30.39%	5.88%	4.90%	21.57%	5.88%	4.90%	6.86%	0.00%	0.00%	0.00%	0.00%	0.98%	4.90%	0.00%	0.00%	3.92%	9.80%	0.00%	0.00%
				09:00 ~ 10:00	50	*42*	**105**	41.90%	7.62%	6.67%	16.19%	4.76%	4.76%	6.67%	0.00%	0.00%	0.00%	0.00%	0.95%	2.86%	0.00%	0.00%	1.90%	5.71%	0.00%	0.00%
				10:00 ~ 11:00	50	*43*	**93**	26.88%	2.15%	7.53%	22.58%	5.38%	18.28%	6.45%	0.00%	0.00%	0.00%	0.00%	0.00%	2.15%	0.00%	0.00%	3.23%	5.38%	0.00%	0.00%
				11:00 ~ 12:00	50	*43*	**84**	20.24%	5.95%	5.95%	17.86%	7.14%	17.86%	11.90%	0.00%	0.00%	0.00%	0.00%	0.00%	2.38%	0.00%	0.00%	3.57%	7.14%	0.00%	0.00%
				12:00 ~ 13:00	50	*45*	**62**	20.97%	1.61%	1.61%	27.42%	4.84%	12.90%	9.68%	0.00%	0.00%	0.00%	0.00%	0.00%	4.84%	0.00%	0.00%	1.61%	14.52%	0.00%	0.00%
				13:00 ~ 14:00	50	*43*	**88**	29.55%	2.27%	2.27%	25.00%	6.82%	9.09%	7.95%	0.00%	0.00%	0.00%	0.00%	0.00%	3.41%	0.00%	0.00%	3.41%	10.23%	0.00%	0.00%
				14:00 ~ 15:00	50	*45*	**65**	24.62%	1.54%	7.69%	15.38%	6.15%	15.38%	12.31%	0.00%	0.00%	0.00%	0.00%	0.00%	1.54%	0.00%	0.00%	1.54%	13.85%	0.00%	0.00%
				15:00 ~ 16:00	50	*45*	**60**	20.00%	1.67%	1.67%	23.33%	6.67%	13.33%	18.33%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.00%	0.00%	1.67%	11.67%	0.00%	0.00%
				16:00 ~ 17:00	50	*45*	**58**	17.24%	0.00%	3.45%	20.69%	8.62%	15.52%	18.97%	0.00%	0.00%	0.00%	0.00%	1.72%	3.45%	0.00%	0.00%	1.72%	8.62%	0.00%	0.00%
				17:00 ~ 18:00	50	*46*	**52**	19.23%	3.85%	1.92%	15.38%	5.77%	3.85%	32.69%	0.00%	0.00%	0.00%	0.00%	1.92%	5.77%	0.00%	0.00%	1.92%	7.69%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**41**	36.59%	0.00%	2.44%	24.39%	4.88%	2.44%	4.88%	0.00%	0.00%	0.00%	0.00%	4.88%	7.32%	0.00%	0.00%	4.88%	7.32%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**26**	26.92%	0.00%	3.85%	19.23%	7.69%	3.85%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	19.23%	0.00%	0.00%	3.85%	7.69%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**13**	23.08%	0.00%	7.69%	15.38%	7.69%	23.08%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**5**	20.00%	20.00%	0.00%	20.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**3**	33.33%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	S	LD	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**17**	29.41%	0.00%	0.00%	29.41%	5.88%	5.88%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				07:00 ~ 08:00	50	*47*	**34**	23.53%	5.88%	0.00%	26.47%	11.76%	0.00%	8.82%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	2.94%	14.71%	0.00%	0.00%
				08:00 ~ 09:00	50	*46*	**53**	16.98%	11.32%	0.00%	20.75%	5.66%	3.77%	9.43%	0.00%	0.00%	0.00%	0.00%	1.89%	11.32%	0.00%	0.00%	3.77%	15.09%	0.00%	0.00%
				09:00 ~ 10:00	50	*45*	**57**	21.05%	14.04%	0.00%	21.05%	8.77%	8.77%	8.77%	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	0.00%	3.51%	12.28%	0.00%	0.00%
				10:00 ~ 11:00	50	*44*	**73**	23.29%	1.37%	0.00%	32.88%	8.22%	13.70%	8.22%	0.00%	0.00%	0.00%	0.00%	0.00%	2.74%	0.00%	0.00%	2.74%	6.85%	0.00%	0.00%
				11:00 ~ 12:00	50	*42*	**95**	33.68%	5.26%	1.05%	23.16%	5.26%	12.63%	6.32%	0.00%	0.00%	0.00%	0.00%	0.00%	2.11%	0.00%	0.00%	2.11%	8.42%	0.00%	0.00%
				12:00 ~ 13:00	50	*44*	**74**	20.27%	1.35%	0.00%	29.73%	5.41%	17.57%	10.81%	0.00%	0.00%	0.00%	0.00%	0.00%	4.05%	0.00%	0.00%	1.35%	9.46%	0.00%	0.00%
				13:00 ~ 14:00	50	*42*	**104**	26.92%	1.92%	0.00%	31.73%	6.73%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	2.88%	0.00%	0.00%	2.88%	11.54%	0.00%	0.00%
				14:00 ~ 15:00	50	*46*	**54**	14.81%	1.85%	0.00%	20.37%	7.41%	22.22%	14.81%	1.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	12.96%	0.00%	0.00%
				15:00 ~ 16:00	50	*45*	**66**	24.24%	1.52%	0.00%	16.67%	12.12%	12.12%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	1.52%	0.00%	0.00%	1.52%	13.64%	0.00%	0.00%
				16:00 ~ 17:00	50	*44*	**80**	27.50%	0.00%	1.25%	25.00%	5.00%	16.25%	12.50%	0.00%	0.00%	0.00%	0.00%	1.25%	1.25%	0.00%	0.00%	3.75%	6.25%	0.00%	0.00%
				17:00 ~ 18:00	50	*42*	**96**	25.00%	2.08%	1.04%	22.92%	6.25%	7.29%	18.75%	0.00%	0.00%	0.00%	0.00%	1.04%	6.25%	0.00%	0.00%	3.13%	6.25%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**49**	36.73%	0.00%	0.00%	26.53%	4.08%	4.08%	8.16%	0.00%	0.00%	0.00%	0.00%	4.08%	6.12%	0.00%	0.00%	2.04%	8.16%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**24**	29.17%	0.00%	0.00%	29.17%	8.33%	4.17%	4.17%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	4.17%	8.33%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**13**	53.85%	0.00%	0.00%	23.08%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**14**	28.57%	7.14%	0.00%	14.29%	0.00%	35.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**3**	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	E	LD	00:00 ~ 01:00	70	70	19	42.11%	10.53%	0.00%	10.53%	0.00%	10.53%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				01:00 ~ 02:00	70	70	13	46.15%	7.69%	0.00%	15.38%	0.00%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	50.00%	10.00%	0.00%	10.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	13	46.15%	7.69%	0.00%	15.38%	0.00%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				05:00 ~ 06:00	70	70	19	42.11%	10.53%	0.00%	10.53%	0.00%	10.53%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				06:00 ~ 07:00	70	70	91	36.26%	9.89%	1.10%	12.09%	3.30%	7.69%	10.99%	0.00%	0.00%	0.00%	0.00%	1.10%	3.30%	0.00%	1.10%	2.20%	10.99%	0.00%	0.00%
				07:00 ~ 08:00	70	69	219	32.42%	16.89%	0.00%	9.59%	0.46%	3.20%	3.65%	0.00%	0.00%	0.46%	0.00%	3.20%	18.26%	0.00%	0.91%	4.11%	6.85%	0.00%	0.00%
				08:00 ~ 09:00	70	68	368	20.65%	20.11%	2.45%	8.15%	1.09%	5.16%	14.40%	0.00%	0.00%	0.00%	0.00%	4.62%	8.97%	0.00%	2.45%	2.17%	9.78%	0.00%	0.00%
				09:00 ~ 10:00	70	68	334	18.56%	14.07%	2.10%	13.17%	3.89%	11.08%	15.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.90%	0.00%	1.80%	0.90%	17.66%	0.00%	0.00%
				10:00 ~ 11:00	70	68	417	23.74%	14.15%	1.44%	11.99%	3.12%	14.63%	12.23%	0.00%	0.24%	0.00%	0.00%	0.00%	0.24%	0.00%	1.20%	0.48%	16.55%	0.00%	0.00%
				11:00 ~ 12:00	70	68	503	33.20%	11.93%	0.20%	17.30%	1.99%	10.93%	9.15%	0.00%	0.00%	0.00%	0.00%	0.20%	0.20%	0.00%	1.59%	0.40%	12.92%	0.00%	0.00%
				12:00 ~ 13:00	70	68	372	30.91%	13.44%	1.61%	12.90%	3.76%	9.95%	12.37%	0.00%	0.00%	0.00%	0.00%	0.27%	0.54%	0.00%	2.15%	1.88%	10.22%	0.00%	0.00%
				13:00 ~ 14:00	70	68	462	26.62%	8.01%	1.30%	9.09%	4.11%	11.90%	18.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.00%	1.52%	1.52%	16.88%	0.00%	0.00%
				14:00 ~ 15:00	70	69	265	27.92%	9.06%	1.13%	9.43%	2.26%	11.70%	18.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.13%	2.64%	15.85%	0.00%	0.00%
				15:00 ~ 16:00	70	68	348	36.78%	6.03%	0.57%	10.63%	3.74%	12.93%	14.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.72%	0.57%	12.07%	0.00%	0.00%
				16:00 ~ 17:00	70	68	437	36.84%	6.64%	1.14%	15.56%	3.66%	8.70%	12.59%	0.00%	0.00%	0.00%	0.00%	1.37%	0.46%	0.00%	1.37%	2.29%	9.38%	0.00%	0.00%
				17:00 ~ 18:00	70	67	691	56.73%	3.47%	1.01%	9.12%	1.30%	3.91%	3.33%	0.00%	0.00%	0.00%	0.00%	1.01%	8.54%	0.00%	2.03%	5.64%	3.91%	0.00%	0.00%
				18:00 ~ 19:00	70	68	409	53.55%	4.89%	0.49%	10.76%	0.73%	4.16%	6.85%	0.00%	0.00%	0.00%	0.00%	2.93%	5.38%	0.00%	1.47%	5.38%	3.42%	0.00%	0.00%
				19:00 ~ 20:00	70	69	274	55.84%	7.66%	0.73%	9.12%	0.36%	2.19%	4.74%	0.00%	0.00%	0.00%	0.00%	2.19%	8.03%	0.00%	1.82%	4.74%	2.55%	0.00%	0.00%
				20:00 ~ 21:00	70	69	123	47.15%	12.20%	1.63%	10.57%	3.25%	4.88%	7.32%	0.00%	0.00%	0.00%	0.00%	0.00%	4.07%	0.00%	4.88%	1.63%	2.44%	0.00%	0.00%
				21:00 ~ 22:00	70	70	54	46.30%	22.22%	0.00%	11.11%	0.00%	3.70%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	1.85%	0.00%	9.26%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	34	41.18%	20.59%	5.88%	11.76%	2.94%	0.00%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	2.94%	5.88%	0.00%	0.00%
				23:00 ~ 00:00	70	70	30	40.00%	10.00%	0.00%	10.00%	3.33%	6.67%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	3.33%	3.33%	10.00%	0.00%	0.00%
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	W	LD	00:00 ~ 01:00	70	70	19	42.11%	10.53%	0.00%	10.53%	5.26%	5.26%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				01:00 ~ 02:00	70	70	12	50.00%	8.33%	0.00%	8.33%	8.33%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				04:00 ~ 05:00	70	70	12	50.00%	8.33%	0.00%	8.33%	8.33%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				05:00 ~ 06:00	70	70	19	42.11%	10.53%	0.00%	10.53%	5.26%	5.26%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				06:00 ~ 07:00	70	70	88	35.23%	10.23%	2.27%	10.23%	6.82%	6.82%	10.23%	0.00%	0.00%	0.00%	0.00%	1.14%	3.41%	0.00%	1.14%	1.14%	11.36%	0.00%	0.00%
				07:00 ~ 08:00	70	67	507	53.85%	8.88%	1.78%	5.72%	1.78%	0.99%	5.92%	0.00%	0.00%	0.59%	0.00%	1.78%	9.27%	0.00%	2.37%	4.14%	2.96%	0.00%	0.00%
				08:00 ~ 09:00	70	67	609	49.92%	10.18%	1.97%	8.05%	2.13%	4.60%	7.39%	0.00%	0.00%	0.00%	0.00%	1.31%	2.96%	0.00%	1.15%	2.30%	8.05%	0.00%	0.00%
				09:00 ~ 10:00	70	67	511	32.49%	12.33%	1.76%	14.09%	7.05%	6.65%	9.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.37%	1.96%	13.31%	0.00%	0.00%
				10:00 ~ 11:00	70	68	446	27.58%	12.78%	1.57%	11.66%	8.74%	10.09%	9.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.79%	0.90%	15.25%	0.00%	0.00%
				11:00 ~ 12:00	70	68	390	25.38%	16.15%	3.85%	9.74%	5.64%	11.28%	13.08%	0.00%	0.00%	0.00%	0.00%	0.26%	0.51%	0.00%	1.79%	0.51%	11.79%	0.00%	0.00%
				12:00 ~ 13:00	70	68	361	29.92%	9.14%	2.22%	14.13%	4.71%	7.48%	13.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.66%	0.55%	16.62%	0.00%	0.00%
				13:00 ~ 14:00	70	68	386	32.38%	9.07%	1.81%	10.10%	6.48%	6.99%	15.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.26%	0.00%	1.55%	0.78%	15.03%	0.00%	0.00%
				14:00 ~ 15:00	70	68	344	25.58%	7.27%	3.49%	10.47%	6.40%	9.59%	18.02%	0.00%	0.00%	0.00%	0.00%	0.29%	0.29%	0.00%	1.74%	0.58%	16.28%	0.00%	0.00%
				15:00 ~ 16:00	70	69	284	24.30%	7.75%	0.70%	8.10%	10.92%	9.51%	17.61%	0.00%	0.00%	0.00%	0.00%	2.46%	0.70%	0.00%	2.11%	0.35%	15.49%	0.00%	0.00%
				16:00 ~ 17:00	70	69	300	25.00%	9.33%	1.00%	10.00%	4.33%	7.33%	12.00%	0.00%	0.00%	0.00%	0.00%	2.33%	10.33%	0.00%	2.33%	1.33%	14.67%	0.00%	0.00%
				17:00 ~ 18:00	70	69	283	21.91%	10.60%	2.12%	8.13%	6.71%	6.01%	8.13%	0.00%	0.00%	0.71%	0.00%	2.47%	14.84%	0.00%	2.83%	2.12%	13.43%	0.00%	0.00%
				18:00 ~ 19:00	70	69	196	40.82%	10.71%	4.59%	6.63%	4.59%	5.61%	10.20%	0.00%	0.00%	0.00%	0.00%	1.02%	3.06%	0.00%	2.55%	4.08%	6.12%	0.00%	0.00%
				19:00 ~ 20:00	70	69	188	43.09%	9.04%	4.26%	5.85%	3.19%	3.72%	4.79%	0.00%	0.00%	0.00%	0.00%	1.60%	12.23%	0.00%	4.26%	3.72%	4.26%	0.00%	0.00%
				20:00 ~ 21:00	70	69	112	61.61%	5.36%	0.89%	8.04%	5.36%	1.79%	5.36%	0.00%	0.00%	0.00%	0.00%	0.00%	2.68%	0.00%	4.46%	2.68%	1.79%	0.00%	0.00%
				21:00 ~ 22:00	70	70	87	62.07%	11.49%	2.30%	4.60%	2.30%	0.00%	2.30%	0.00%	0.00%	0.00%	0.00%	0.00%	1.15%	0.00%	5.75%	1.15%	6.90%	0.00%	0.00%
				22:00 ~ 23:00	70	70	50	58.00%	18.00%	0.00%	12.00%	6.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	2.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	27	37.04%	11.11%	3.70%	7.41%	3.70%	7.41%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	3.70%	0.00%	11.11%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-12	Access Road To ECO Park From Lung Mun Road	N	LR	00:00 ~ 01:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**6**	33.33%	16.67%	0.00%	16.67%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**6**	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**14**	7.14%	42.86%	0.00%	0.00%	7.14%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	21.43%	0.00%	0.00%
				09:00 ~ 10:00	50	*47*	**38**	13.16%	15.79%	0.00%	15.79%	2.63%	26.32%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%
				10:00 ~ 11:00	50	*47*	**44**	11.36%	4.55%	2.27%	13.64%	15.91%	29.55%	15.91%	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**38**	13.16%	5.26%	0.00%	15.79%	0.00%	42.11%	18.42%	0.00%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%
				12:00 ~ 13:00	50	*47*	**43**	41.86%	2.33%	0.00%	34.88%	0.00%	6.98%	4.65%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	0.00%	6.98%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**35**	28.57%	0.00%	0.00%	8.57%	2.86%	40.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.71%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**28**	10.71%	7.14%	0.00%	3.57%	3.57%	35.71%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	7.14%	0.00%	0.00%
				15:00 ~ 16:00	50	*47*	**34**	20.59%	5.88%	0.00%	17.65%	2.94%	29.41%	14.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	5.88%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**43**	37.21%	0.00%	0.00%	13.95%	6.98%	11.63%	20.93%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	2.33%	4.65%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**43**	37.21%	16.28%	0.00%	16.28%	4.65%	6.98%	16.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**44**	84.09%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.36%	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*49*	**7**	42.86%	0.00%	0.00%	28.57%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**4**	50.00%	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**3**	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-12	Access Road To ECO Park From Lung Mun Road	S	LR	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**4**	25.00%	0.00%	0.00%	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**18**	72.22%	11.11%	5.56%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*47*	**43**	53.49%	16.28%	4.65%	2.33%	2.33%	4.65%	4.65%	0.00%	0.00%	0.00%	0.00%	0.00%	4.65%	0.00%	0.00%	2.33%	4.65%	0.00%	0.00%
				09:00 ~ 10:00	50	*46*	**55**	36.36%	10.91%	0.00%	10.91%	0.00%	23.64%	14.55%	0.00%	0.00%	0.00%	1.82%	0.00%	0.00%	0.00%	0.00%	1.82%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*48*	**31**	29.03%	3.23%	0.00%	6.45%	0.00%	41.94%	9.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				11:00 ~ 12:00	50	*47*	**35**	8.57%	2.86%	0.00%	25.71%	0.00%	25.71%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.57%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**28**	7.14%	3.57%	0.00%	46.43%	0.00%	32.14%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**43**	27.91%	0.00%	0.00%	16.28%	2.33%	30.23%	18.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.65%	0.00%	0.00%
				14:00 ~ 15:00	50	*47*	**32**	18.75%	6.25%	0.00%	6.25%	6.25%	40.63%	15.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**25**	12.00%	8.00%	0.00%	4.00%	12.00%	24.00%	36.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*48*	**30**	10.00%	0.00%	3.33%	23.33%	3.33%	10.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*48*	**19**	5.26%	42.11%	0.00%	5.26%	0.00%	5.26%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%
				18:00 ~ 19:00	50	*50*	**3**	66.67%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	E	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*50*	**2**	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**9**	22.22%	0.00%	22.22%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**9**	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	55.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**3**	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**5**	0.00%	0.00%	20.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**4**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**6**	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**4**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**3**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*50*	**2**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**5**	0.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**7**	14.29%	0.00%	14.29%	0.00%	0.00%	28.57%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**6**	0.00%	0.00%	16.67%	0.00%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**6**	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	17	41.18%	11.76%	0.00%	11.76%	0.00%	11.76%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				01:00 ~ 02:00	70	70	11	45.45%	9.09%	0.00%	18.18%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	10	50.00%	10.00%	0.00%	10.00%	0.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	70	11	45.45%	9.09%	0.00%	18.18%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				05:00 ~ 06:00	70	70	17	41.18%	11.76%	0.00%	11.76%	0.00%	11.76%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				06:00 ~ 07:00	70	70	79	36.71%	10.13%	1.27%	13.92%	3.80%	8.86%	10.13%	0.00%	0.00%	0.00%	0.00%	1.27%	2.53%	0.00%	1.27%	1.27%	8.86%	0.00%	0.00%
				07:00 ~ 08:00	70	69	186	32.80%	14.52%	0.00%	11.83%	1.61%	3.76%	3.23%	0.00%	0.00%	0.54%	0.00%	1.61%	19.35%	0.00%	1.08%	3.76%	5.91%	0.00%	0.00%
				08:00 ~ 09:00	70	68	315	25.08%	17.46%	4.13%	11.11%	0.63%	5.71%	11.11%	0.00%	0.00%	0.00%	0.00%	3.81%	9.84%	0.00%	2.54%	2.22%	6.35%	0.00%	0.00%
				09:00 ~ 10:00	70	69	293	20.48%	11.95%	1.02%	16.04%	4.44%	11.60%	14.68%	0.00%	0.00%	0.00%	0.00%	0.34%	1.02%	0.00%	2.05%	1.02%	15.36%	0.00%	0.00%
				10:00 ~ 11:00	70	68	362	27.62%	16.30%	1.66%	11.60%	3.04%	15.19%	9.39%	0.00%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	1.38%	0.55%	12.98%	0.00%	0.00%
				11:00 ~ 12:00	70	68	430	31.40%	13.49%	0.00%	19.53%	2.09%	10.93%	10.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.23%	0.00%	1.86%	0.47%	9.77%	0.00%	0.00%
				12:00 ~ 13:00	70	68	325	33.54%	14.77%	0.00%	14.46%	4.31%	10.46%	11.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.62%	0.00%	2.46%	1.85%	6.46%	0.00%	0.00%
				13:00 ~ 14:00	70	68	440	29.55%	7.50%	1.36%	11.82%	4.09%	12.50%	16.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.00%	1.59%	1.59%	13.41%	0.00%	0.00%
				14:00 ~ 15:00	70	69	235	30.21%	9.36%	2.13%	11.06%	2.55%	11.49%	18.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.28%	1.70%	11.91%	0.00%	0.00%
				15:00 ~ 16:00	70	69	293	37.88%	4.44%	0.68%	11.26%	3.41%	15.02%	14.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.05%	0.68%	9.90%	0.00%	0.00%
				16:00 ~ 17:00	70	68	378	35.19%	6.08%	0.00%	18.78%	3.97%	9.26%	12.96%	0.00%	0.00%	0.00%	0.00%	0.53%	0.53%	0.00%	1.59%	2.12%	8.99%	0.00%	0.00%
				17:00 ~ 18:00	70	68	495	51.92%	3.23%	0.20%	10.91%	1.82%	5.45%	4.65%	0.00%	0.00%	0.00%	0.00%	0.61%	9.29%	0.00%	1.41%	5.25%	5.25%	0.00%	0.00%
				18:00 ~ 19:00	70	68	354	51.13%	5.08%	0.00%	11.30%	0.85%	4.80%	7.91%	0.00%	0.00%	0.00%	0.00%	2.82%	5.65%	0.00%	1.69%	5.08%	3.67%	0.00%	0.00%
				19:00 ~ 20:00	70	69	217	52.53%	6.45%	0.92%	11.06%	0.46%	2.76%	5.99%	0.00%	0.00%	0.00%	0.00%	0.92%	9.22%	0.00%	2.30%	4.61%	2.76%	0.00%	0.00%
				20:00 ~ 21:00	70	69	111	47.75%	11.71%	0.90%	11.71%	3.60%	5.41%	8.11%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	2.70%	0.90%	2.70%	0.00%	0.00%
				21:00 ~ 22:00	70	70	45	53.33%	17.78%	0.00%	8.89%	0.00%	4.44%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%	0.00%	6.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	31	45.16%	19.35%	6.45%	9.68%	3.23%	0.00%	3.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.45%	3.23%	3.23%	0.00%	0.00%
				23:00 ~ 00:00	70	70	22	40.91%	9.09%	0.00%	13.64%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				01:00 ~ 02:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				02:00 ~ 03:00	70	70	8	37.50%	12.50%	0.00%	12.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
				03:00 ~ 04:00	70	70	9	33.33%	11.11%	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				04:00 ~ 05:00	70	70	11	45.45%	9.09%	0.00%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				05:00 ~ 06:00	70	70	18	38.89%	11.11%	0.00%	11.11%	5.56%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				06:00 ~ 07:00	70	70	78	35.90%	10.26%	2.56%	11.54%	7.69%	6.41%	10.26%	0.00%	0.00%	0.00%	0.00%	0.00%	2.56%	0.00%	1.28%	1.28%	10.26%	0.00%	0.00%
				07:00 ~ 08:00	70	68	389	53.47%	8.23%	1.80%	5.40%	2.31%	0.77%	6.43%	0.00%	0.00%	0.77%	0.00%	1.29%	10.28%	0.00%	1.80%	4.63%	2.83%	0.00%	0.00%
				08:00 ~ 09:00	70	68	495	46.06%	9.49%	1.41%	11.11%	3.23%	5.05%	7.88%	0.00%	0.00%	0.00%	0.00%	1.21%	2.63%	0.00%	1.21%	1.82%	8.89%	0.00%	0.00%
				09:00 ~ 10:00	70	68	453	33.11%	11.48%	1.10%	15.45%	8.83%	5.74%	8.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.55%	1.77%	12.58%	0.00%	0.00%
				10:00 ~ 11:00	70	68	390	30.26%	14.62%	1.54%	12.56%	10.26%	8.97%	7.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.05%	1.03%	11.28%	0.00%	0.00%
				11:00 ~ 12:00	70	68	361	27.42%	17.17%	5.54%	11.08%	5.82%	12.19%	10.25%	0.00%	0.00%	0.00%	0.00%	0.28%	0.55%	0.00%	1.94%	0.55%	7.20%	0.00%	0.00%
				12:00 ~ 13:00	70	68	307	29.97%	10.42%	2.28%	14.33%	4.89%	8.14%	13.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.95%	0.33%	14.66%	0.00%	0.00%
				13:00 ~ 14:00	70	68	334	32.93%	9.28%	1.50%	11.08%	7.19%	6.59%	15.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.30%	0.00%	1.80%	0.90%	12.57%	0.00%	0.00%
				14:00 ~ 15:00	70	68	303	26.07%	7.59%	3.96%	11.88%	7.59%	10.23%	16.83%	0.00%	0.00%	0.00%	0.00%	0.33%	0.33%	0.00%	1.98%	0.33%	12.87%	0.00%	0.00%
				15:00 ~ 16:00	70	69	242	26.03%	5.79%	1.24%	8.68%	11.57%	11.16%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.41%	0.00%	2.48%	0.41%	14.05%	0.00%	0.00%
				16:00 ~ 17:00	70	69	254	27.56%	8.27%	5.12%	11.42%	4.33%	7.87%	9.06%	0.00%	0.00%	0.00%	0.00%	1.18%	7.87%	0.00%	2.76%	1.18%	13.39%	0.00%	0.00%
				17:00 ~ 18:00	70	69	271	23.62%	8.49%	2.58%	8.12%	6.64%	6.64%	8.49%	0.00%	0.00%	0.74%	0.00%	2.58%	16.61%	0.00%	2.58%	1.48%	11.44%	0.00%	0.00%
				18:00 ~ 19:00	70	69	184	40.76%	9.24%	4.89%	7.07%	5.43%	5.98%	9.78%	0.00%	0.00%	0.00%	0.00%	1.09%	3.80%	0.00%	1.63%	4.35%	5.98%	0.00%	0.00%
				19:00 ~ 20:00	70	69	164	45.73%	7.93%	4.88%	6.71%	4.27%	4.27%	5.49%	0.00%	0.00%	0.00%	0.00%	0.61%	10.37%	0.00%	4.27%	0.61%	4.88%	0.00%	0.00%
				20:00 ~ 21:00	70	69	110	61.82%	2.73%	0.91%	8.18%	5.45%	1.82%	5.45%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	4.55%	2.73%	1.82%	0.00%	0.00%
				21:00 ~ 22:00	70	70	80	67.50%	8.75%	2.50%	5.00%	1.25%	0.00%	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	1.25%	0.00%	3.75%	1.25%	6.25%	0.00%	0.00%
				22:00 ~ 23:00	70	70	47	59.57%	14.89%	0.00%	12.77%	6.38%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.13%	2.13%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	22	40.91%	9.09%	4.55%	9.09%	4.55%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	E	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**19**	36.84%	10.53%	5.26%	10.53%	5.26%	5.26%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**57**	31.58%	21.05%	5.26%	8.77%	1.75%	0.00%	3.51%	0.00%	0.00%	0.00%	0.00%	3.51%	15.79%	0.00%	0.00%	3.51%	5.26%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**97**	9.28%	21.65%	1.03%	14.43%	8.25%	3.09%	17.53%	0.00%	0.00%	0.00%	0.00%	3.09%	2.06%	0.00%	1.03%	1.03%	17.53%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**85**	8.24%	16.47%	11.76%	21.18%	11.76%	2.35%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.47%	0.00%	0.00%
				10:00 ~ 11:00	50	*33*	**86**	9.30%	1.16%	5.81%	19.77%	8.14%	10.47%	17.44%	0.00%	0.00%	0.00%	0.00%	0.00%	1.16%	0.00%	0.00%	0.00%	26.74%	0.00%	0.00%
				11:00 ~ 12:00	50	*29*	**132**	31.82%	2.27%	13.64%	15.91%	6.82%	7.58%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.42%	0.00%	0.00%
				12:00 ~ 13:00	50	*33*	**84**	25.00%	7.14%	7.14%	19.05%	5.95%	5.95%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	1.19%	0.00%	1.19%	1.19%	16.67%	0.00%	0.00%
				13:00 ~ 14:00	50	*36*	**70**	11.43%	7.14%	4.29%	14.29%	8.57%	7.14%	17.14%	0.00%	0.00%	0.00%	0.00%	0.00%	1.43%	0.00%	1.43%	1.43%	25.71%	0.00%	0.00%
				14:00 ~ 15:00	50	*37*	**62**	11.29%	3.23%	8.06%	14.52%	8.06%	11.29%	14.52%	0.00%	0.00%	0.00%	0.00%	1.61%	0.00%	0.00%	0.00%	3.23%	24.19%	0.00%	0.00%
				15:00 ~ 16:00	50	*33*	**86**	27.91%	8.14%	3.49%	20.93%	3.49%	2.33%	17.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.28%	0.00%	0.00%
				16:00 ~ 17:00	50	*32*	**91**	35.16%	6.59%	17.58%	14.29%	2.20%	1.10%	6.59%	0.00%	0.00%	0.00%	0.00%	6.59%	0.00%	0.00%	0.00%	2.20%	7.69%	0.00%	0.00%
				17:00 ~ 18:00	50	*28*	**221**	60.63%	3.62%	3.17%	5.43%	0.45%	0.45%	0.90%	0.00%	0.00%	0.00%	0.00%	2.71%	12.67%	0.00%	3.17%	5.88%	0.90%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**60**	61.67%	3.33%	5.00%	10.00%	1.67%	0.00%	1.67%	0.00%	0.00%	0.00%	0.00%	1.67%	8.33%	0.00%	0.00%	5.00%	1.67%	0.00%	0.00%
				19:00 ~ 20:00	50	*34*	**81**	56.79%	11.11%	1.23%	6.17%	1.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.47%	16.05%	0.00%	1.23%	2.47%	1.23%	0.00%	0.00%
				20:00 ~ 21:00	50	*47*	**13**	38.46%	15.38%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	23.08%	7.69%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	W	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*48*	**9**	33.33%	11.11%	11.11%	11.11%	0.00%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				07:00 ~ 08:00	50	*30*	**99**	54.55%	12.12%	2.02%	8.08%	1.01%	1.01%	3.03%	0.00%	0.00%	0.00%	0.00%	3.03%	6.06%	0.00%	5.05%	2.02%	2.02%	0.00%	0.00%
				08:00 ~ 09:00	50	*29*	**131**	62.60%	6.87%	4.58%	6.11%	0.00%	1.53%	4.58%	0.00%	0.00%	0.00%	0.00%	0.00%	4.58%	0.00%	0.76%	3.82%	4.58%	0.00%	0.00%
				09:00 ~ 10:00	50	*34*	**80**	21.25%	16.25%	12.50%	17.50%	1.25%	7.50%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	15.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*39*	**53**	13.21%	0.00%	5.66%	15.09%	3.77%	18.87%	15.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.30%	0.00%	0.00%
				11:00 ~ 12:00	50	*43*	**34**	17.65%	5.88%	8.82%	2.94%	23.53%	5.88%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.65%	0.00%	0.00%
				12:00 ~ 13:00	50	*43*	**37**	13.51%	13.51%	5.41%	18.92%	5.41%	5.41%	13.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	24.32%	0.00%	0.00%
				13:00 ~ 14:00	50	*41*	**44**	13.64%	6.82%	4.55%	13.64%	6.82%	6.82%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.55%	0.00%	0.00%
				14:00 ~ 15:00	50	*41*	**45**	17.78%	4.44%	0.00%	15.56%	2.22%	6.67%	13.33%	0.00%	0.00%	0.00%	0.00%	2.22%	0.00%	0.00%	0.00%	2.22%	35.56%	0.00%	0.00%
				15:00 ~ 16:00	50	*39*	**54**	16.67%	12.96%	0.00%	18.52%	9.26%	0.00%	14.81%	0.00%	0.00%	0.00%	0.00%	12.96%	1.85%	0.00%	0.00%	0.00%	12.96%	0.00%	0.00%
				16:00 ~ 17:00	50	*40*	**51**	19.61%	13.73%	0.00%	13.73%	3.92%	0.00%	15.69%	0.00%	0.00%	0.00%	0.00%	1.96%	13.73%	0.00%	0.00%	1.96%	15.69%	0.00%	0.00%
				17:00 ~ 18:00	50	*45*	**25**	8.00%	28.00%	0.00%	4.00%	4.00%	0.00%	8.00%	0.00%	0.00%	0.00%	0.00%	8.00%	0.00%	0.00%	4.00%	4.00%	32.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*47*	**13**	46.15%	23.08%	0.00%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	7.69%	0.00%	0.00%
				19:00 ~ 20:00	50	*45*	**27**	29.63%	18.52%	0.00%	7.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.41%	11.11%	0.00%	7.41%	18.52%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	N	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*49*	**5**	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*49*	**4**	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*48*	**8**	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**7**	71.43%	0.00%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**3**	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**4**	75.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**4**	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**10**	70.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*47*	**14**	42.86%	7.14%	7.14%	14.29%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*47*	**16**	56.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	31.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**7**	85.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**10**	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	S	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*49*	**3**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				07:00 ~ 08:00	50	*46*	**20**	35.00%	10.00%	0.00%	5.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	5.00%	30.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*48*	**11**	0.00%	63.64%	0.00%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*48*	**11**	45.45%	9.09%	0.00%	0.00%	0.00%	18.18%	27.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**21**	23.81%	0.00%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.62%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**30**	0.00%	0.00%	0.00%	23.33%	0.00%	0.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	46.67%	0.00%	0.00%
				12:00 ~ 13:00	50	*48*	**9**	11.11%	11.11%	0.00%	11.11%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*47*	**15**	6.67%	6.67%	0.00%	6.67%	0.00%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*47*	**13**	15.38%	0.00%	15.38%	0.00%	0.00%	0.00%	53.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				15:00 ~ 16:00	50	*48*	**11**	27.27%	9.09%	9.09%	9.09%	0.00%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**21**	4.76%	4.76%	4.76%	4.76%	0.00%	4.76%	23.81%	0.00%	0.00%	0.00%	0.00%	9.52%	33.33%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				17:00 ~ 18:00	50	*48*	**9**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**4**	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*48*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	62.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*50*	**1**	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	N	LD	00:00 ~ 01:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*49*	**4**	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**19**	36.84%	10.53%	5.26%	10.53%	5.26%	5.26%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**61**	32.79%	19.67%	4.92%	8.20%	1.64%	0.00%	3.28%	0.00%	0.00%	0.00%	0.00%	4.92%	16.39%	0.00%	0.00%	3.28%	4.92%	0.00%	0.00%
				08:00 ~ 09:00	50	*30*	**100**	9.00%	21.00%	1.00%	14.00%	8.00%	3.00%	17.00%	0.00%	0.00%	0.00%	0.00%	6.00%	2.00%	0.00%	1.00%	1.00%	17.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*32*	**87**	9.20%	17.24%	11.49%	20.69%	11.49%	2.30%	11.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.09%	0.00%	0.00%
				10:00 ~ 11:00	50	*31*	**93**	13.98%	1.08%	5.38%	18.28%	7.53%	9.68%	18.28%	0.00%	0.00%	0.00%	0.00%	0.00%	1.08%	0.00%	0.00%	0.00%	24.73%	0.00%	0.00%
				11:00 ~ 12:00	50	*29*	**138**	33.33%	2.17%	13.04%	16.67%	6.52%	7.25%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				12:00 ~ 13:00	50	*34*	**79**	20.25%	3.80%	17.72%	17.72%	2.53%	2.53%	11.39%	0.00%	0.00%	0.00%	0.00%	1.27%	0.00%	0.00%	0.00%	2.53%	20.25%	0.00%	0.00%
				13:00 ~ 14:00	50	*36*	**67**	10.45%	7.46%	10.45%	14.93%	7.46%	0.00%	22.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.87%	0.00%	0.00%
				14:00 ~ 15:00	50	*37*	**64**	14.06%	3.13%	7.81%	14.06%	7.81%	10.94%	14.06%	0.00%	0.00%	0.00%	0.00%	1.56%	0.00%	0.00%	0.00%	3.13%	23.44%	0.00%	0.00%
				15:00 ~ 16:00	50	*31*	**92**	31.52%	8.70%	3.26%	19.57%	3.26%	2.17%	16.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.22%	0.00%	0.00%
				16:00 ~ 17:00	50	*30*	**103**	35.92%	5.83%	16.50%	14.56%	1.94%	2.91%	5.83%	0.00%	0.00%	0.00%	0.00%	5.83%	1.94%	0.00%	0.00%	1.94%	6.80%	0.00%	0.00%
				17:00 ~ 18:00	50	*27*	**234**	61.11%	3.42%	2.99%	5.13%	0.43%	0.43%	0.85%	0.00%	0.00%	0.00%	0.00%	2.56%	13.68%	0.00%	2.99%	5.56%	0.85%	0.00%	0.00%
				18:00 ~ 19:00	50	*37*	**65**	61.54%	3.08%	7.69%	9.23%	1.54%	0.00%	1.54%	0.00%	0.00%	0.00%	0.00%	1.54%	7.69%	0.00%	0.00%	4.62%	1.54%	0.00%	0.00%
				19:00 ~ 20:00	50	*32*	**88**	57.95%	10.23%	1.14%	5.68%	1.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.41%	15.91%	0.00%	1.14%	2.27%	1.14%	0.00%	0.00%
				20:00 ~ 21:00	50	*48*	**12**	41.67%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	16.67%	8.33%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	16.67%	50.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	S	LD	00:00 ~ 01:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*47*	**14**	35.71%	7.14%	7.14%	7.14%	0.00%	7.14%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				07:00 ~ 08:00	50	*29*	**130**	53.85%	10.00%	2.31%	7.69%	0.77%	0.77%	3.85%	0.00%	0.00%	0.00%	0.00%	3.85%	9.23%	0.00%	3.85%	1.54%	2.31%	0.00%	0.00%
				08:00 ~ 09:00	50	*29*	**140**	58.57%	11.43%	4.29%	5.00%	0.71%	1.43%	4.29%	0.00%	0.00%	0.00%	0.00%	1.43%	4.29%	0.00%	0.71%	3.57%	4.29%	0.00%	0.00%
				09:00 ~ 10:00	50	*32*	**91**	24.18%	15.38%	10.99%	15.38%	1.10%	8.79%	8.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.20%	13.19%	0.00%	0.00%
				10:00 ~ 11:00	50	*35*	**72**	13.89%	0.00%	4.17%	11.11%	2.78%	13.89%	19.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.72%	0.00%	0.00%
				11:00 ~ 12:00	50	*37*	**64**	9.38%	3.13%	4.69%	12.50%	12.50%	3.13%	23.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.25%	0.00%	0.00%
				12:00 ~ 13:00	50	*35*	**75**	30.67%	2.67%	8.00%	17.33%	4.00%	2.67%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.67%	20.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*35*	**73**	28.77%	6.85%	6.85%	13.70%	4.11%	8.22%	9.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.92%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**57**	17.54%	3.51%	3.51%	10.53%	1.75%	5.26%	22.81%	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	0.00%	1.75%	31.58%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**61**	16.39%	13.11%	0.00%	16.39%	8.20%	1.64%	14.75%	0.00%	0.00%	0.00%	0.00%	11.48%	1.64%	0.00%	0.00%	0.00%	16.39%	0.00%	0.00%
				16:00 ~ 17:00	50	*36*	**70**	14.29%	10.00%	1.43%	11.43%	2.86%	1.43%	18.57%	0.00%	0.00%	0.00%	0.00%	4.29%	20.00%	0.00%	0.00%	1.43%	14.29%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**33**	6.06%	21.21%	0.00%	3.03%	3.03%	0.00%	6.06%	0.00%	0.00%	0.00%	0.00%	3.03%	27.27%	0.00%	3.03%	3.03%	24.24%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**18**	38.89%	27.78%	0.00%	5.56%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	5.56%	0.00%	5.56%	0.00%	0.00%
				19:00 ~ 20:00	50	*43*	**36**	27.78%	16.67%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	22.22%	0.00%	5.56%	16.67%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*49*	**6**	0.00%	50.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%
				22:00 ~ 23:00	50	*49*	**3**	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*50*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID (ID)	Description	Bound (direction)	Road (type)	Hour (hour)	Speed Limi (kph)	Speed (kph)	Total (#)	PC (%)	TAXI (%)	LGV(3) (%)	LGV(4) (%)	LGV(6) (%)	HGV(7) (%)	HGV(8) (%)	PLB (%)	PrLB(4) (%)	PrLB(5) (%)	NFB(6) (%)	NFB(7) (%)	NFB(8) (%)	FBSD (%)	FBDD (%)	MC (%)	HGV(9) (%)	NFB(9) (%)	HGV(9)b (%)
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	E	LD	00:00 ~ 01:00	70	70	38	28.95%	5.26%	2.63%	5.26%	2.63%	7.89%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	0.00%	0.00%	2.63%	23.68%	0.00%	0.00%
				01:00 ~ 02:00	70	70	25	28.00%	4.00%	4.00%	4.00%	4.00%	8.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	24.00%	0.00%	0.00%
				02:00 ~ 03:00	70	70	16	31.25%	6.25%	0.00%	6.25%	0.00%	6.25%	18.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	31.25%	0.00%	0.00%
				03:00 ~ 04:00	70	70	19	31.58%	5.26%	5.26%	5.26%	0.00%	10.53%	15.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.32%	0.00%	0.00%
				04:00 ~ 05:00	70	70	25	28.00%	4.00%	4.00%	4.00%	4.00%	8.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	0.00%	0.00%	24.00%	0.00%	0.00%
				05:00 ~ 06:00	70	70	37	27.03%	5.41%	2.70%	5.41%	2.70%	8.11%	18.92%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%	2.70%	24.32%	0.00%	0.00%
				06:00 ~ 07:00	70	69	153	26.80%	5.88%	3.27%	6.54%	1.96%	9.15%	18.30%	0.00%	0.00%	0.00%	0.00%	0.65%	1.96%	0.00%	0.65%	1.31%	23.53%	0.00%	0.00%
				07:00 ~ 08:00	70	68	486	42.80%	8.85%	3.09%	4.73%	1.44%	2.06%	10.70%	0.00%	0.00%	0.00%	0.00%	1.23%	8.23%	0.00%	1.44%	3.70%	11.73%	0.00%	0.00%
				08:00 ~ 09:00	70	67	692	16.47%	12.28%	3.03%	5.78%	2.02%	9.10%	18.35%	0.00%	0.00%	0.29%	0.00%	0.00%	3.32%	0.00%	0.72%	1.16%	27.46%	0.00%	0.00%
				09:00 ~ 10:00	70	67	612	10.29%	10.29%	3.10%	6.70%	3.43%	7.52%	20.92%	0.00%	0.00%	0.00%	0.00%	0.16%	0.16%	0.00%	0.49%	0.49%	36.44%	0.00%	0.00%
				10:00 ~ 11:00	70	66	721	16.37%	7.35%	3.05%	5.27%	5.69%	10.68%	19.83%	0.00%	0.00%	0.00%	0.14%	0.00%	0.42%	0.00%	0.69%	0.28%	30.24%	0.00%	0.00%
				11:00 ~ 12:00	70	66	846	23.40%	6.74%	3.66%	7.80%	3.31%	11.11%	15.37%	0.00%	0.00%	0.00%	0.00%	0.12%	0.24%	0.00%	1.06%	0.24%	26.95%	0.00%	0.00%
				12:00 ~ 13:00	70	67	634	24.61%	8.99%	2.68%	7.10%	3.63%	9.15%	18.61%	0.00%	0.00%	0.00%	0.00%	0.16%	0.95%	0.00%	1.10%	1.10%	21.92%	0.00%	0.00%
				13:00 ~ 14:00	70	67	694	20.75%	5.48%	3.03%	5.19%	3.17%	9.37%	21.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%	0.00%	0.72%	1.15%	29.83%	0.00%	0.00%
				14:00 ~ 15:00	70	67	615	14.31%	3.58%	3.41%	3.09%	1.79%	12.68%	27.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.49%	0.00%	0.81%	0.81%	31.87%	0.00%	0.00%
				15:00 ~ 16:00	70	67	665	24.06%	3.76%	1.50%	4.51%	2.11%	13.68%	20.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%	0.00%	0.90%	0.30%	28.42%	0.00%	0.00%
				16:00 ~ 17:00	70	66	722	26.32%	4.29%	5.54%	6.23%	2.77%	9.00%	17.87%	0.00%	0.00%	0.00%	0.00%	0.69%	0.42%	0.00%	0.83%	1.25%	24.79%	0.00%	0.00%
				17:00 ~ 18:00	70	65	1009	45.49%	3.17%	3.87%	7.04%	2.78%	4.66%	11.00%	0.00%	0.00%	0.00%	0.00%	0.89%	5.75%	0.00%	1.49%	4.26%	9.61%	0.00%	0.00%
				18:00 ~ 19:00	70	68	390	44.36%	4.10%	3.59%	8.97%	1.54%	5.90%	11.28%	0.00%	0.00%	0.00%	0.00%	3.08%	3.85%	0.00%	1.79%	4.36%	7.18%	0.00%	0.00%
				19:00 ~ 20:00	70	69	285	60.70%	7.37%	1.05%	4.21%	0.35%	4.21%	3.51%	0.00%	0.00%	0.00%	0.00%	2.11%	8.42%	0.00%	1.75%	4.21%	2.11%	0.00%	0.00%
				20:00 ~ 21:00	70	69	138	57.97%	10.87%	0.00%	5.80%	0.00%	8.70%	5.07%	0.00%	0.00%	0.00%	0.00%	0.00%	5.07%	0.00%	4.35%	1.45%	0.72%	0.00%	0.00%
				21:00 ~ 22:00	70	70	58	58.62%	12.07%	0.00%	5.17%	0.00%	10.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.72%	0.00%	8.62%	3.45%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	70	70	44	59.09%	11.36%	4.55%	2.27%	2.27%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	11.36%	2.27%	0.00%	0.00%
				23:00 ~ 00:00	70	70	30	56.67%	10.00%	6.67%	6.67%	3.33%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	3.33%	3.33%	3.33%	0.00%	0.00%
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	W	LD	00:00 ~ 01:00	70	70	33	24.24%	6.06%	6.06%	0.00%	3.03%	9.09%	21.21%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				01:00 ~ 02:00	70	70	22	27.27%	4.55%	4.55%	0.00%	0.00%	9.09%	22.73%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				02:00 ~ 03:00	70	70	12	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				03:00 ~ 04:00	70	70	17	29.41%	5.88%	5.88%	0.00%	0.00%	11.76%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.41%	0.00%	0.00%
				04:00 ~ 05:00	70	70	22	27.27%	4.55%	4.55%	0.00%	0.00%	9.09%	22.73%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				05:00 ~ 06:00	70	70	33	24.24%	6.06%	6.06%	0.00%	3.03%	9.09%	21.21%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	27.27%	0.00%	0.00%
				06:00 ~ 07:00	70	69	134	23.88%	6.72%	6.72%	2.99%	1.49%	9.70%	18.66%	0.00%	0.00%	0.00%	0.00%	0.75%	2.24%	0.00%	0.75%	0.75%	25.37%	0.00%	0.00%
				07:00 ~ 08:00	70	68	427	37.94%	9.84%	6.56%	2.58%	1.17%	2.34%	11.24%	0.00%	0.00%	0.00%	0.00%	1.64%	9.84%	0.00%	1.64%	2.34%	12.88%	0.00%	0.00%
				08:00 ~ 09:00	70	67	663	21.72%	4.07%	1.36%	2.71%	1.06%	8.30%	23.98%	0.00%	0.00%	0.00%	0.00%	0.30%	1.36%	0.00%	0.45%	1.36%	33.33%	0.00%	0.00%
				09:00 ~ 10:00	70	68	484	5.79%	0.41%	0.00%	1.86%	0.62%	10.74%	35.95%	0.00%	0.00%	0.00%	0.00%	0.21%	0.00%	0.00%	0.00%	0.21%	44.21%	0.00%	0.00%
				10:00 ~ 11:00	70	68	459	1.96%	0.00%	0.44%	2.61%	2.18%	13.07%	32.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	46.84%	0.00%	0.00%
				11:00 ~ 12:00	70	68	478	3.56%	0.00%	0.63%	3.14%	2.51%	9.83%	34.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%	45.19%	0.00%	0.00%
				12:00 ~ 13:00	70	68	330	7.88%	0.00%	3.03%	3.33%	0.61%	11.82%	29.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	43.64%	0.00%	0.00%
				13:00 ~ 14:00	70	68	425	5.18%	0.00%	0.47%	4.47%	1.41%	8.71%	35.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.47%	44.00%	0.00%	0.00%
				14:00 ~ 15:00	70	68	460	3.04%	0.00%	0.00%	2.17%	0.22%	16.09%	34.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	44.13%	0.00%	0.00%
				15:00 ~ 16:00	70	68	395	1.77%	0.00%	0.00%	3.04%	3.04%	11.14%	33.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.09%	0.00%	0.00%
				16:00 ~ 17:00	70	68	388	1.80%	0.26%	1.03%	2.58%	1.55%	12.11%	36.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	43.81%	0.00%	0.00%
				17:00 ~ 18:00	70	69	300	4.00%	0.00%	0.00%	1.67%	4.67%	10.33%	39.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				18:00 ~ 19:00	70	70	57	12.28%	3.51%	0.00%	15.79%	5.26%	19.30%	22.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.05%	0.00%	0.00%
				19:00 ~ 20:00	70	69	169	44.97%	8.88%	5.33%	5.92%	0.59%	8.28%	6.51%	0.00%	0.00%	0.00%	0.00%	2.96%	8.88%	0.00%	3.55%	2.96%	1.18%	0.00%	0.00%
				20:00 ~ 21:00	70	69	131	55.73%	10.69%	4.58%	3.05%	0.00%	6.87%	5.34%	0.00%	0.00%	0.00%	0.00%	0.00%	3.82%	0.00%	3.82%	5.34%	0.76%	0.00%	0.00%
				21:00 ~ 22:00	70	70	96	63.54%	10.42%	2.08%	6.25%	0.00%	7.29%	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	1.04%	0.00%	5.21%	1.04%	2.08%	0.00%	0.00%
				22:00 ~ 23:00	70	70	48	66.67%	14.58%	4.17%	2.08%	0.00%	6.25%	2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.08%	2.08%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	70	26	53.85%	11.54%	11.54%	3.85%	3.85%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	3.85%	0.00%	3.85%	0.00%	0.00%

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R01	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R02	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R03	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R04	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R05	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**110**	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	40	0	0
				09:00 ~ 10:00	10	*10*	**284**	0	0	0	0	0	40	127	0	0	0	0	0	0	0	0	0	117	0	0
				10:00 ~ 11:00	10	*10*	**253**	0	0	0	0	0	56	111	0	0	0	0	0	0	0	0	0	86	0	0
				11:00 ~ 12:00	10	*10*	**245**	0	0	0	0	0	46	106	0	0	0	0	0	0	0	0	0	93	0	0
				12:00 ~ 13:00	10	*10*	**198**	0	0	0	0	0	42	82	0	0	0	0	0	0	0	0	0	74	0	0
				13:00 ~ 14:00	10	*10*	**215**	0	0	0	0	0	40	99	0	0	0	0	0	0	0	0	0	76	0	0
				14:00 ~ 15:00	10	*10*	**293**	0	0	0	0	0	62	142	0	0	0	0	0	0	0	0	0	89	0	0
				15:00 ~ 16:00	10	*10*	**256**	0	0	0	0	0	55	115	0	0	0	0	0	0	0	0	0	86	0	0
				16:00 ~ 17:00	10	*10*	**221**	0	0	0	0	0	43	104	0	0	0	0	0	0	0	0	0	74	0	0
				17:00 ~ 18:00	10	*10*	**274**	0	0	0	0	0	52	134	0	0	0	0	0	0	0	0	0	88	0	0
				18:00 ~ 19:00	10	*10*	**51**	0	0	0	0	0	18	17	0	0	0	0	0	0	0	0	0	16	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R06	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	135
				09:00 ~ 10:00	10	*10*	**164**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	12	0	135
				10:00 ~ 11:00	10	*10*	**161**	0	0	0	0	0	6	11	0	0	0	0	0	0	0	0	9	0	135
				11:00 ~ 12:00	10	*10*	**160**	0	0	0	0	0	5	11	0	0	0	0	0	0	0	0	9	0	135
				12:00 ~ 13:00	10	*10*	**154**	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	7	0	135
				13:00 ~ 14:00	10	*10*	**157**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	8	0	135
				14:00 ~ 15:00	10	*10*	**164**	0	0	0	0	0	6	14	0	0	0	0	0	0	0	0	9	0	135
				15:00 ~ 16:00	10	*10*	**162**	0	0	0	0	0	6	12	0	0	0	0	0	0	0	0	9	0	135
				16:00 ~ 17:00	10	*10*	**156**	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	7	0	135
				17:00 ~ 18:00	10	*10*	**162**	0	0	0	0	0	5	13	0	0	0	0	0	0	0	0	9	0	135
				18:00 ~ 19:00	10	*10*	**141**	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R07	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**141**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	2	0	135
				09:00 ~ 10:00	10	*10*	**150**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	6	0	135
				10:00 ~ 11:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				11:00 ~ 12:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				12:00 ~ 13:00	10	*10*	**145**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	4	0	135
				13:00 ~ 14:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	135
				14:00 ~ 15:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	135
				15:00 ~ 16:00	10	*10*	**149**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	0	5	0	135
				16:00 ~ 17:00	10	*10*	**146**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	4	0	135
				17:00 ~ 18:00	10	*10*	**150**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	5	0	135
				18:00 ~ 19:00	10	*10*	**138**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R09	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**6**	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	2	0	0
				09:00 ~ 10:00	10	*10*	**15**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	6	0	0
				10:00 ~ 11:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				11:00 ~ 12:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				12:00 ~ 13:00	10	*10*	**10**	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	4	0	0
				13:00 ~ 14:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	0
				14:00 ~ 15:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	5	0	0
				15:00 ~ 16:00	10	*10*	**14**	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0	5	0	0
				16:00 ~ 17:00	10	*10*	**11**	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	4	0	0
				17:00 ~ 18:00	10	*10*	**15**	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	5	0	0
				18:00 ~ 19:00	10	*10*	**3**	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R10	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**234**	0	0	0	0	0	20	43	0	0	0	0	0	0	0	0	0	36	0	0	135
				09:00 ~ 10:00	10	*10*	**390**	0	0	0	0	0	36	114	0	0	0	0	0	0	0	0	0	105	0	0	135
				10:00 ~ 11:00	10	*10*	**362**	0	0	0	0	0	50	100	0	0	0	0	0	0	0	0	0	77	0	0	135
				11:00 ~ 12:00	10	*10*	**355**	0	0	0	0	0	41	95	0	0	0	0	0	0	0	0	0	84	0	0	135
				12:00 ~ 13:00	10	*10*	**314**	0	0	0	0	0	38	74	0	0	0	0	0	0	0	0	0	67	0	0	135
				13:00 ~ 14:00	10	*10*	**328**	0	0	0	0	0	36	89	0	0	0	0	0	0	0	0	0	68	0	0	135
				14:00 ~ 15:00	10	*10*	**399**	0	0	0	0	0	56	128	0	0	0	0	0	0	0	0	0	80	0	0	135
				15:00 ~ 16:00	10	*10*	**366**	0	0	0	0	0	50	104	0	0	0	0	0	0	0	0	0	77	0	0	135
				16:00 ~ 17:00	10	*10*	**335**	0	0	0	0	0	39	94	0	0	0	0	0	0	0	0	0	67	0	0	135
				17:00 ~ 18:00	10	*10*	**382**	0	0	0	0	0	47	121	0	0	0	0	0	0	0	0	0	79	0	0	135
				18:00 ~ 19:00	10	*10*	**180**	0	0	0	0	0	16	15	0	0	0	0	0	0	0	0	0	14	0	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R11	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				01:00 ~ 02:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				02:00 ~ 03:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				03:00 ~ 04:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				04:00 ~ 05:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				05:00 ~ 06:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				06:00 ~ 07:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				07:00 ~ 08:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				08:00 ~ 09:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				09:00 ~ 10:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				10:00 ~ 11:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				11:00 ~ 12:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				12:00 ~ 13:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				13:00 ~ 14:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				14:00 ~ 15:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				15:00 ~ 16:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				16:00 ~ 17:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				17:00 ~ 18:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				18:00 ~ 19:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				19:00 ~ 20:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				20:00 ~ 21:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				21:00 ~ 22:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				22:00 ~ 23:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
				23:00 ~ 00:00	10	*10*	**35**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R13	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R14	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R15	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
R17	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R19	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				08:00 ~ 09:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				09:00 ~ 10:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				10:00 ~ 11:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				11:00 ~ 12:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				12:00 ~ 13:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				13:00 ~ 14:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				14:00 ~ 15:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				15:00 ~ 16:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				16:00 ~ 17:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				17:00 ~ 18:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				18:00 ~ 19:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				19:00 ~ 20:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				20:00 ~ 21:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				21:00 ~ 22:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				22:00 ~ 23:00	10	*10*	**16**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R21	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				08:00 ~ 09:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				09:00 ~ 10:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				10:00 ~ 11:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				11:00 ~ 12:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				12:00 ~ 13:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				13:00 ~ 14:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				14:00 ~ 15:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				15:00 ~ 16:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				16:00 ~ 17:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				17:00 ~ 18:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				18:00 ~ 19:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				19:00 ~ 20:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				20:00 ~ 21:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				21:00 ~ 22:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				22:00 ~ 23:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R22	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				08:00 ~ 09:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				09:00 ~ 10:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				10:00 ~ 11:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				11:00 ~ 12:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				12:00 ~ 13:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				13:00 ~ 14:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				14:00 ~ 15:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				15:00 ~ 16:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				16:00 ~ 17:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				17:00 ~ 18:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				18:00 ~ 19:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				19:00 ~ 20:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				20:00 ~ 21:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				21:00 ~ 22:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				22:00 ~ 23:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
R25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D3 - Traffic Flow (Year 2028)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D4 - Comparison on Internal Truck Traffic Flow

						Year 2023 (from 2021 ERR)	Year 2024 and Year 2025 (in this assessment)	(2021 ERR - Yr 2024/2025)	Year 2023 (from 2021 ERR)		Year 2024 and Year 2025 (in this assessment)	
Link ID	Description	Bound	Road Type	Distance	Hour	HGV(9)b	HGV(9)b	Differences	Total VKT per hour	Total VKT per day	Total VKT per hour	Total VKT per day
(ID)		(direction)	(type)	(m)	(hour)	(#)	(#)	(#)	(VKT)	(VKT)	(VKT)	(VKT)
R06	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	123.8	00:00 ~ 01:00	0	0	**0**	0.0000		0.0000	
					01:00 ~ 02:00	0	0	**0**	0.0000		0.0000	
					02:00 ~ 03:00	0	0	**0**	0.0000		0.0000	
					03:00 ~ 04:00	0	0	**0**	0.0000		0.0000	
					04:00 ~ 05:00	0	0	**0**	0.0000		0.0000	
					05:00 ~ 06:00	0	0	**0**	0.0000		0.0000	
					06:00 ~ 07:00	0	0	**0**	0.0000		0.0000	
					07:00 ~ 08:00	0	135	**135**	0.0000		16.7095	
					08:00 ~ 09:00	0	135	**135**	0.0000		16.7095	
					09:00 ~ 10:00	0	135	**135**	0.0000		16.7095	
					10:00 ~ 11:00	0	135	**135**	0.0000		16.7095	
					11:00 ~ 12:00	0	135	**135**	0.0000	0.0000	16.7095	267.3521
					12:00 ~ 13:00	0	135	**135**	0.0000		16.7095	
					13:00 ~ 14:00	0	135	**135**	0.0000		16.7095	
					14:00 ~ 15:00	0	135	**135**	0.0000		16.7095	
					15:00 ~ 16:00	0	135	**135**	0.0000		16.7095	
					16:00 ~ 17:00	0	135	**135**	0.0000		16.7095	
					17:00 ~ 18:00	0	135	**135**	0.0000		16.7095	
					18:00 ~ 19:00	0	135	**135**	0.0000		16.7095	
					19:00 ~ 20:00	0	135	**135**	0.0000		16.7095	
					20:00 ~ 21:00	0	135	**135**	0.0000		16.7095	
					21:00 ~ 22:00	0	135	**135**	0.0000		16.7095	
					22:00 ~ 23:00	0	135	**135**	0.0000		16.7095	
					23:00 ~ 00:00	0	0	**0**	0.0000		0.0000	
R07	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	146.0	00:00 ~ 01:00	0	0	**0**	0.0000		0.0000	
					01:00 ~ 02:00	0	0	**0**	0.0000		0.0000	
					02:00 ~ 03:00	0	0	**0**	0.0000		0.0000	
					03:00 ~ 04:00	0	0	**0**	0.0000		0.0000	
					04:00 ~ 05:00	0	0	**0**	0.0000		0.0000	
					05:00 ~ 06:00	0	0	**0**	0.0000		0.0000	
					06:00 ~ 07:00	0	0	**0**	0.0000		0.0000	
					07:00 ~ 08:00	0	135	**135**	0.0000		19.7115	
					08:00 ~ 09:00	0	135	**135**	0.0000		19.7115	
					09:00 ~ 10:00	0	135	**135**	0.0000		19.7115	
					10:00 ~ 11:00	0	135	**135**	0.0000		19.7115	
					11:00 ~ 12:00	0	135	**135**	0.0000	0.0000	19.7115	315.3837
					12:00 ~ 13:00	0	135	**135**	0.0000		19.7115	
					13:00 ~ 14:00	0	135	**135**	0.0000		19.7115	
					14:00 ~ 15:00	0	135	**135**	0.0000		19.7115	
					15:00 ~ 16:00	0	135	**135**	0.0000		19.7115	
					16:00 ~ 17:00	0	135	**135**	0.0000		19.7115	
					17:00 ~ 18:00	0	135	**135**	0.0000		19.7115	
					18:00 ~ 19:00	0	135	**135**	0.0000		19.7115	
					19:00 ~ 20:00	0	135	**135**	0.0000		19.7115	
					20:00 ~ 21:00	0	135	**135**	0.0000		19.7115	
					21:00 ~ 22:00	0	135	**135**	0.0000		19.7115	
					22:00 ~ 23:00	0	135	**135**	0.0000		19.7115	
					23:00 ~ 00:00	0	0	**0**	0.0000		0.0000	
R10	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	132.2	00:00 ~ 01:00	0	0	**0**	0.0000		0.0000	
					01:00 ~ 02:00	0	0	**0**	0.0000		0.0000	
					02:00 ~ 03:00	0	0	**0**	0.0000		0.0000	
					03:00 ~ 04:00	0	0	**0**	0.0000		0.0000	
					04:00 ~ 05:00	0	0	**0**	0.0000		0.0000	
					05:00 ~ 06:00	0	0	**0**	0.0000		0.0000	
					06:00 ~ 07:00	0	0	**0**	0.0000		0.0000	
					07:00 ~ 08:00	0	135	**135**	0.0000		17.8537	
					08:00 ~ 09:00	0	135	**135**	0.0000		17.8537	
					09:00 ~ 10:00	0	135	**135**	0.0000		17.8537	
					10:00 ~ 11:00	0	135	**135**	0.0000		17.8537	
					11:00 ~ 12:00	0	135	**135**	0.0000	0.0000	17.8537	285.6585
					12:00 ~ 13:00	0	135	**135**	0.0000		17.8537	
					13:00 ~ 14:00	0	135	**135**	0.0000		17.8537	
					14:00 ~ 15:00	0	135	**135**	0.0000		17.8537	
					15:00 ~ 16:00	0	135	**135**	0.0000		17.8537	
					16:00 ~ 17:00	0	135	**135**	0.0000		17.8537	
					17:00 ~ 18:00	0	135	**135**	0.0000		17.8537	
					18:00 ~ 19:00	0	135	**135**	0.0000		17.8537	
					19:00 ~ 20:00	0	135	**135**	0.0000		17.8537	
					20:00 ~ 21:00	0	135	**135**	0.0000		17.8537	
					21:00 ~ 22:00	0	135	**135**	0.0000		17.8537	
					22:00 ~ 23:00	0	135	**135**	0.0000		17.8537	
					23:00 ~ 00:00	0	0	**0**	0.0000		0.0000	
R11	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	140.5	00:00 ~ 01:00	80	35	**-45**	11.2378		4.9165	
					01:00 ~ 02:00	80	35	**-45**	11.2378		4.9165	
					02:00 ~ 03:00	80	35	**-45**	11.2378		4.9165	
					03:00 ~ 04:00	80	35	**-45**	11.2378		4.9165	
					04:00 ~ 05:00	80	35	**-45**	11.2378		4.9165	
					05:00 ~ 06:00	80	35	**-45**	11.2378		4.9165	
					06:00 ~ 07:00	80	35	**-45**	11.2378		4.9165	
					07:00 ~ 08:00	80	35	**-45**	11.2378		4.9165	
					08:00 ~ 09:00	80	35	**-45**	11.2378		4.9165	
					09:00 ~ 10:00	80	35	**-45**	11.2378		4.9165	
					10:00 ~ 11:00	80	35	**-45**	11.2378		4.9165	
					11:00 ~ 12:00	80	35	**-45**	11.2378	269.7067	4.9165	117.9967
					12:00 ~ 13:00	80	35	**-45**	11.2378		4.9165	
					13:00 ~ 14:00	80	35	**-45**	11.2378		4.9165	
					14:00 ~ 15:00	80	35	**-45**	11.2378		4.9165	
					15:00 ~ 16:00	80	35	**-45**	11.2378		4.9165	
					16:00 ~ 17:00	80	35	**-45**	11.2378		4.9165	
					17:00 ~ 18:00	80	35	**-45**	11.2378		4.9165	
					18:00 ~ 19:00	80	35	**-45**	11.2378		4.9165	
					19:00 ~ 20:00	80	35	**-45**	11.2378		4.9165	
					20:00 ~ 21:00	80	35	**-45**	11.2378		4.9165	
					21:00 ~ 22:00	80	35	**-45**	11.2378		4.9165	
					22:00 ~ 23:00	80	35	**-45**	11.2378		4.9165	
					23:00 ~ 00:00	80	35	**-45**	11.2378		4.9165	

Appendix D4 - Comparison on Internal Truck Traffic Flow

						Year 2023 (from 2021 ERR)	Year 2024 and Year 2025 (in this assessment)	(2021 ERR - Yr 2024/2025)	Year 2023 (from 2021 ERR)		Year 2024 and Year 2025 (in this assessment)	
Link ID	Description	Bound	Road Type	Distance	Hour	HGV(9)b	HGV(9)b	Differences	Total VKT per hour	Total VKT per day	Total VKT per hour	Total VKT per day
(ID)		(direction)	(type)	(m)	(hour)	(#)	(#)	(#)	(VKT)	(VKT)	(VKT)	(VKT)
R12	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	214.7	00:00 ~ 01:00	0	-	-	0.0000	463.8498	-	0.0000
					01:00 ~ 02:00	0	-	-	0.0000		-	
					02:00 ~ 03:00	0	-	-	0.0000		-	
					03:00 ~ 04:00	0	-	-	0.0000		-	
					04:00 ~ 05:00	0	-	-	0.0000		-	
					05:00 ~ 06:00	0	-	-	0.0000		-	
					06:00 ~ 07:00	0	-	-	0.0000		-	
					07:00 ~ 08:00	135	-	-	28.9906		-	
					08:00 ~ 09:00	135	-	-	28.9906		-	
					09:00 ~ 10:00	135	-	-	28.9906		-	
					10:00 ~ 11:00	135	-	-	28.9906		-	
					11:00 ~ 12:00	135	-	-	28.9906		-	
					12:00 ~ 13:00	135	-	-	28.9906		-	
					13:00 ~ 14:00	135	-	-	28.9906		-	
					14:00 ~ 15:00	135	-	-	28.9906		-	
					15:00 ~ 16:00	135	-	-	28.9906		-	
					16:00 ~ 17:00	135	-	-	28.9906		-	
					17:00 ~ 18:00	135	-	-	28.9906		-	
					18:00 ~ 19:00	135	-	-	28.9906		-	
					19:00 ~ 20:00	135	-	-	28.9906		-	
					20:00 ~ 21:00	135	-	-	28.9906		-	
					21:00 ~ 22:00	135	-	-	28.9906		-	
					22:00 ~ 23:00	135	-	-	28.9906		-	
					23:00 ~ 00:00	0	-	-	0.0000		-	
R13	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	148.9	00:00 ~ 01:00	0	0	**0**	0.0000	340.6154	0.0000	38.1108
					01:00 ~ 02:00	0	0	**0**	0.0000		0.0000	
					02:00 ~ 03:00	0	0	**0**	0.0000		0.0000	
					03:00 ~ 04:00	0	0	**0**	0.0000		0.0000	
					04:00 ~ 05:00	0	0	**0**	0.0000		0.0000	
					05:00 ~ 06:00	0	0	**0**	0.0000		0.0000	
					06:00 ~ 07:00	0	0	**0**	0.0000		0.0000	
					07:00 ~ 08:00	143	16	**-127**	21.2885		2.3819	
					08:00 ~ 09:00	143	16	**-127**	21.2885		2.3819	
					09:00 ~ 10:00	143	16	**-127**	21.2885		2.3819	
					10:00 ~ 11:00	143	16	**-127**	21.2885		2.3819	
					11:00 ~ 12:00	143	16	**-127**	21.2885		2.3819	
					12:00 ~ 13:00	143	16	**-127**	21.2885		2.3819	
					13:00 ~ 14:00	143	16	**-127**	21.2885		2.3819	
					14:00 ~ 15:00	143	16	**-127**	21.2885		2.3819	
					15:00 ~ 16:00	143	16	**-127**	21.2885		2.3819	
					16:00 ~ 17:00	143	16	**-127**	21.2885		2.3819	
					17:00 ~ 18:00	143	16	**-127**	21.2885		2.3819	
					18:00 ~ 19:00	143	16	**-127**	21.2885		2.3819	
					19:00 ~ 20:00	143	16	**-127**	21.2885		2.3819	
					20:00 ~ 21:00	143	16	**-127**	21.2885		2.3819	
					21:00 ~ 22:00	143	16	**-127**	21.2885		2.3819	
					22:00 ~ 23:00	143	16	**-127**	21.2885		2.3819	
					23:00 ~ 00:00	0	0	**0**	0.0000		0.0000	
R14	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	49.1	00:00 ~ 01:00	66	66	**0**	3.2393	84.0246	3.2393	84.0246
					01:00 ~ 02:00	66	66	**0**	3.2393		3.2393	
					02:00 ~ 03:00	66	66	**0**	3.2393		3.2393	
					03:00 ~ 04:00	66	66	**0**	3.2393		3.2393	
					04:00 ~ 05:00	66	66	**0**	3.2393		3.2393	
					05:00 ~ 06:00	66	66	**0**	3.2393		3.2393	
					06:00 ~ 07:00	66	66	**0**	3.2393		3.2393	
					07:00 ~ 08:00	74	74	**0**	3.6319		3.6319	
					08:00 ~ 09:00	74	74	**0**	3.6319		3.6319	
					09:00 ~ 10:00	74	74	**0**	3.6319		3.6319	
					10:00 ~ 11:00	74	74	**0**	3.6319		3.6319	
					11:00 ~ 12:00	74	74	**0**	3.6319		3.6319	
					12:00 ~ 13:00	74	74	**0**	3.6319		3.6319	
					13:00 ~ 14:00	74	74	**0**	3.6319		3.6319	
					14:00 ~ 15:00	74	74	**0**	3.6319		3.6319	
					15:00 ~ 16:00	74	74	**0**	3.6319		3.6319	
					16:00 ~ 17:00	74	74	**0**	3.6319		3.6319	
					17:00 ~ 18:00	74	74	**0**	3.6319		3.6319	
					18:00 ~ 19:00	74	74	**0**	3.6319		3.6319	
					19:00 ~ 20:00	74	74	**0**	3.6319		3.6319	
					20:00 ~ 21:00	74	74	**0**	3.6319		3.6319	
					21:00 ~ 22:00	74	74	**0**	3.6319		3.6319	
					22:00 ~ 23:00	74	74	**0**	3.6319		3.6319	
					23:00 ~ 00:00	66	66	**0**	3.2393		3.2393	
R15	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	53.0	00:00 ~ 01:00	66	66	**0**	3.4976	90.7267	3.4976	90.7267
					01:00 ~ 02:00	66	66	**0**	3.4976		3.4976	
					02:00 ~ 03:00	66	66	**0**	3.4976		3.4976	
					03:00 ~ 04:00	66	66	**0**	3.4976		3.4976	
					04:00 ~ 05:00	66	66	**0**	3.4976		3.4976	
					05:00 ~ 06:00	66	66	**0**	3.4976		3.4976	
					06:00 ~ 07:00	66	66	**0**	3.4976		3.4976	
					07:00 ~ 08:00	74	74	**0**	3.9216		3.9216	
					08:00 ~ 09:00	74	74	**0**	3.9216		3.9216	
					09:00 ~ 10:00	74	74	**0**	3.9216		3.9216	
					10:00 ~ 11:00	74	74	**0**	3.9216		3.9216	
					11:00 ~ 12:00	74	74	**0**	3.9216		3.9216	
					12:00 ~ 13:00	74	74	**0**	3.9216		3.9216	
					13:00 ~ 14:00	74	74	**0**	3.9216		3.9216	
					14:00 ~ 15:00	74	74	**0**	3.9216		3.9216	
					15:00 ~ 16:00	74	74	**0**	3.9216		3.9216	
					16:00 ~ 17:00	74	74	**0**	3.9216		3.9216	
					17:00 ~ 18:00	74	74	**0**	3.9216		3.9216	
					18:00 ~ 19:00	74	74	**0**	3.9216		3.9216	
					19:00 ~ 20:00	74	74	**0**	3.9216		3.9216	
					20:00 ~ 21:00	74	74	**0**	3.9216		3.9216	
					21:00 ~ 22:00	74	74	**0**	3.9216		3.9216	
					22:00 ~ 23:00	74	74	**0**	3.9216		3.9216	
					23:00 ~ 00:00	66	66	**0**	3.4976		3.4976	

Appendix D4 - Comparison on Internal Truck Traffic Flow

						Year 2023 (from 2021 ERR)	Year 2024 and Year 2025 (in this assessment)	(2021 ERR - Yr 2024/2025)	Year 2023 (from 2021 ERR)		Year 2024 and Year 2025 (in this assessment)	
Link ID	Description	Bound	Road Type	Distance	Hour	HGV(9)b	HGV(9)b	Differences	Total VKT per hour	Total VKT per day	Total VKT per hour	Total VKT per day
(ID)		(direction)	(type)	(m)	(hour)	(#)	(#)	(#)	(VKT)	(VKT)	(VKT)	(VKT)
R17	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	145.8	00:00 ~ 01:00	66	66	**0**	9.6197	249.5294	9.6197	249.5294
					01:00 ~ 02:00	66	66	**0**	9.6197		9.6197	
					02:00 ~ 03:00	66	66	**0**	9.6197		9.6197	
					03:00 ~ 04:00	66	66	**0**	9.6197		9.6197	
					04:00 ~ 05:00	66	66	**0**	9.6197		9.6197	
					05:00 ~ 06:00	66	66	**0**	9.6197		9.6197	
					06:00 ~ 07:00	66	66	**0**	9.6197		9.6197	
					07:00 ~ 08:00	74	74	**0**	10.7857		10.7857	
					08:00 ~ 09:00	74	74	**0**	10.7857		10.7857	
					09:00 ~ 10:00	74	74	**0**	10.7857		10.7857	
					10:00 ~ 11:00	74	74	**0**	10.7857		10.7857	
					11:00 ~ 12:00	74	74	**0**	10.7857		10.7857	
					12:00 ~ 13:00	74	74	**0**	10.7857		10.7857	
					13:00 ~ 14:00	74	74	**0**	10.7857		10.7857	
					14:00 ~ 15:00	74	74	**0**	10.7857		10.7857	
					15:00 ~ 16:00	74	74	**0**	10.7857		10.7857	
					16:00 ~ 17:00	74	74	**0**	10.7857		10.7857	
					17:00 ~ 18:00	74	74	**0**	10.7857		10.7857	
					18:00 ~ 19:00	74	74	**0**	10.7857		10.7857	
					19:00 ~ 20:00	74	74	**0**	10.7857		10.7857	
					20:00 ~ 21:00	74	74	**0**	10.7857		10.7857	
					21:00 ~ 22:00	74	74	**0**	10.7857		10.7857	
					22:00 ~ 23:00	74	74	**0**	10.7857		10.7857	
					23:00 ~ 00:00	66	66	**0**	9.6197		9.6197	
R19	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	127.2	00:00 ~ 01:00	0	0	**0**	0.0000	323.5756	0.0000	32.5611
					01:00 ~ 02:00	0	0	**0**	0.0000		0.0000	
					02:00 ~ 03:00	0	0	**0**	0.0000		0.0000	
					03:00 ~ 04:00	0	0	**0**	0.0000		0.0000	
					04:00 ~ 05:00	0	0	**0**	0.0000		0.0000	
					05:00 ~ 06:00	0	0	**0**	0.0000		0.0000	
					06:00 ~ 07:00	0	0	**0**	0.0000		0.0000	
					07:00 ~ 08:00	159	16	**-143**	20.2235		2.0351	
					08:00 ~ 09:00	159	16	**-143**	20.2235		2.0351	
					09:00 ~ 10:00	159	16	**-143**	20.2235		2.0351	
					10:00 ~ 11:00	159	16	**-143**	20.2235		2.0351	
					11:00 ~ 12:00	159	16	**-143**	20.2235		2.0351	
					12:00 ~ 13:00	159	16	**-143**	20.2235		2.0351	
					13:00 ~ 14:00	159	16	**-143**	20.2235		2.0351	
					14:00 ~ 15:00	159	16	**-143**	20.2235		2.0351	
					15:00 ~ 16:00	159	16	**-143**	20.2235		2.0351	
					16:00 ~ 17:00	159	16	**-143**	20.2235		2.0351	
					17:00 ~ 18:00	159	16	**-143**	20.2235		2.0351	
					18:00 ~ 19:00	159	16	**-143**	20.2235		2.0351	
					19:00 ~ 20:00	159	16	**-143**	20.2235		2.0351	
					20:00 ~ 21:00	159	16	**-143**	20.2235		2.0351	
					21:00 ~ 22:00	159	16	**-143**	20.2235		2.0351	
					22:00 ~ 23:00	159	16	**-143**	20.2235		2.0351	
					23:00 ~ 00:00	0	0	**0**	0.0000		0.0000	
R20	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	50.0	00:00 ~ 01:00	0	-	**-**	0.0000	6.3943	-	0.0000
					01:00 ~ 02:00	0	-	**-**	0.0000		-	
					02:00 ~ 03:00	0	-	**-**	0.0000		-	
					03:00 ~ 04:00	0	-	**-**	0.0000		-	
					04:00 ~ 05:00	0	-	**-**	0.0000		-	
					05:00 ~ 06:00	0	-	**-**	0.0000		-	
					06:00 ~ 07:00	0	-	**-**	0.0000		-	
					07:00 ~ 08:00	8	-	**-**	0.3996		-	
					08:00 ~ 09:00	8	-	**-**	0.3996		-	
					09:00 ~ 10:00	8	-	**-**	0.3996		-	
					10:00 ~ 11:00	8	-	**-**	0.3996		-	
					11:00 ~ 12:00	8	-	**-**	0.3996		-	
					12:00 ~ 13:00	8	-	**-**	0.3996		-	
					13:00 ~ 14:00	8	-	**-**	0.3996		-	
					14:00 ~ 15:00	8	-	**-**	0.3996		-	
					15:00 ~ 16:00	8	-	**-**	0.3996		-	
					16:00 ~ 17:00	8	-	**-**	0.3996		-	
					17:00 ~ 18:00	8	-	**-**	0.3996		-	
					18:00 ~ 19:00	8	-	**-**	0.3996		-	
					19:00 ~ 20:00	8	-	**-**	0.3996		-	
					20:00 ~ 21:00	8	-	**-**	0.3996		-	
					21:00 ~ 22:00	8	-	**-**	0.3996		-	
					22:00 ~ 23:00	8	-	**-**	0.3996		-	
					23:00 ~ 00:00	0	-	**-**	0.0000		-	
R21	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	196.0	00:00 ~ 01:00	132	132	**0**	25.8715	1044.2674	25.8715	620.9157
					01:00 ~ 02:00	132	132	**0**	25.8715		25.8715	
					02:00 ~ 03:00	132	132	**0**	25.8715		25.8715	
					03:00 ~ 04:00	132	132	**0**	25.8715		25.8715	
					04:00 ~ 05:00	132	132	**0**	25.8715		25.8715	
					05:00 ~ 06:00	132	132	**0**	25.8715		25.8715	
					06:00 ~ 07:00	132	132	**0**	25.8715		25.8715	
					07:00 ~ 08:00	267	132	**-135**	52.3310		25.8715	
					08:00 ~ 09:00	267	132	**-135**	52.3310		25.8715	
					09:00 ~ 10:00	267	132	**-135**	52.3310		25.8715	
					10:00 ~ 11:00	267	132	**-135**	52.3310		25.8715	
					11:00 ~ 12:00	267	132	**-135**	52.3310		25.8715	
					12:00 ~ 13:00	267	132	**-135**	52.3310		25.8715	
					13:00 ~ 14:00	267	132	**-135**	52.3310		25.8715	
					14:00 ~ 15:00	267	132	**-135**	52.3310		25.8715	
					15:00 ~ 16:00	267	132	**-135**	52.3310		25.8715	
					16:00 ~ 17:00	267	132	**-135**	52.3310		25.8715	
					17:00 ~ 18:00	267	132	**-135**	52.3310		25.8715	
					18:00 ~ 19:00	267	132	**-135**	52.3310		25.8715	
					19:00 ~ 20:00	267	132	**-135**	52.3310		25.8715	
					20:00 ~ 21:00	267	132	**-135**	52.3310		25.8715	
					21:00 ~ 22:00	267	132	**-135**	52.3310		25.8715	
					22:00 ~ 23:00	267	132	**-135**	52.3310		25.8715	
					23:00 ~ 00:00	132	132	**0**	25.8715		25.8715	

Appendix D4 - Comparison on Internal Truck Traffic Flow

						Year 2023 (from 2021 ERR)	Year 2024 and Year 2025 (in this assessment)	(2021 ERR - Yr 2024/2025)	Year 2023 (from 2021 ERR)		Year 2024 and Year 2025 (in this assessment)	
Link ID	Description	Bound	Road Type	Distance	Hour	HGV(9)b	HGV(9)b	Differences	Total VKT per hour	Total VKT per day	Total VKT per hour	Total VKT per day
(ID)		(direction)	(type)	(m)	(hour)	(#)	(#)	(#)	(VKT)	(VKT)	(VKT)	(VKT)
R22	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	76.2	00:00 ~ 01:00	132	132	0	10.0555	260.8324	10.0555	260.8324
					01:00 ~ 02:00	132	132	0	10.0555		10.0555	
					02:00 ~ 03:00	132	132	0	10.0555		10.0555	
					03:00 ~ 04:00	132	132	0	10.0555		10.0555	
					04:00 ~ 05:00	132	132	0	10.0555		10.0555	
					05:00 ~ 06:00	132	132	0	10.0555		10.0555	
					06:00 ~ 07:00	132	132	0	10.0555		10.0555	
					07:00 ~ 08:00	148	148	0	11.2743		11.2743	
					08:00 ~ 09:00	148	148	0	11.2743		11.2743	
					09:00 ~ 10:00	148	148	0	11.2743		11.2743	
					10:00 ~ 11:00	148	148	0	11.2743		11.2743	
					11:00 ~ 12:00	148	148	0	11.2743		11.2743	
					12:00 ~ 13:00	148	148	0	11.2743		11.2743	
					13:00 ~ 14:00	148	148	0	11.2743		11.2743	
					14:00 ~ 15:00	148	148	0	11.2743		11.2743	
					15:00 ~ 16:00	148	148	0	11.2743		11.2743	
					16:00 ~ 17:00	148	148	0	11.2743		11.2743	
					17:00 ~ 18:00	148	148	0	11.2743		11.2743	
					18:00 ~ 19:00	148	148	0	11.2743		11.2743	
					19:00 ~ 20:00	148	148	0	11.2743		11.2743	
					20:00 ~ 21:00	148	148	0	11.2743		11.2743	
					21:00 ~ 22:00	148	148	0	11.2743		11.2743	
					22:00 ~ 23:00	148	148	0	11.2743		11.2743	
					23:00 ~ 00:00	132	132	0	10.0555		10.0555	
Total VKT per day within Tuen Mun Fill Bank									3133.5222		2363.0916	

Note:
(a) The haul roads (except the omitted haul roads R12 and R20) in Years 2024 to 2028 are exactly the same as those in Year 2023, confirmed by CEDD. Figure of haul roads is presented in Appendix D5.

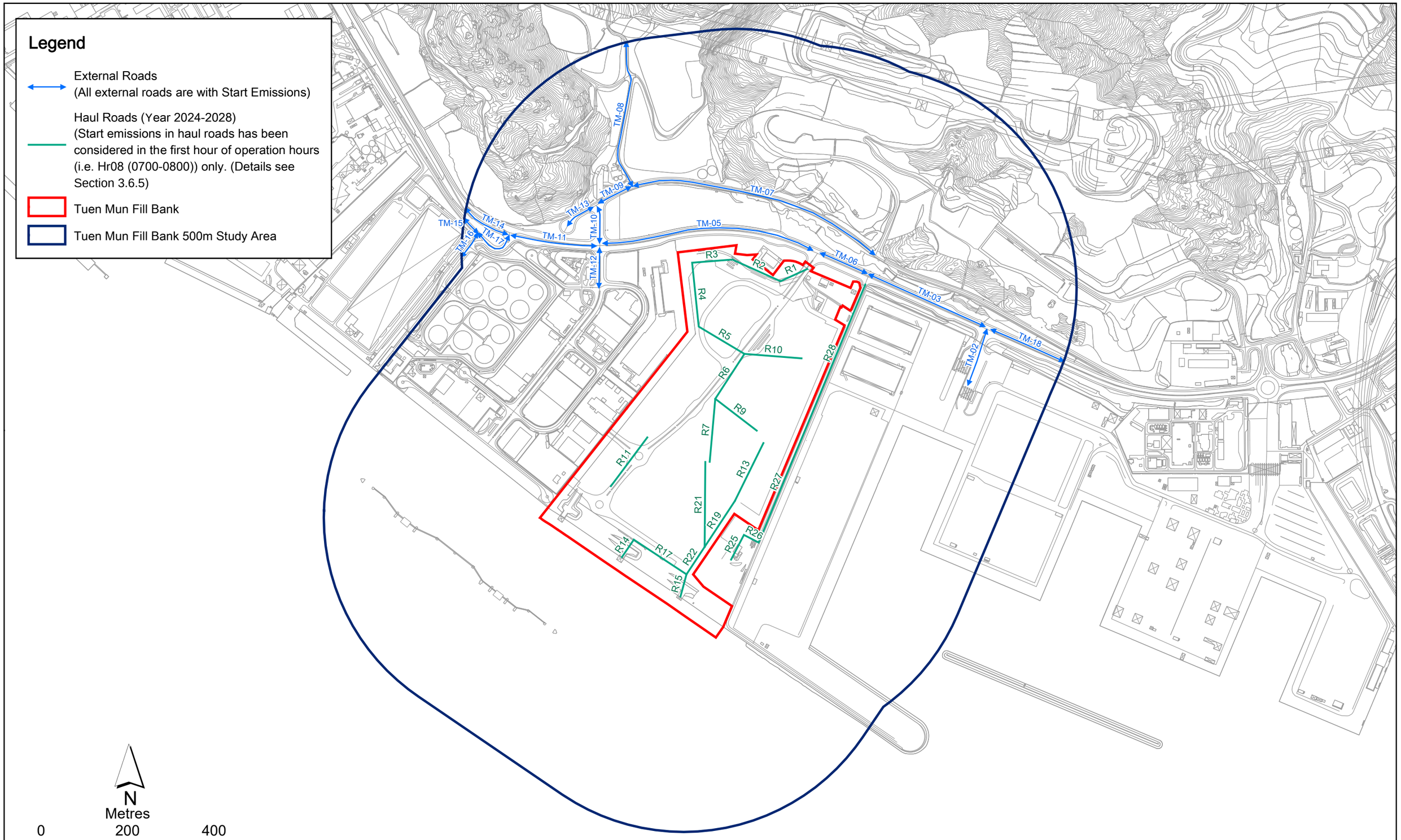
Legend

External Roads
(All external roads are with Start Emissions)

Haul Roads (Year 2024-2028)
(Start emissions in haul roads has been considered in the first hour of operation hours (i.e. Hr08 (0700-0800)) only. (Details see Section 3.6.5)

Tuen Mun Fill Bank

Tuen Mun Fill Bank 500m Study Area



N
Metres
0 200 400

Appendix D5a

Road Links within 500m Assessment Area (Year 2024-2028)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_Road_Links.mxd
Date: 28/9/2023

Environmental Resources Management

ERM

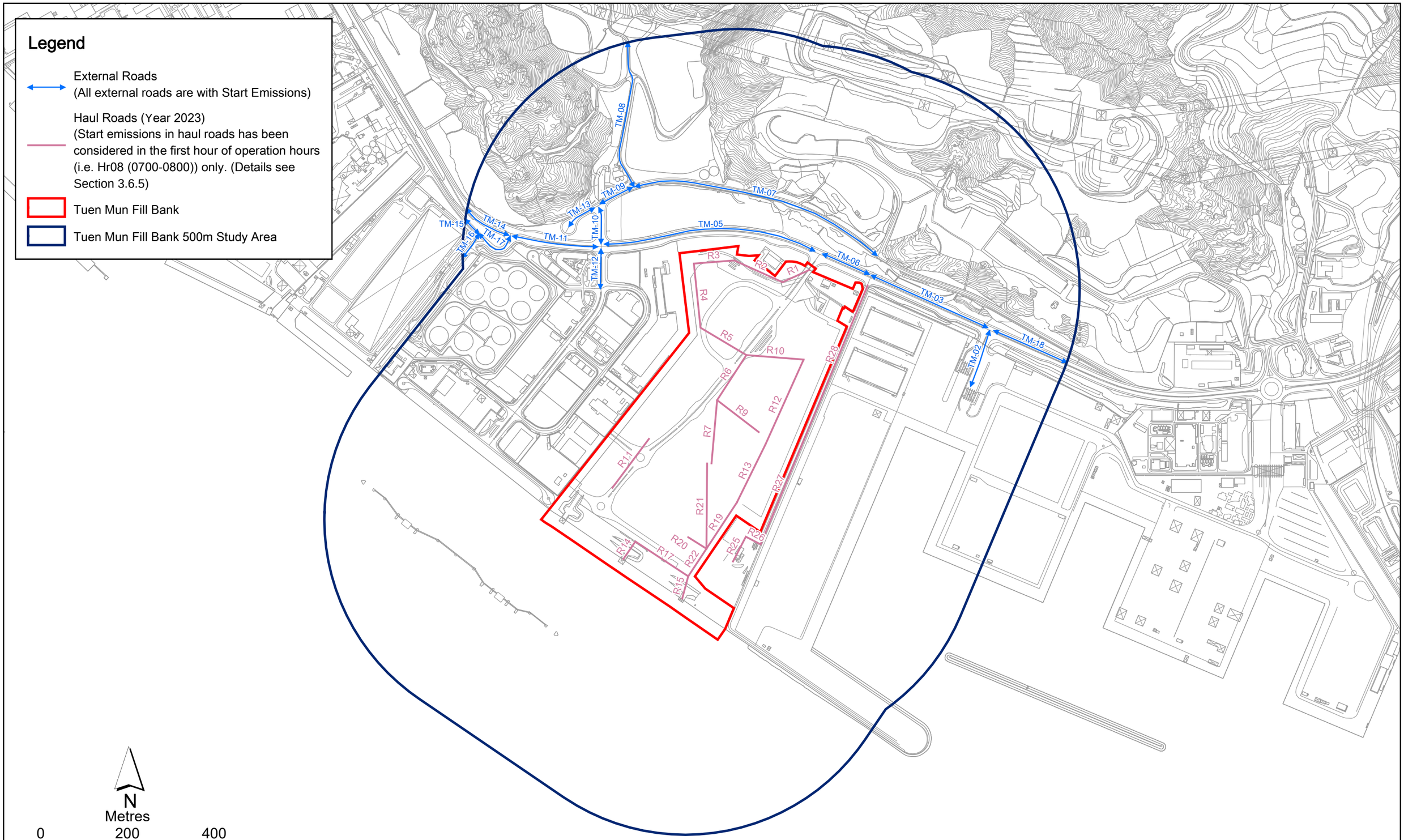
Legend

External Roads
(All external roads are with Start Emissions)

Haul Roads (Year 2023)
(Start emissions in haul roads has been considered in the first hour of operation hours (i.e. Hr08 (0700-0800)) only. (Details see Section 3.6.5)

Tuen Mun Fill Bank

Tuen Mun Fill Bank 500m Study Area



N
Metres
0 200 400

Appendix D5b

Road Links within 500m Assessment Area (Year 2023)

File: T:\GIS\CONTRACT\0685896\mxd\0685896_Road_Links.mxd
Date: 28/9/2023

Environmental Resources Management

ERM

By Fax
(Fax No.: 3020 0321)

運輸署
Transport Department

本署檔案 Our Ref. : (NP2VX) in TD NR182/203-28
來函檔號 Your Ref. : 31003-0002
電　　話 Tel. : 2399 2261
圖文傳真 Fax : 2381 3799
電　　郵 Email :

13 October 2023

AXON Consultancy Limited
Unit 503, 5/F, Tower 2,
Lippo Centre, Admiralty, Hong Kong
(Attn.: Mr. Sam FUNG)

Dear Mr. FUNG,

Environmental Review for Extension of Operation of Fill Bank at Tuen Mun Area 38 - Traffic Forecast in Year 2024, 2025 and 2028 for the Air Quality Impact Assessment Purpose

I refer to your letter under reference dated 6 June 2023 regarding the caption.

Please note that the Air Quality Impact Assessment is not under our purview. We are not in a position to provide comments on the traffic figures tailor-made for the environmental assessment purposes.

Notwithstanding the above, please note that we would have no objection in principle to the methodology for traffic forecast if it is the same as that adopted in the traffic impact assessment for the captioned project and the base year observed traffic data tally with those for traffic impact assessment.

Should there be any discrepancy in the traffic data and the methodology for traffic forecast between traffic impact assessment and the subject assessment, please highlight for our consideration.

Yours faithfully,

(Alex PONG)
for Commissioner for Transport

新界分區辦事處
NT Regional Office
九龍聯運街三十號旺角政府合署七樓
7th Floor, Mong Kok Government Offices, 30 Luen Wan Street, Kowloon.
圖文傳真 Fax No.: 2381 3799 (新界區) (NTRO)
網址 Web Site: http://www.td.gov.hk

APPENDIX E CALCULATION OF TOTAL VEHICULAR EMISSIONS FROM INTERNAL AND EXTERNAL ROADS

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

Trips extracted from EMFAC-HK — **EMFAC Year** 2024

Hong Kong SAR Trips-per-Day by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	939281.4	17168.78	0	**956450.18**
02 - Taxi	14.76396	0	73193.91	**73208.674**
03 - Light Goods Vehicles<=2.5t	98.90183	2241.882	0	**2340.78383**
04 - Lt Goods Vehicles 2.5-3.5t	6644.108	217491.9	0	**224136.008**
05 - Light Goods Vehicles>3.5t	0	80484.84	0	**80484.84**
06 - Medium Goods Vehicles<=15t	0	51781.59	0	**51781.59**
07 - Medium Goods Vehicles15-24t	0	101795.2	0	**101795.2**
08 - Public Light Buses	0	8843.945	8449.744	**17293.689**
09 - Private Light Bus <=3.5t	472.5099	963.8901	0	**1436.4**
10 - Private Light Bus >3.5t	19.15026	8643.869	2549.867	**11212.8863**
11 - Non-franchised Bus<=6.4t	0	10185.96	0	**10185.96**
12 - Non-franchised Bus 6.4-15t	0	7066.586	0	**7066.586**
13 - Non-franchised Bus 15-24t	0	15512.9	0	**15512.9**
14 - Franchised Bus (SD)	0	2933.663	0	**2933.663**
15 - Franchised Bus (DD)	0	62351.05	0	**62351.05**
16 - Motorcycles (MC)	387268.3	0	0	**387268.3**
17 - Heavy Goods Vehicles>24t	0	26593.44	0	**26593.44**
18 - Non-franchised Bus >24t	0	7.9984	0	**7.9984**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

VKT extracted from EMFAC-HK — **EMFAC Year** 2024

Hong Kong SAR VKT by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	17910284	305812.4	0	**18216096.4**
02 - Taxi	1586.375	0	7864616	**7866202.38**
03 - Light Goods Vehicles<=2.5t	1483.205	36852.67	0	**38335.875**
04 - Lt Goods Vehicles 2.5-3.5t	106507.8	3688238	0	**3794745.8**
05 - Light Goods Vehicles>3.5t	0	1988556	0	**1988556**
06 - Medium Goods Vehicles<=15t	0	1111121	0	**1111121**
07 - Medium Goods Vehicles15-24t	0	2190309	0	**2190309**
08 - Public Light Buses	0	533072.1	509209.6	**1042281.7**
09 - Private Light Bus <=3.5t	10650.46	35041.65	0	**45692.11**
10 - Private Light Bus >3.5t	396.5096	247288.1	53558.07	**301242.68**
11 - Non-franchised Bus<=6.4t	0	314180.4	0	**314180.4**
12 - Non-franchised Bus 6.4-15t	0	212326.5	0	**212326.5**
13 - Non-franchised Bus 15-24t	0	464027.4	0	**464027.4**
14 - Franchised Bus (SD)	0	49208.73	0	**49208.73**
15 - Franchised Bus (DD)	0	1295957	0	**1295957**
16 - Motorcycles (MC)	1055355	0	0	**1055355**
17 - Heavy Goods Vehicles>24t	0	570376.2	0	**570376.2**
18 - Non-franchised Bus >24t	0	239.9847	0	**239.9847**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

EMFAC Year 2024

Trips per VKT	
PC	**0.366183**
TAXI	**0.064907**
LGV3	**0.425841**
LGV4	**0.411927**
LGV6	**0.282272**
HGV7	**0.325017**
HGV8	**0.324126**
PLB	**0.115716**
PV4	**0.219243**
PV5	**0.259593**
NFB6	**0.226107**
NFB7	**0.232112**
NFB8	**0.233153**
FBSD	**0.415776**
FBDD	**0.335540**
MC	**2.559203**
HGV9	**0.325166**
NFB9	**0.232440**

HKO Met Data

2022 Tuen Mun Children and Juvenile Home HKO Automatic Weather Station

TEMP (°C)	**7**
RH (%)	**18**

2022 Traffic Census

Region	Major Road Network	Minor Road Network	All Road Network
HKI	4694332	1008295	5702627
KLN	6942512	1041185	7983697
NT	21261219	3457253	24718472
Subtotal	32898063	5506733	38404796
% Share	85.66%	**14.34%**	100.00%

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NOx Running Emissions (gram/km) at different speeds **EMFAC Year 2024**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0572	0.9418	2.3732	2.1979	2.7539	4.4253	7.5017	1.8038	1.4444	1.8845	3.9977	5.9189	12.4897	10.7130	13.3153	0.4411	9.5443	11.0306	9.4622
28	0.0380	0.5095	1.3298	1.1778	1.6205	2.5066	3.2069	1.1433	0.7257	1.0114	2.0452	3.3346	5.5824	5.0309	5.5778	0.3586	4.2668	4.7252	-
29	0.0374	0.5000	1.2996	1.1470	1.5887	2.4549	3.1145	1.1223	0.7022	0.9896	1.9990	3.2656	5.4311	4.9053	5.4195	0.3553	4.1514	4.5936	-
30	0.0368	0.4913	1.2707	1.1174	1.5583	2.4056	3.0280	1.1023	0.6795	0.9689	1.9554	3.1999	5.2891	4.7874	5.2709	0.3522	4.0431	4.4708	-
32	0.0357	0.4736	1.1918	1.0292	1.4857	2.2934	2.8702	1.0646	0.6016	0.9307	1.8749	3.0524	5.0294	4.5717	4.9996	0.3463	3.8452	4.2485	-
33	0.0352	0.4653	1.1680	1.0052	1.4602	2.2518	2.7980	1.0469	0.5836	0.9130	1.8377	2.9969	4.9104	4.4728	4.8753	0.3435	3.7545	4.1477	-
34	0.0347	0.4574	1.1455	0.9827	1.4359	2.2124	2.7298	1.0299	0.5668	0.8961	1.8024	2.9442	4.7978	4.3793	4.7578	0.3409	3.6688	4.0529	-
35	0.0342	0.4499	1.1242	0.9614	1.4128	2.1748	2.6654	1.0136	0.5510	0.8800	1.7687	2.8941	4.6910	4.2907	4.6465	0.3383	3.5875	3.9638	-
36	0.0338	0.4427	1.1041	0.9412	1.3908	2.1390	2.6042	0.9980	0.5362	0.8646	1.7365	2.8463	4.5898	4.2067	4.5409	0.3358	3.5105	3.8798	-
37	0.0333	0.4358	1.0849	0.9222	1.3698	2.1049	2.5463	0.9831	0.5222	0.8499	1.7058	2.8007	4.4935	4.1269	4.4406	0.3334	3.4372	3.8006	-
38	0.0329	0.4292	1.0667	0.9041	1.3498	2.0723	2.4912	0.9688	0.5091	0.8359	1.6765	2.7571	4.4019	4.0510	4.3451	0.3311	3.3676	3.7258	-
39	0.0324	0.4228	1.0494	0.8869	1.3306	2.0411	2.4388	0.9551	0.4967	0.8224	1.6484	2.7154	4.3147	3.9788	4.2541	0.3289	3.3012	3.6551	-
40	0.0320	0.4168	1.0329	0.8706	1.3122	2.0111	2.3888	0.9420	0.4849	0.8095	1.6214	2.6754	4.2314	3.9099	4.1673	0.3268	3.2380	3.5881	-
41	0.0316	0.4110	1.0171	0.8551	1.2946	1.9825	2.3412	0.9295	0.4738	0.7971	1.5956	2.6371	4.1519	3.8441	4.0844	0.3248	3.1776	3.5247	-
42	0.0312	0.4054	1.0021	0.8402	1.2777	1.9549	2.2958	0.9175	0.4632	0.7853	1.5707	2.6003	4.0759	3.7813	4.0051	0.3229	3.1198	3.4645	-
43	0.0309	0.4000	0.9877	0.8261	1.2614	1.9285	2.2523	0.9061	0.4532	0.7739	1.5469	2.5649	4.0031	3.7213	3.9292	0.3210	3.0646	3.4075	-
44	0.0305	0.3948	0.9739	0.8126	1.2457	1.9030	2.2108	0.8952	0.4437	0.7629	1.5239	2.5309	3.9334	3.6639	3.8565	0.3192	3.0117	3.3532	-
45	0.0301	0.3898	0.9606	0.7996	1.2307	1.8785	2.1709	0.8849	0.4346	0.7524	1.5018	2.4981	3.8666	3.6088	3.7867	0.3175	2.9610	3.3016	-
46	0.0298	0.3850	0.9479	0.7872	1.2161	1.8549	2.1328	0.8751	0.4260	0.7423	1.4804	2.4666	3.8025	3.5561	3.7197	0.3159	2.9124	3.2526	-
47	0.0294	0.3804	0.9357	0.7753	1.2021	1.8321	2.0962	0.8658	0.4177	0.7326	1.4598	2.4361	3.7408	3.5054	3.6553	0.3144	2.8657	3.2058	-
48	0.0291	0.3759	0.9240	0.7639	1.1886	1.8101	2.0611	0.8570	0.4098	0.7233	1.4400	2.4067	3.6816	3.4568	3.5934	0.3129	2.8208	3.1613	-
49	0.0288	0.3716	0.9127	0.7529	1.1755	1.7889	2.0273	0.8487	0.4023	0.7143	1.4208	2.3783	3.6246	3.4101	3.5338	0.3116	2.7777	3.1188	-
50	0.0285	0.3674	0.9019	0.7424	1.1628	1.7683	1.9948	0.8409	0.3951	0.7057	1.4022	2.3508	3.5698	3.3652	3.4764	0.3102	2.7361	3.0783	-
66	0.0255	0.3259	0.8046	0.6414	1.0044	1.5856	1.7092	0.7919	0.3189	0.6364	1.2453	2.1074	3.0988	2.9943	3.4252	0.2982	2.3804	2.7325	-
67	0.0253	0.3251	0.8031	0.6390	0.9965	1.5856	1.7092	0.7938	0.3161	0.6368	1.2453	2.1074	3.0988	2.9943	3.4252	0.2979	2.3804	2.7325	-
68	0.0252	0.3243	0.8016	0.6367	0.9889	1.5856	1.7092	0.7960	0.3135	0.6372	1.2453	2.1074	3.0988	2.9943	3.4252	0.2977	2.3804	2.7325	-
69	0.0250	0.3237	0.8003	0.6346	0.9814	1.5856	1.7092	0.7985	0.3109	0.6378	1.2453	2.1074	3.0988	2.9943	3.4252	0.2976	2.3804	2.7325	-
70	0.0249	0.3231	0.7992	0.6325	0.9741	1.5856	1.7092	0.8015	0.3085	0.6384	1.2453	2.1074	3.0988	2.9943	3.4252	0.2975	2.3804	2.7325	-

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NO2 Running Emissions (gram/km) at different speeds

EMFAC Year: 2024

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0030	0.0247	0.2082	0.1890	0.7711	1.3548	1.2778	0.2237	0.2679	0.4674	1.1194	1.8975	1.3263	0.3381	0.8162	0.0221	1.4080	1.2449	0.6238
28	0.0020	0.0132	0.1170	0.1028	0.4537	0.7643	0.4959	0.1158	0.1304	0.2394	0.5726	1.0716	0.5295	0.1522	0.3146	0.0179	0.5903	0.4357	-
29	0.0020	0.0130	0.1144	0.1002	0.4448	0.7484	0.4796	0.1132	0.1259	0.2340	0.5597	1.0495	0.5127	0.1481	0.3059	0.0178	0.5728	0.4195	-
30	0.0019	0.0128	0.1118	0.0978	0.4363	0.7331	0.4643	0.1107	0.1216	0.2289	0.5475	1.0284	0.4971	0.1443	0.2977	0.0176	0.5564	0.4045	-
32	0.0019	0.0123	0.1050	0.0906	0.4160	0.6980	0.4367	0.1062	0.1064	0.2195	0.5250	0.9808	0.4686	0.1374	0.2828	0.0173	0.5265	0.3775	-
33	0.0019	0.0121	0.1029	0.0886	0.4089	0.6852	0.4241	0.1041	0.1030	0.2151	0.5146	0.9631	0.4556	0.1343	0.2760	0.0172	0.5129	0.3653	-
34	0.0018	0.0119	0.1010	0.0867	0.4021	0.6731	0.4122	0.1021	0.0998	0.2110	0.5047	0.9462	0.4433	0.1313	0.2696	0.0170	0.5000	0.3539	-
35	0.0018	0.0117	0.0991	0.0849	0.3956	0.6615	0.4010	0.1002	0.0968	0.2071	0.4952	0.9301	0.4318	0.1284	0.2635	0.0169	0.4878	0.3432	-
36	0.0018	0.0115	0.0973	0.0832	0.3894	0.6505	0.3904	0.0984	0.0940	0.2033	0.4862	0.9148	0.4208	0.1257	0.2578	0.0168	0.4762	0.3331	-
37	0.0018	0.0113	0.0956	0.0816	0.3836	0.6400	0.3803	0.0967	0.0913	0.1997	0.4776	0.9001	0.4105	0.1232	0.2523	0.0167	0.4652	0.3236	-
38	0.0017	0.0111	0.0940	0.0801	0.3779	0.6299	0.3708	0.0951	0.0888	0.1963	0.4694	0.8862	0.4006	0.1208	0.2472	0.0166	0.4548	0.3147	-
39	0.0017	0.0110	0.0925	0.0786	0.3726	0.6203	0.3618	0.0935	0.0865	0.1930	0.4615	0.8728	0.3913	0.1185	0.2422	0.0164	0.4449	0.3063	-
40	0.0017	0.0108	0.0911	0.0772	0.3674	0.6111	0.3532	0.0920	0.0843	0.1898	0.4540	0.8600	0.3824	0.1163	0.2376	0.0163	0.4354	0.2983	-
41	0.0017	0.0106	0.0897	0.0759	0.3625	0.6023	0.3450	0.0905	0.0822	0.1868	0.4468	0.8477	0.3739	0.1142	0.2331	0.0162	0.4264	0.2908	-
42	0.0017	0.0105	0.0884	0.0747	0.3577	0.5939	0.3373	0.0891	0.0802	0.1839	0.4398	0.8359	0.3659	0.1122	0.2288	0.0161	0.4178	0.2837	-
43	0.0016	0.0104	0.0871	0.0735	0.3532	0.5857	0.3298	0.0878	0.0783	0.1811	0.4331	0.8245	0.3582	0.1103	0.2247	0.0160	0.4096	0.2769	-
44	0.0016	0.0102	0.0859	0.0723	0.3488	0.5779	0.3228	0.0865	0.0765	0.1784	0.4267	0.8136	0.3508	0.1085	0.2208	0.0160	0.4017	0.2705	-
45	0.0016	0.0101	0.0847	0.0712	0.3446	0.5704	0.3160	0.0853	0.0748	0.1758	0.4205	0.8031	0.3438	0.1067	0.2170	0.0159	0.3942	0.2644	-
46	0.0016	0.0100	0.0836	0.0701	0.3405	0.5632	0.3095	0.0841	0.0732	0.1734	0.4145	0.7930	0.3371	0.1051	0.2134	0.0158	0.3869	0.2586	-
47	0.0016	0.0098	0.0825	0.0691	0.3366	0.5562	0.3033	0.0829	0.0717	0.1709	0.4088	0.7832	0.3306	0.1035	0.2100	0.0157	0.3800	0.2531	-
48	0.0015	0.0097	0.0815	0.0682	0.3328	0.5494	0.2973	0.0818	0.0702	0.1686	0.4032	0.7738	0.3244	0.1019	0.2066	0.0156	0.3734	0.2479	-
49	0.0015	0.0096	0.0805	0.0672	0.3291	0.5429	0.2916	0.0807	0.0688	0.1664	0.3978	0.7647	0.3185	0.1004	0.2034	0.0156	0.3670	0.2429	-
50	0.0015	0.0095	0.0795	0.0663	0.3256	0.5366	0.2862	0.0797	0.0674	0.1642	0.3926	0.7559	0.3128	0.0990	0.2004	0.0155	0.3608	0.2381	-
66	0.0014	0.0084	0.0706	0.0576	0.2812	0.4804	0.2354	0.0710	0.0530	0.1459	0.3487	0.6778	0.2607	0.0869	0.1855	0.0149	0.3060	0.1920	-
67	0.0014	0.0084	0.0705	0.0574	0.2790	0.4804	0.2354	0.0711	0.0525	0.1459	0.3487	0.6778	0.2607	0.0869	0.1855	0.0149	0.3060	0.1920	-
68	0.0014	0.0084	0.0703	0.0573	0.2769	0.4804	0.2354	0.0711	0.0520	0.1459	0.3487	0.6778	0.2607	0.0869	0.1855	0.0149	0.3060	0.1920	-
69	0.0013	0.0084	0.0702	0.0571	0.2748	0.4804	0.2354	0.0711	0.0515	0.1459	0.3487	0.6778	0.2607	0.0869	0.1855	0.0149	0.3060	0.1920	-
70	0.0013	0.0083	0.0701	0.0569	0.2728	0.4804	0.2354	0.0711	0.0510	0.1459	0.3487	0.6778	0.2607	0.0869	0.1855	0.0149	0.3060	0.1920	-

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NO Running Emissions (gram/km) at different speeds **EMFAC Year 2024**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0542	0.9171	2.1650	2.0089	1.9828	3.0705	6.2239	1.5801	1.1765	1.4171	2.8783	4.0214	11.1634	10.3749	12.4991	0.4190	8.1363	9.7857	8.8384
28	0.0360	0.4963	1.2128	1.0750	1.1668	1.7423	2.7110	1.0275	0.5953	0.7720	1.4726	2.2630	5.0529	4.8787	5.2632	0.3407	3.6765	4.2895	-
29	0.0354	0.4870	1.1852	1.0468	1.1439	1.7065	2.6349	1.0091	0.5763	0.7556	1.4393	2.2161	4.9184	4.7572	5.1136	0.3375	3.5786	4.1741	-
30	0.0349	0.4785	1.1589	1.0196	1.1220	1.6725	2.5637	0.9916	0.5579	0.7400	1.4079	2.1715	4.7920	4.6431	4.9732	0.3346	3.4867	4.0663	-
32	0.0338	0.4613	1.0868	0.9386	1.0697	1.5954	2.4335	0.9584	0.4952	0.7112	1.3499	2.0716	4.5608	4.4343	4.7168	0.3290	3.3187	3.8710	-
33	0.0333	0.4532	1.0651	0.9166	1.0513	1.5666	2.3739	0.9428	0.4806	0.6979	1.3231	2.0338	4.4548	4.3385	4.5993	0.3263	3.2416	3.7824	-
34	0.0329	0.4455	1.0445	0.8960	1.0338	1.5393	2.3176	0.9278	0.4670	0.6851	1.2977	1.9980	4.3545	4.2480	4.4882	0.3239	3.1688	3.6990	-
35	0.0324	0.4382	1.0251	0.8765	1.0172	1.5133	2.2644	0.9134	0.4542	0.6729	1.2735	1.9640	4.2592	4.1623	4.3830	0.3214	3.0997	3.6206	-
36	0.0320	0.4312	1.0068	0.8580	1.0014	1.4885	2.2138	0.8996	0.4422	0.6613	1.2503	1.9315	4.1690	4.0810	4.2831	0.3190	3.0343	3.5467	-
37	0.0315	0.4245	0.9893	0.8406	0.9862	1.4649	2.1660	0.8864	0.4309	0.6502	1.2282	1.9006	4.0830	4.0037	4.1883	0.3167	2.9720	3.4770	-
38	0.0312	0.4181	0.9727	0.8240	0.9719	1.4424	2.1204	0.8737	0.4203	0.6396	1.2071	1.8709	4.0013	3.9302	4.0979	0.3145	2.9128	3.4111	-
39	0.0307	0.4118	0.9569	0.8083	0.9580	1.4208	2.0770	0.8616	0.4102	0.6294	1.1869	1.8426	3.9234	3.8603	4.0119	0.3125	2.8563	3.3488	-
40	0.0303	0.4060	0.9418	0.7934	0.9448	1.4000	2.0356	0.8500	0.4006	0.6197	1.1674	1.8154	3.8490	3.7936	3.9297	0.3105	2.8026	3.2898	-
41	0.0299	0.4004	0.9274	0.7792	0.9321	1.3802	1.9962	0.8390	0.3916	0.6103	1.1488	1.7894	3.7780	3.7299	3.8513	0.3086	2.7512	3.2339	-
42	0.0295	0.3949	0.9137	0.7655	0.9200	1.3610	1.9585	0.8284	0.3830	0.6014	1.1309	1.7644	3.7100	3.6691	3.7763	0.3068	2.7020	3.1808	-
43	0.0293	0.3896	0.9006	0.7526	0.9082	1.3428	1.9225	0.8183	0.3749	0.5928	1.1138	1.7404	3.6449	3.6110	3.7045	0.3050	2.6550	3.1306	-
44	0.0289	0.3846	0.8880	0.7403	0.8969	1.3251	1.8880	0.8087	0.3672	0.5845	1.0972	1.7173	3.5826	3.5554	3.6357	0.3032	2.6100	3.0827	-
45	0.0285	0.3797	0.8759	0.7284	0.8861	1.3081	1.8549	0.7996	0.3598	0.5766	1.0813	1.6950	3.5228	3.5021	3.5697	0.3016	2.5668	3.0372	-
46	0.0282	0.3750	0.8643	0.7171	0.8756	1.2917	1.8233	0.7910	0.3528	0.5689	1.0659	1.6736	3.4654	3.4510	3.5063	0.3001	2.5255	2.9940	-
47	0.0278	0.3706	0.8532	0.7062	0.8655	1.2759	1.7929	0.7829	0.3460	0.5617	1.0510	1.6529	3.4102	3.4019	3.4453	0.2987	2.4857	2.9527	-
48	0.0276	0.3662	0.8425	0.6957	0.8558	1.2607	1.7638	0.7752	0.3396	0.5547	1.0368	1.6329	3.3572	3.3549	3.3868	0.2973	2.4474	2.9134	-
49	0.0273	0.3620	0.8322	0.6857	0.8464	1.2460	1.7357	0.7680	0.3335	0.5479	1.0230	1.6136	3.3061	3.3097	3.3304	0.2960	2.4107	2.8759	-
50	0.0270	0.3579	0.8224	0.6761	0.8372	1.2317	1.7086	0.7612	0.3277	0.5415	1.0096	1.5949	3.2570	3.2662	3.2760	0.2947	2.3753	2.8402	-
66	0.0241	0.3175	0.7340	0.5838	0.7232	1.1052	1.4738	0.7209	0.2659	0.4905	0.8966	1.4296	2.8381	2.9074	3.2397	0.2833	2.0744	2.5405	-
67	0.0239	0.3167	0.7326	0.5816	0.7175	1.1052	1.4738	0.7227	0.2636	0.4909	0.8966	1.4296	2.8381	2.9074	3.2397	0.2830	2.0744	2.5405	-
68	0.0238	0.3159	0.7313	0.5794	0.7120	1.1052	1.4738	0.7249	0.2615	0.4913	0.8966	1.4296	2.8381	2.9074	3.2397	0.2828	2.0744	2.5405	-
69	0.0237	0.3153	0.7301	0.5775	0.7066	1.1052	1.4738	0.7274	0.2594	0.4919	0.8966	1.4296	2.8381	2.9074	3.2397	0.2827	2.0744	2.5405	-
70	0.0236	0.3148	0.7291	0.5756	0.7013	1.1052	1.4738	0.7304	0.2575	0.4925	0.8966	1.4296	2.8381	2.9074	3.2397	0.2826	2.0744	2.5405	-

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

RSP/PM10 Running Emissions (gram/km) at different speeds **EMFAC Year 2024**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0099	0.0000	0.0333	0.0279	0.0704	0.1267	0.2291	0.0389	0.0250	0.0688	0.1195	0.0943	0.4629	0.2806	0.3515	0.0152	0.2784	0.3166	0.1912
28	0.0043	0.0000	0.0200	0.0168	0.0440	0.0511	0.1199	0.0203	0.0132	0.0356	0.0609	0.0530	0.2422	0.1664	0.2076	0.0071	0.1457	0.1657	-
29	0.0042	0.0000	0.0195	0.0164	0.0434	0.0497	0.1172	0.0197	0.0128	0.0345	0.0591	0.0520	0.2369	0.1635	0.2039	0.0069	0.1425	0.1621	-
30	0.0040	0.0000	0.0190	0.0160	0.0428	0.0485	0.1148	0.0192	0.0124	0.0336	0.0573	0.0510	0.2319	0.1607	0.2003	0.0066	0.1395	0.1586	-
32	0.0037	0.0000	0.0181	0.0153	0.0417	0.0463	0.1102	0.0182	0.0117	0.0318	0.0541	0.0493	0.2226	0.1554	0.1938	0.0062	0.1340	0.1523	-
33	0.0036	0.0000	0.0177	0.0149	0.0412	0.0453	0.1081	0.0178	0.0114	0.0310	0.0526	0.0485	0.2184	0.1530	0.1907	0.0060	0.1314	0.1494	-
34	0.0034	0.0000	0.0173	0.0146	0.0407	0.0443	0.1061	0.0174	0.0111	0.0302	0.0513	0.0477	0.2143	0.1507	0.1878	0.0058	0.1290	0.1466	-
35	0.0033	0.0000	0.0169	0.0142	0.0403	0.0434	0.1042	0.0170	0.0108	0.0295	0.0500	0.0469	0.2104	0.1485	0.1850	0.0056	0.1266	0.1440	-
36	0.0032	0.0000	0.0165	0.0139	0.0399	0.0426	0.1023	0.0166	0.0105	0.0288	0.0488	0.0462	0.2067	0.1464	0.1823	0.0054	0.1244	0.1415	-
37	0.0031	0.0000	0.0162	0.0136	0.0395	0.0418	0.1006	0.0163	0.0102	0.0282	0.0477	0.0456	0.2032	0.1443	0.1798	0.0053	0.1223	0.1390	-
38	0.0030	0.0000	0.0158	0.0133	0.0391	0.0410	0.0989	0.0160	0.0100	0.0277	0.0467	0.0449	0.1998	0.1424	0.1773	0.0051	0.1203	0.1367	-
39	0.0029	0.0000	0.0155	0.0131	0.0388	0.0403	0.0973	0.0157	0.0097	0.0271	0.0457	0.0443	0.1966	0.1405	0.1750	0.0050	0.1183	0.1345	-
40	0.0028	0.0000	0.0152	0.0128	0.0384	0.0397	0.0958	0.0154	0.0095	0.0267	0.0449	0.0437	0.1935	0.1387	0.1727	0.0049	0.1164	0.1324	-
41	0.0027	0.0000	0.0149	0.0125	0.0381	0.0390	0.0943	0.0152	0.0093	0.0262	0.0441	0.0431	0.1905	0.1370	0.1705	0.0047	0.1147	0.1304	-
42	0.0027	0.0000	0.0146	0.0123	0.0379	0.0384	0.0929	0.0149	0.0091	0.0258	0.0434	0.0425	0.1877	0.1353	0.1684	0.0046	0.1129	0.1284	-
43	0.0026	0.0000	0.0143	0.0120	0.0376	0.0379	0.0916	0.0147	0.0089	0.0254	0.0427	0.0420	0.1849	0.1337	0.1664	0.0045	0.1113	0.1266	-
44	0.0025	0.0000	0.0140	0.0118	0.0373	0.0373	0.0902	0.0145	0.0087	0.0251	0.0421	0.0415	0.1823	0.1322	0.1645	0.0044	0.1097	0.1248	-
45	0.0024	0.0000	0.0137	0.0116	0.0371	0.0368	0.0890	0.0143	0.0085	0.0248	0.0416	0.0410	0.1797	0.1307	0.1626	0.0043	0.1082	0.1230	-
46	0.0024	0.0000	0.0135	0.0114	0.0369	0.0363	0.0878	0.0142	0.0083	0.0245	0.0411	0.0405	0.1773	0.1292	0.1608	0.0042	0.1067	0.1213	-
47	0.0023	0.0000	0.0132	0.0112	0.0367	0.0359	0.0866	0.0140	0.0081	0.0242	0.0406	0.0400	0.1749	0.1278	0.1590	0.0041	0.1052	0.1197	-
48	0.0023	0.0000	0.0130	0.0110	0.0366	0.0354	0.0855	0.0139	0.0080	0.0240	0.0403	0.0396	0.1726	0.1265	0.1573	0.0040	0.1039	0.1182	-
49	0.0022	0.0000	0.0128	0.0108	0.0364	0.0350	0.0844	0.0138	0.0078	0.0238	0.0399	0.0391	0.1704	0.1251	0.1557	0.0039	0.1025	0.1167	-
50	0.0022	0.0000	0.0126	0.0106	0.0363	0.0346	0.0833	0.0137	0.0077	0.0236	0.0396	0.0387	0.1683	0.1239	0.1541	0.0039	0.1013	0.1152	-
66	0.0017	0.0000	0.0100	0.0084	0.0359	0.0302	0.0828	0.0130	0.0060	0.0226	0.0382	0.0336	0.1675	0.1238	0.1535	0.0031	0.1009	0.1143	-
67	0.0017	0.0000	0.0099	0.0083	0.0359	0.0302	0.0828	0.0130	0.0059	0.0225	0.0382	0.0336	0.1675	0.1238	0.1535	0.0031	0.1009	0.1143	-
68	0.0016	0.0000	0.0097	0.0082	0.0360	0.0302	0.0828	0.0130	0.0059	0.0225	0.0382	0.0336	0.1675	0.1238	0.1535	0.0031	0.1009	0.1143	-
69	0.0016	0.0000	0.0096	0.0081	0.0361	0.0302	0.0828	0.0129	0.0058	0.0224	0.0382	0.0336	0.1675	0.1238	0.1535	0.0031	0.1009	0.1143	-
70	0.0016	0.0000	0.0095	0.0080	0.0362	0.0302	0.0828	0.0129	0.0058	0.0224	0.0382	0.0336	0.1675	0.1238	0.1535	0.0031	0.1009	0.1143	-

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

FSP/PM2.5 Running Emissions (gram/km) at different speeds **EMFAC Year 2024**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0091	0.0000	0.0305	0.0257	0.0647	0.1166	0.2107	0.0358	0.0231	0.0633	0.1099	0.0868	0.4259	0.2581	0.3234	0.0123	0.2562	0.2913	0.1759
28	0.0040	0.0000	0.0184	0.0155	0.0405	0.0470	0.1103	0.0187	0.0122	0.0327	0.0561	0.0488	0.2228	0.1531	0.1910	0.0057	0.1341	0.1524	-
29	0.0039	0.0000	0.0179	0.0151	0.0399	0.0458	0.1079	0.0182	0.0118	0.0318	0.0543	0.0478	0.2179	0.1504	0.1876	0.0055	0.1311	0.1491	-
30	0.0037	0.0000	0.0175	0.0147	0.0394	0.0446	0.1056	0.0177	0.0115	0.0309	0.0527	0.0470	0.2133	0.1478	0.1843	0.0053	0.1284	0.1460	-
32	0.0034	0.0000	0.0167	0.0140	0.0384	0.0426	0.1014	0.0168	0.0108	0.0292	0.0497	0.0453	0.2048	0.1430	0.1783	0.0050	0.1233	0.1401	-
33	0.0033	0.0000	0.0163	0.0137	0.0379	0.0416	0.0994	0.0164	0.0105	0.0285	0.0484	0.0446	0.2009	0.1408	0.1755	0.0048	0.1209	0.1375	-
34	0.0032	0.0000	0.0159	0.0134	0.0375	0.0408	0.0976	0.0160	0.0102	0.0278	0.0472	0.0439	0.1972	0.1387	0.1728	0.0047	0.1186	0.1349	-
35	0.0031	0.0000	0.0155	0.0131	0.0370	0.0399	0.0958	0.0156	0.0100	0.0271	0.0460	0.0432	0.1936	0.1366	0.1702	0.0045	0.1165	0.1325	-
36	0.0030	0.0000	0.0152	0.0128	0.0367	0.0392	0.0941	0.0153	0.0097	0.0265	0.0449	0.0425	0.1902	0.1347	0.1677	0.0044	0.1145	0.1301	-
37	0.0029	0.0000	0.0149	0.0125	0.0363	0.0384	0.0925	0.0150	0.0094	0.0260	0.0439	0.0419	0.1870	0.1328	0.1654	0.0042	0.1125	0.1279	-
38	0.0028	0.0000	0.0145	0.0123	0.0360	0.0378	0.0910	0.0147	0.0092	0.0255	0.0429	0.0413	0.1839	0.1310	0.1631	0.0041	0.1106	0.1258	-
39	0.0027	0.0000	0.0142	0.0120	0.0357	0.0371	0.0895	0.0144	0.0090	0.0250	0.0421	0.0407	0.1809	0.1293	0.1610	0.0040	0.1088	0.1238	-
40	0.0026	0.0000	0.0139	0.0118	0.0354	0.0365	0.0881	0.0142	0.0088	0.0245	0.0413	0.0402	0.1780	0.1276	0.1589	0.0039	0.1071	0.1218	-
41	0.0025	0.0000	0.0137	0.0115	0.0351	0.0359	0.0868	0.0139	0.0086	0.0241	0.0406	0.0397	0.1753	0.1260	0.1569	0.0038	0.1055	0.1200	-
42	0.0025	0.0000	0.0134	0.0113	0.0348	0.0354	0.0855	0.0137	0.0084	0.0237	0.0399	0.0391	0.1727	0.1245	0.1550	0.0037	0.1039	0.1182	-
43	0.0024	0.0000	0.0131	0.0111	0.0346	0.0348	0.0842	0.0135	0.0082	0.0234	0.0393	0.0386	0.1701	0.1230	0.1531	0.0036	0.1024	0.1164	-
44	0.0023	0.0000	0.0129	0.0109	0.0344	0.0344	0.0830	0.0134	0.0080	0.0231	0.0387	0.0382	0.1677	0.1216	0.1513	0.0035	0.1009	0.1148	-
45	0.0023	0.0000	0.0126	0.0107	0.0342	0.0339	0.0819	0.0132	0.0078	0.0228	0.0382	0.0377	0.1653	0.1202	0.1496	0.0034	0.0995	0.1132	-
46	0.0022	0.0000	0.0124	0.0105	0.0340	0.0334	0.0808	0.0130	0.0076	0.0225	0.0378	0.0373	0.1631	0.1189	0.1479	0.0034	0.0981	0.1116	-
47	0.0022	0.0000	0.0122	0.0103	0.0338	0.0330	0.0797	0.0129	0.0075	0.0223	0.0374	0.0368	0.1609	0.1176	0.1463	0.0033	0.0968	0.1101	-
48	0.0021	0.0000	0.0119	0.0101	0.0336	0.0326	0.0786	0.0128	0.0073	0.0221	0.0370	0.0364	0.1588	0.1163	0.1447	0.0032	0.0956	0.1087	-
49	0.0021	0.0000	0.0117	0.0099	0.0335	0.0322	0.0776	0.0127	0.0072	0.0219	0.0367	0.0360	0.1568	0.1151	0.1432	0.0032	0.0943	0.1073	-
50	0.0020	0.0000	0.0115	0.0097	0.0334	0.0318	0.0767	0.0126	0.0071	0.0217	0.0365	0.0356	0.1548	0.1140	0.1418	0.0031	0.0932	0.1060	-
66	0.0015	0.0000	0.0091	0.0077	0.0330	0.0278	0.0761	0.0120	0.0055	0.0208	0.0351	0.0309	0.1541	0.1139	0.1412	0.0025	0.0928	0.1051	-
67	0.0015	0.0000	0.0090	0.0076	0.0331	0.0278	0.0761	0.0119	0.0055	0.0207	0.0351	0.0309	0.1541	0.1139	0.1412	0.0025	0.0928	0.1051	-
68	0.0015	0.0000	0.0089	0.0075	0.0331	0.0278	0.0761	0.0119	0.0054	0.0207	0.0351	0.0309	0.1541	0.1139	0.1412	0.0025	0.0928	0.1051	-
69	0.0015	0.0000	0.0088	0.0075	0.0332	0.0278	0.0761	0.0119	0.0054	0.0206	0.0351	0.0309	0.1541	0.1139	0.1412	0.0025	0.0928	0.1051	-
70	0.0015	0.0000	0.0088	0.0074	0.0333	0.0278	0.0761	0.0119	0.0053	0.0206	0.0351	0.0309	0.1541	0.1139	0.1412	0.0025	0.0928	0.1051	-

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NOx Start Emissions (gram/trips) **EMFAC Year 2024**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0988	1.0060	0.0159	0.0016	0.0416	0.0677	0.2046	0.8537	0.0445	0.2814	0.0261	0.0796	0.3243	0.3575	0.7909	0.1196	0.2249	0.1531	0.0222
10	0.1014	1.0226	0.0189	0.0018	0.0750	0.1219	0.3683	1.2931	0.0541	0.4293	0.0469	0.1432	0.5837	0.6435	1.4236	0.1328	0.4048	0.2755	0.0400
20	0.1063	1.0552	0.0243	0.0022	0.1000	0.1625	0.4911	2.0461	0.0711	0.6717	0.0626	0.1909	0.7782	0.8581	1.8982	0.1566	0.5398	0.3674	0.0533
30	0.1108	1.0866	0.0287	0.0025	0.1416	0.2303	0.6957	2.6715	0.0851	0.8803	0.0887	0.2705	1.1025	1.2156	2.6891	0.1770	0.7647	0.5204	0.0755
40	0.1148	1.1171	0.0323	0.0027	0.1749	0.2844	0.8594	3.1554	0.0961	1.0421	0.1095	0.3341	1.3619	1.5016	3.3218	0.1938	0.9446	0.6429	0.0933
50	0.1184	1.1464	0.0350	0.0029	0.2332	0.3793	1.1459	3.5162	0.1041	1.1743	0.1461	0.4455	1.8158	2.0021	4.4291	0.2072	1.2595	0.8572	0.1244
60	0.1216	1.1747	0.0367	0.0030	0.3415	0.5554	1.6779	3.7677	0.1090	1.2900	0.2139	0.6524	2.6589	2.9317	6.4854	0.2171	1.8443	1.2551	0.1821
120	0.1345	1.3075	0.0386	0.0032	0.4248	0.6908	2.0872	3.9101	0.1128	1.3634	0.2660	0.8115	3.3074	3.6468	8.0673	0.2234	2.2941	1.5613	0.2265
180	0.1480	1.4406	0.0391	0.0035	0.6247	1.0159	3.0694	4.0068	0.1241	1.4628	0.3912	1.1934	4.8638	5.3629	11.8636	0.2193	3.3737	2.2960	0.3331
240	0.1468	1.4288	0.0384	0.0035	0.8163	1.3274	4.0106	4.0918	0.1233	1.5557	0.5112	1.5593	6.3553	7.0075	15.5018	0.2130	4.4084	3.0001	0.4353
300	0.1448	1.4088	0.0375	0.0034	0.9163	1.4900	4.5017	4.1192	0.1222	1.5988	0.5738	1.7503	7.1335	7.8655	17.4000	0.2051	4.9482	3.3674	0.4886
360	0.1420	1.3806	0.0364	0.0034	1.0828	1.7609	5.3202	4.1761	0.1206	1.6743	0.6781	2.0685	8.4305	9.2956	20.5636	0.1957	5.8478	3.9797	0.5775
420	0.1383	1.3443	0.0351	0.0033	1.1911	1.9370	5.8522	4.1938	0.1187	1.7173	0.7459	2.2753	9.2736	10.2252	22.6200	0.1847	6.4326	4.3777	0.6352
480	0.1339	1.2998	0.0336	0.0032	1.2494	2.0318	6.1387	4.1768	0.1163	1.7322	0.7824	2.3867	9.7275	10.7257	23.7272	0.1721	6.7475	4.5920	0.6663
540	0.1287	1.2472	0.0319	0.0031	1.2828	2.0860	6.3024	4.1389	0.1136	1.7319	0.8033	2.4504	9.9869	11.0118	24.3600	0.1580	6.9274	4.7144	0.6841
600	0.1226	1.1864	0.0300	0.0030	1.3161	2.1401	6.4661	4.0938	0.1105	1.7294	0.8242	2.5140	10.2463	11.2978	24.9927	0.1423	7.1074	4.8369	0.7018
660	0.1158	1.1175	0.0279	0.0029	1.3327	2.1672	6.5480	4.0324	0.1071	1.7160	0.8346	2.5458	10.3760	11.4408	25.3091	0.1251	7.1973	4.8981	0.7107
720	0.1081	1.0404	0.0256	0.0028	1.3327	2.1672	6.5480	3.9548	0.1032	1.6917	0.8346	2.5458	10.3760	11.4408	25.3091	0.1063	7.1973	4.8981	0.7107
MAX	**0.1480**	**1.4406**	**0.0391**	**0.0035**	**1.3327**	**2.1672**	**6.5480**	**4.1938**	**0.1241**	**1.7322**	**0.8346**	**2.5458**	**10.3760**	**11.4408**	**25.3091**	**0.2234**	**7.1973**	**4.8981**	**0.7107**

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NO2 Start Emissions (gram/trips) **EMFAC Year 2024**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0049	0.0272	0.0008	0.0001	0.0117	0.0198	0.0231	0.0118	0.0022	0.0077	0.0073	0.0194	0.0246	0.0126	0.0453	0.0060	0.0186	0.0259	0.0073
10	0.0051	0.0276	0.0009	0.0001	0.0210	0.0356	0.0415	0.0196	0.0027	0.0133	0.0131	0.0349	0.0442	0.0227	0.0815	0.0066	0.0335	0.0467	0.0132
20	0.0053	0.0285	0.0012	0.0001	0.0280	0.0475	0.0553	0.0282	0.0036	0.0183	0.0175	0.0466	0.0590	0.0303	0.1087	0.0078	0.0446	0.0622	0.0176
30	0.0055	0.0293	0.0014	0.0001	0.0396	0.0673	0.0784	0.0385	0.0043	0.0255	0.0248	0.0660	0.0836	0.0429	0.1540	0.0088	0.0632	0.0882	0.0249
40	0.0057	0.0302	0.0016	0.0001	0.0490	0.0832	0.0968	0.0466	0.0048	0.0312	0.0307	0.0815	0.1032	0.0530	0.1902	0.0097	0.0781	0.1089	0.0308
50	0.0059	0.0310	0.0017	0.0001	0.0653	0.1109	0.1291	0.0577	0.0052	0.0403	0.0409	0.1087	0.1377	0.0706	0.2536	0.0104	0.1041	0.1452	0.0410
60	0.0061	0.0317	0.0018	0.0002	0.0956	0.1624	0.1891	0.0757	0.0055	0.0563	0.0599	0.1592	0.2016	0.1034	0.3714	0.0109	0.1524	0.2127	0.0601
120	0.0067	0.0353	0.0019	0.0002	0.1189	0.2020	0.2352	0.0892	0.0056	0.0686	0.0745	0.1980	0.2507	0.1286	0.4619	0.0112	0.1896	0.2646	0.0748
180	0.0074	0.0389	0.0020	0.0002	0.1749	0.2970	0.3458	0.1199	0.0062	0.0976	0.1095	0.2912	0.3687	0.1892	0.6793	0.0110	0.2788	0.3891	0.1099
240	0.0073	0.0386	0.0019	0.0002	0.2286	0.3881	0.4519	0.1494	0.0062	0.1254	0.1431	0.3805	0.4818	0.2472	0.8876	0.0107	0.3643	0.5084	0.1437
300	0.0072	0.0380	0.0019	0.0002	0.2566	0.4356	0.5072	0.1646	0.0061	0.1398	0.1607	0.4270	0.5408	0.2775	0.9963	0.0103	0.4089	0.5706	0.1612
360	0.0071	0.0373	0.0018	0.0002	0.3032	0.5148	0.5995	0.1901	0.0060	0.1639	0.1899	0.5047	0.6391	0.3279	1.1775	0.0098	0.4832	0.6744	0.1906
420	0.0069	0.0363	0.0018	0.0002	0.3335	0.5663	0.6594	0.2066	0.0059	0.1795	0.2089	0.5552	0.7030	0.3607	1.2952	0.0092	0.5315	0.7418	0.2096
480	0.0067	0.0351	0.0017	0.0002	0.3498	0.5940	0.6917	0.2153	0.0058	0.1879	0.2191	0.5823	0.7374	0.3784	1.3586	0.0086	0.5576	0.7781	0.2199
540	0.0064	0.0337	0.0016	0.0002	0.3592	0.6099	0.7101	0.2201	0.0057	0.1926	0.2249	0.5979	0.7571	0.3884	1.3949	0.0079	0.5724	0.7989	0.2257
600	0.0061	0.0320	0.0015	0.0002	0.3685	0.6257	0.7286	0.2248	0.0055	0.1973	0.2308	0.6134	0.7768	0.3985	1.4311	0.0071	0.5873	0.8196	0.2316
660	0.0058	0.0302	0.0014	0.0001	0.3732	0.6336	0.7378	0.2269	0.0054	0.1996	0.2337	0.6211	0.7866	0.4036	1.4492	0.0063	0.5947	0.8300	0.2345
720	0.0054	0.0281	0.0013	0.0001	0.3732	0.6336	0.7378	0.2264	0.0052	0.1995	0.2337	0.6211	0.7866	0.4036	1.4492	0.0053	0.5947	0.8300	0.2345
MAX	**0.0074**	**0.0389**	**0.0020**	**0.0002**	**0.3732**	**0.6336**	**0.7378**	**0.2269**	**0.0062**	**0.1996**	**0.2337**	**0.6211**	**0.7866**	**0.4036**	**1.4492**	**0.0112**	**0.5947**	**0.8300**	**0.2345**

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

NO Start Emissions (gram/trips) — **EMFAC Year 2024**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0939	0.9788	0.0151	0.0015	0.0299	0.0479	0.1815	0.8419	0.0423	0.2737	0.0188	0.0602	0.2997	0.3449	0.7456	0.1136	0.2063	0.1272	0.0149
10	0.0963	0.9950	0.0180	0.0017	0.0540	0.0863	0.3268	1.2735	0.0514	0.4160	0.0338	0.1083	0.5395	0.6208	1.3421	0.1262	0.3713	0.2288	0.0268
20	0.1010	1.0267	0.0231	0.0021	0.0720	0.1150	0.4358	2.0179	0.0675	0.6534	0.0451	0.1443	0.7192	0.8278	1.7895	0.1488	0.4952	0.3052	0.0357
30	0.1053	1.0573	0.0273	0.0024	0.1020	0.1630	0.6173	2.6330	0.0808	0.8548	0.0639	0.2045	1.0189	1.1727	2.5351	0.1682	0.7015	0.4322	0.0506
40	0.1091	1.0869	0.0307	0.0026	0.1259	0.2012	0.7626	3.1088	0.0913	1.0109	0.0788	0.2526	1.2587	1.4486	3.1316	0.1841	0.8665	0.5340	0.0625
50	0.1125	1.1154	0.0333	0.0028	0.1679	0.2684	1.0168	3.4585	0.0989	1.1340	0.1052	0.3368	1.6781	1.9315	4.1755	0.1968	1.1554	0.7120	0.0834
60	0.1155	1.1430	0.0349	0.0028	0.2459	0.3930	1.4888	3.6920	0.1035	1.2337	0.1540	0.4932	2.4573	2.8283	6.1140	0.2062	1.6919	1.0424	0.1220
120	0.1278	1.2722	0.0367	0.0030	0.3059	0.4888	1.8520	3.8209	0.1072	1.2948	0.1915	0.6135	3.0567	3.5182	7.6054	0.2122	2.1045	1.2967	0.1517
180	0.1406	1.4017	0.0371	0.0033	0.4498	0.7189	2.7236	3.8869	0.1179	1.3652	0.2817	0.9022	4.4951	5.1737	11.1843	0.2083	3.0949	1.9069	0.2232
240	0.1395	1.3902	0.0365	0.0033	0.5877	0.9393	3.5587	3.9424	0.1171	1.4303	0.3681	1.1788	5.8735	6.7603	14.6142	0.2023	4.0441	2.4917	0.2916
300	0.1376	1.3708	0.0356	0.0032	0.6597	1.0544	3.9945	3.9546	0.1161	1.4590	0.4131	1.3233	6.5927	7.5880	16.4037	0.1948	4.5393	2.7968	0.3274
360	0.1349	1.3433	0.0346	0.0032	0.7796	1.2461	4.7207	3.9860	0.1146	1.5104	0.4882	1.5638	7.7914	8.9677	19.3861	0.1859	5.3646	3.3053	0.3869
420	0.1314	1.3080	0.0333	0.0031	0.8576	1.3707	5.1928	3.9872	0.1128	1.5378	0.5370	1.7201	8.5706	9.8645	21.3248	0.1755	5.9011	3.6359	0.4256
480	0.1272	1.2647	0.0319	0.0030	0.8996	1.4378	5.4470	3.9615	0.1105	1.5443	0.5633	1.8044	8.9901	10.3473	22.3686	0.1635	6.1899	3.8139	0.4464
540	0.1223	1.2135	0.0303	0.0029	0.9236	1.4761	5.5923	3.9188	0.1079	1.5393	0.5784	1.8525	9.2298	10.6234	22.9651	0.1501	6.3550	3.9155	0.4584
600	0.1165	1.1544	0.0285	0.0028	0.9476	1.5144	5.7375	3.8690	0.1050	1.5321	0.5934	1.9006	9.4695	10.8993	23.5616	0.1352	6.5201	4.0173	0.4702
660	0.1100	1.0873	0.0265	0.0028	0.9595	1.5336	5.8102	3.8055	0.1017	1.5164	0.6009	1.9247	9.5894	11.0372	23.8599	0.1188	6.6026	4.0681	0.4762
720	0.1027	1.0123	0.0243	0.0027	0.9595	1.5336	5.8102	3.7284	0.0980	1.4922	0.6009	1.9247	9.5894	11.0372	23.8599	0.1010	6.6026	4.0681	0.4762
MAX	**0.1406**	**1.4017**	**0.0371**	**0.0033**	**0.9595**	**1.5336**	**5.8102**	**3.9872**	**0.1179**	**1.5443**	**0.6009**	**1.9247**	**9.5894**	**11.0372**	**23.8599**	**0.2122**	**6.6026**	**4.0681**	**0.4762**

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

RSP/PM10 Start Emissions (gram/trips) **EMFAC Year 2024**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0047	0.0000	0.0000	0.0000
10	0.0008	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000
20	0.0016	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0039	0.0000	0.0000	0.0000
30	0.0023	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000
40	0.0030	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000
50	0.0037	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000
60	0.0043	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000
120	0.0071	0.0000	0.0008	0.0002	0.0000	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0000
180	0.0079	0.0000	0.0009	0.0002	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0074	0.0000	0.0000	0.0000
240	0.0087	0.0000	0.0011	0.0002	0.0000	0.0000	0.0000	0.0000	0.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0090	0.0000	0.0000	0.0000
300	0.0094	0.0000	0.0012	0.0003	0.0000	0.0000	0.0000	0.0000	0.0050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0104	0.0000	0.0000	0.0000
360	0.0099	0.0000	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0116	0.0000	0.0000	0.0000
420	0.0104	0.0000	0.0014	0.0003	0.0000	0.0000	0.0000	0.0000	0.0055	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0127	0.0000	0.0000	0.0000
480	0.0108	0.0000	0.0015	0.0003	0.0000	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0136	0.0000	0.0000	0.0000
540	0.0110	0.0000	0.0016	0.0003	0.0000	0.0000	0.0000	0.0000	0.0059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0143	0.0000	0.0000	0.0000
600	0.0112	0.0000	0.0016	0.0003	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0148	0.0000	0.0000	0.0000
660	0.0113	0.0000	0.0016	0.0003	0.0000	0.0000	0.0000	0.0000	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0152	0.0000	0.0000	0.0000
720	0.0113	0.0000	0.0017	0.0003	0.0000	0.0000	0.0000	0.0000	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0153	0.0000	0.0000	0.0000
MAX	**0.0113**	**0.0000**	**0.0017**	**0.0003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0061**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0153**	**0.0000**	**0.0000**	**0.0000**

Appendix E1 - Calculations of Total Vehicle Emission (Year 2024)

FSP/PM2.5 Start Emissions (gram/trips) **EMFAC Year 2024**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0036	0.0000	0.0000	0.0000
10	0.0007	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0034	0.0000	0.0000	0.0000
20	0.0015	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000
30	0.0021	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000
40	0.0028	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000
50	0.0034	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000
60	0.0040	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000
120	0.0066	0.0000	0.0007	0.0002	0.0000	0.0000	0.0000	0.0000	0.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0048	0.0000	0.0000	0.0000
180	0.0074	0.0000	0.0008	0.0002	0.0000	0.0000	0.0000	0.0000	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0061	0.0000	0.0000	0.0000
240	0.0081	0.0000	0.0009	0.0002	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0073	0.0000	0.0000	0.0000
300	0.0087	0.0000	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0084	0.0000	0.0000	0.0000
360	0.0092	0.0000	0.0011	0.0003	0.0000	0.0000	0.0000	0.0000	0.0049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0093	0.0000	0.0000	0.0000
420	0.0096	0.0000	0.0012	0.0003	0.0000	0.0000	0.0000	0.0000	0.0051	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0102	0.0000	0.0000	0.0000
480	0.0100	0.0000	0.0012	0.0003	0.0000	0.0000	0.0000	0.0000	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0108	0.0000	0.0000	0.0000
540	0.0102	0.0000	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000	0.0054	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0000	0.0000	0.0000
600	0.0104	0.0000	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0118	0.0000	0.0000	0.0000
660	0.0105	0.0000	0.0014	0.0003	0.0000	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0121	0.0000	0.0000	0.0000
720	0.0105	0.0000	0.0014	0.0003	0.0000	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0122	0.0000	0.0000	0.0000
MAX	**0.0105**	**0.0000**	**0.0014**	**0.0003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0057**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0122**	**0.0000**	**0.0000**	**0.0000**

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr01	622.8440	53.5005	13.8975	12.7804	Hr02	581.7117	47.1634	12.8516	11.8237	Hr03	550.4691	42.6387	11.9915	11.0323	Hr04	560.4220	44.6348	12.2633	11.2824
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	29	14.4480	2.2344	0.3653	0.3346	18	9.5969	1.5728	0.2305	0.2121	11	5.3487	0.8057	0.1271	0.1169	15	7.0623	1.1720	0.1653	0.1521
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	25	14.1081	2.2175	0.3493	0.3214	16	9.6952	1.4421	0.2437	0.2242	10	5.4033	0.8127	0.1266	0.1165	13	6.9036	1.1598	0.1620	0.1490
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	22	14.6093	2.2707	0.3830	0.3500	15	10.3108	1.4098	0.2651	0.2440	9	5.3874	0.8979	0.1261	0.1161	11	8.0381	1.1285	0.2153	0.1982
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	21	14.1470	2.2360	0.3592	0.3307	14	10.3848	1.5594	0.2742	0.2523	8	5.3024	0.8880	0.1221	0.1124	10	5.8368	1.0830	0.1435	0.1321
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	29	6.4278	0.9941	0.1625	0.1489	18	4.2696	0.6997	0.1025	0.0943	11	2.3796	0.3585	0.0565	0.0520	15	3.1419	0.5214	0.0735	0.0677
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	25	6.1715	0.9700	0.1528	0.1406	16	4.2411	0.6308	0.1066	0.0981	10	2.3636	0.3555	0.0554	0.0510	13	3.0199	0.5073	0.0709	0.0652
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	1	0.0473	0.0025	0.0038	0.0035	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0074	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0074	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	1	0.0072	0.0004	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	1	0.0077	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	18	5.2693	0.7983	0.1324	0.1219	12	3.2903	0.4571	0.0866	0.0798	8	2.1115	0.3536	0.0486	0.0448	9	2.1267	0.3544	0.0498	0.0458
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	18	5.3371	0.7637	0.1388	0.1277	11	2.4288	0.4486	0.0605	0.0557	8	2.1920	0.3671	0.0505	0.0465	10	2.4129	0.4477	0.0593	0.0546
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	1	0.0077	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	16	2.8807	0.4561	0.0726	0.0668	10	1.4704	0.2398	0.0337	0.0310	8	1.3836	0.2317	0.0319	0.0293	9	1.3936	0.2322	0.0326	0.0300
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	17	3.3662	0.4826	0.0870	0.0801	10	1.5264	0.2832	0.0375	0.0346	8	1.3867	0.2322	0.0319	0.0294	9	1.5164	0.2827	0.0368	0.0338
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	4	0.3125	0.0368	0.0073	0.0067	0	0.0000	0.0000	0.0000	0.0000	1	0.0045	0.0002	0.0004	0.0003	1	0.0045	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	2	0.2661	0.0323	0.0062	0.0057	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0045	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	4	0.6628	0.0780	0.0155	0.0143	1	0.0096	0.0005	0.0008	0.0007	1	0.0096	0.0005	0.0008	0.0007	1	0.0096	0.0005	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	2	0.5645	0.0685	0.0132	0.0122	1	0.0096	0.0005	0.0008	0.0007	0	0.0000	0.0000	0.0000	0.0000	1	0.0096	0.0005	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	35	14.4447	2.0946	0.3607	0.3308	22	9.6149	1.4125	0.2411	0.2218	14	6.2424	0.8767	0.1492	0.1373	17	6.7493	1.0359	0.1589	0.1462
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	30	14.1864	2.0809	0.3482	0.3203	19	9.3060	1.3250	0.2314	0.2129	12	5.3967	0.7769	0.1278	0.1175	15	6.6349	1.0266	0.1565	0.1439
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	66	28.6299	2.0207	0.6193	0.5698	66	28.6299	2.0207	0.6193	0.5698	66	28.6299	2.0207	0.6193	0.5698	66	28.6299	2.0207	0.6193	0.5698
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	66	30.9135	2.1818	0.6687	0.6152	66	30.9135	2.1818	0.6687	0.6152	66	30.9135	2.1818	0.6687	0.6152	66	30.9135	2.1818	0.6687	0.6152
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	66	85.0228	6.0008	1.8393	1.6921	66	85.0228	6.0008	1.8393	1.6921	66	85.0228	6.0008	1.8393	1.6921	66	85.0228	6.0008	1.8393	1.6921
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	132	88.8741	6.2726	1.9226	1.7688	132	88.8741	6.2726	1.9226	1.7688	132	88.8741	6.2726	1.9226	1.7688	132	88.8741	6.2726	1.9226	1.7688
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr05	581.7208	47.1639	12.8523	11.8244	Hr06	624.8024	53.7740	13.9451	12.8242	Hr07	1027.2180	113.0520	23.4876	21.5892	Hr08	2897.1771	342.6215	67.7367	62.1513
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	6	2.0062	0.2761	0.0512	0.0472	32	10.2809	1.4013	0.2588	0.2382	100	32.9031	4.5084	0.8308	0.7646
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	1.0864	0.1390	0.0256	0.0236	10	3.3113	0.4185	0.0768	0.0707
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	18	9.5969	1.5728	0.2305	0.2121	28	14.4257	2.2332	0.3636	0.3330	110	60.3890	8.9346	1.4594	1.3397	257	127.8301	16.9463	3.2932	3.0206
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	16	9.6952	1.4421	0.2437	0.2242	25	14.1081	2.2175	0.3493	0.3214	100	57.8851	8.5953	1.3810	1.2690	393	215.4005	24.8946	5.4950	5.0320
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	15	10.3108	1.4098	0.2651	0.2440	22	14.6093	2.2707	0.3830	0.3500	89	62.8302	9.4503	1.5110	1.3858	205	185.1528	20.9288	5.1299	4.7033
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	14	10.3848	1.5594	0.2742	0.2523	21	14.1470	2.2360	0.3592	0.3307	86	61.7528	9.3559	1.4890	1.3681	472	299.6030	32.0427	8.0152	7.3355
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	18	4.2696	0.6997	0.1025	0.0943	28	6.4179	0.9935	0.1618	0.1482	110	26.8611	3.9738	0.6492	0.5960	257	56.8705	7.5392	1.4651	1.3438
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	16	4.2411	0.6308	0.1066	0.0981	25	6.1715	0.9700	0.1528	0.1406	100	25.3215	3.7600	0.6041	0.5551	393	94.2256	10.8900	2.4038	2.2012
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	1	0.0473	0.0025	0.0038	0.0035	5	3.7444	0.8175	0.0863	0.0794	38	25.4542	2.8703	0.7653	0.7049
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	3.6969	0.8149	0.0824	0.0759	8	7.4893	0.6375	0.2237	0.2059
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	0	0.0000	0.0000	0.0000	0.0000	1	0.0074	0.0004	0.0006	0.0006	14	2.2536	0.3481	0.0567	0.0522	31	4.4967	0.6208	0.1142	0.1046
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	0	0.0000	0.0000	0.0000	0.0000	1	0.0074	0.0004	0.0006	0.0006	11	1.7009	0.2445	0.0431	0.0397	17	1.7967	0.2388	0.0405	0.0374
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	0	0.0000	0.0000	0.0000	0.0000	1	0.0072	0.0004	0.0006	0.0005	14	2.1479	0.3308	0.0536	0.0493	30	5.1344	0.6231	0.1367	0.1253
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	0	0.0000	0.0000	0.0000	0.0000	1	0.0077	0.0004	0.0006	0.0006	11	1.7508	0.2513	0.0442	0.0407	21	3.8580	0.4958	0.0971	0.0893
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	12	3.2903	0.4571	0.0866	0.0798	18	5.2693	0.7983	0.1324	0.1219	83	24.9456	3.6129	0.6058	0.5555	195	69.4040	7.8783	1.9352	1.7729
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	11	2.4288	0.4486	0.0605	0.0557	18	5.3371	0.7637	0.1388	0.1277	77	24.0553	3.4656	0.5826	0.5352	450	120.8454	13.0566	3.2238	2.9499
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	0	0.0000	0.0000	0.0000	0.0000	1	0.0077	0.0004	0.0006	0.0006	6	0.6488	0.1331	0.0139	0.0128	6	1.4118	0.2514	0.0333	0.0306
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	0.5882	0.1295	0.0131	0.0120	16	0.9587	0.1357	0.0279	0.0258
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	2	0.3353	0.0484	0.0082	0.0075
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	10	1.4704	0.2398	0.0337	0.0310	16	2.8807	0.4561	0.0726	0.0668	71	12.8859	1.9730	0.3036	0.2788	167	39.0631	4.3585	1.0968	1.0055
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	10	1.5264	0.2832	0.0375	0.0346	17	3.3662	0.4826	0.0870	0.0801	67	12.4169	1.7321	0.2974	0.2731	346	59.4527	6.4215	1.6486	1.5076
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	1	0.0045	0.0002	0.0004	0.0003	4	0.3125	0.0368	0.0073	0.0067	18	1.6847	0.2470	0.0414	0.0381	51	5.2724	0.6339	0.1454	0.1332
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	1	0.0045	0.0002	0.0004	0.0003	2	0.2661	0.0323	0.0062	0.0057	9	0.7087	0.1177	0.0156	0.0143	88	8.0924	0.9205	0.1929	0.1769
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0058	0.0003	0.0005	0.0004	5	0.9836	0.1421	0.0290	0.0267
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	1.0144	0.1178	0.0264	0.0243	18	3.3158	0.3947	0.0932	0.0857
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	1	0.0096	0.0005	0.0008	0.0007	4	0.6628	0.0780	0.0155	0.0143	18	3.5733	0.5238	0.0879	0.0808	54	12.3620	1.5598	0.3436	0.3148
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	1	0.0096	0.0005	0.0008	0.0007	2	0.5645	0.0685	0.0132	0.0122	13	3.2383	0.4527	0.0792	0.0729	115	24.1828	2.8153	0.6260	0.5749
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	22	9.6149	1.4125	0.2411	0.2218	34	14.4290	2.0937	0.3595	0.3297	133	58.5579	8.4819	1.4115	1.2964	421	145.9665	17.0313	3.8086	3.4878
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	19	9.3060	1.3250	0.2314	0.2129	30	14.1864	2.0809	0.3482	0.3203	118	55.6354	7.9661	1.3279	1.2203	371	142.7417	16.8024	3.6663	3.3638
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	161.0189	16.9894	3.1949	2.9392
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	187.5516	18.8620	3.7688	3.4672
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	171.1313	17.7031	3.4136	3.1405
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	56.7878	9.6329	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	34.3860	8.0518	0.4554	0.4190
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	66	28.6299	2.0207	0.6193	0.5698	66	28.6299	2.0207	0.6193	0.5698	66	28.6299	2.0207	0.6193	0.5698	74	45.4338	8.8316	0.6944	0.6389
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	66	30.9135	2.1818	0.6687	0.6152	66	30.9135	2.1818	0.6687	0.6152	66	30.9135	2.1818	0.6687	0.6152	74	47.9942	9.0123	0.7498	0.6898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	66	85.0228	6.0008	1.8393	1.6921	66	85.0228	6.0008	1.8393	1.6921	66	85.0228	6.0008	1.8393	1.6921	74	108.6622	13.2941	2.0622	1.8972
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	31.3203	7.8355	0.3891	0.3580
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	241.9962	22.7046	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	132	88.8741	6.2726	1.9226	1.7688	132	88.8741	6.2726	1.9226	1.7688	132	88.8741	6.2726	1.9226	1.7688	148	112.9804	13.5989	2.1556	1.9831
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr09	4583.6826	606.0642	115.2228	105.8497	Hr10	5235.2544	772.1514	137.8909	126.7807	Hr11	5053.4408	778.0127	131.0756	120.5410	Hr12	5139.5340	773.2080	132.3391	121.7032
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	116	48.5768	6.6546	1.2171	1.1200	147	66.5683	9.8523	1.6668	1.5338	156	75.7760	10.7648	1.8957	1.7444	145	66.9104	9.8915	1.6739	1.5403
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	114	52.9555	7.3279	1.3190	1.2136	129	61.1448	8.6164	1.5329	1.4105	137	62.3269	9.0458	1.5584	1.4340	166	71.5800	10.6094	1.7907	1.6478
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	503	300.6427	43.7681	7.1733	6.5886	422	283.2708	41.5540	6.5287	6.0006	513	315.2420	50.3832	7.4029	6.8051	590	312.1902	49.2541	7.0988	6.5244
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	472	339.5797	49.2570	8.2099	7.5406	295	275.4538	42.0779	6.5853	6.0554	260	237.3623	38.9369	5.6457	5.1914	285	271.2294	40.1952	6.5260	6.0008
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	366	379.6373	49.8210	9.0878	8.3438	346	328.7600	49.8145	7.3750	6.7781	428	356.3967	59.5420	7.9920	7.3497	521	370.7675	60.6546	8.1345	7.4757
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	645	374.3872	51.3228	9.3603	8.5665	562	369.5632	55.9298	8.5682	7.8530	463	354.1086	57.7977	7.9792	7.3284	407	327.7085	54.5756	7.2540	6.6676
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	503	133.7532	19.4720	3.1913	2.9312	422	126.0246	18.4870	2.9045	2.6696	513	140.2048	22.4042	3.2918	3.0269	590	138.8468	21.9050	3.1550	2.9016
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	474	149.1641	21.8149	3.6024	3.3088	291	120.8552	18.2241	2.8945	2.6615	261	104.4986	17.0669	2.4873	2.2871	286	118.5987	17.8167	2.8482	2.6190
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	49	26.0575	4.0565	0.7269	0.6699	49	30.4700	5.7990	0.8297	0.7642	35	22.9272	5.9987	0.5316	0.4889	40	47.2903	8.2834	1.2872	1.1782
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	10	8.0408	0.6522	0.2237	0.2059	15	21.6766	3.2508	0.5601	0.5155	17	12.4070	1.3957	0.2987	0.2752	30	27.6089	4.1589	0.7537	0.6938
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	4	1.1959	0.1158	0.0191	0.0175	11	2.0115	0.2927	0.0441	0.0406	6	0.8645	0.0534	0.0284	0.0243	4	0.4123	0.0126	0.0049	0.0046
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	2	0.3483	0.0093	0.0000	0.0000	7	1.0808	0.2153	0.0297	0.0274	8	1.1575	0.0812	0.0210	0.0193
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	82	9.9782	1.4964	0.2654	0.2431	79	8.9771	1.5482	0.2372	0.2181	60	7.1294	1.4602	0.1736	0.1590	64	11.0996	1.8447	0.2970	0.2717
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	28	4.1224	0.5150	0.1055	0.0967	36	6.5323	0.9554	0.1633	0.1497	43	5.3369	0.7230	0.1315	0.1205	59	8.0402	1.1757	0.2125	0.1952
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	77	10.6281	1.5910	0.2683	0.2455	82	8.3112	1.2923	0.2096	0.1925	73	8.5638	1.8433	0.2040	0.1870	62	9.1744	1.8734	0.2185	0.2002
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	40	8.6302	1.1974	0.2169	0.1991	40	5.9016	1.0783	0.1315	0.1206	55	7.7735	1.5248	0.1877	0.1722	73	9.1884	1.7181	0.2228	0.2048
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	328	133.5884	17.5517	3.1734	2.9118	298	115.8785	17.1069	2.6029	2.3916	370	126.5288	20.5533	2.8223	2.5942	451	130.7624	19.9585	2.8656	2.6348
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	543	130.6244	17.8746	3.2299	2.9556	459	134.2348	19.8937	3.0777	2.8221	398	133.4308	20.9251	3.0095	2.7644	348	115.9379	18.2165	2.5597	2.3525
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	13	2.9382	0.3677	0.0677	0.0623	33	5.8226	1.2386	0.1305	0.1201	38	6.3125	1.5844	0.1440	0.1325	33	5.6253	1.4840	0.1212	0.1115
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	40	3.9016	0.5488	0.1025	0.0941	47	5.3186	1.2870	0.1226	0.1124	28	4.1424	1.0914	0.0939	0.0859	32	6.5359	1.2850	0.1444	0.1329
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	2	0.6562	0.0960	0.0152	0.0140	2	0.0143	0.0008	0.0012	0.0011	2	0.4047	0.0553	0.0088	0.0081	6	1.2929	0.1188	0.0356	0.0327
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	2	0.6562	0.0960	0.0152	0.0140	4	0.8512	0.0951	0.0244	0.0225	3	0.4708	0.0621	0.0099	0.0091	2	0.1531	0.0147	0.0024	0.0022
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	280	67.4935	8.6428	1.6173	1.4841	262	64.2934	9.7464	1.4384	1.3215	322	62.5565	10.5701	1.3610	1.2509	383	70.1280	10.7488	1.5027	1.3813
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	441	70.2260	9.9375	1.7068	1.5657	405	73.0982	10.8826	1.6827	1.5435	349	64.7519	10.3017	1.4401	1.3223	322	58.6259	9.5807	1.2559	1.1540
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	87	12.7672	1.9844	0.3004	0.2760	75	8.4558	1.3094	0.1932	0.1777	76	12.3138	2.0193	0.2979	0.2741	118	12.3981	2.0782	0.3011	0.2772
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	115	7.5351	0.8806	0.2150	0.1967	69	6.2270	0.9364	0.1405	0.1287	47	6.8797	1.2256	0.1594	0.1466	30	3.4286	0.6312	0.0824	0.0759
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	4	0.4063	0.1444	0.0074	0.0068	2	0.0390	0.0012	0.0005	0.0004	7	0.5643	0.0800	0.0148	0.0137	6	0.1249	0.0112	0.0035	0.0032
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	10	0.6770	0.2060	0.0113	0.0104	10	1.1264	0.2329	0.0261	0.0240	18	4.5036	0.5903	0.1054	0.0969	26	6.7179	0.8814	0.1539	0.1415
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	89	27.6973	4.4850	0.6492	0.5966	77	18.2669	2.8259	0.4182	0.3846	82	27.9416	4.5943	0.6862	0.6312	124	27.0562	4.5230	0.6608	0.6082
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	123	17.0893	2.2213	0.4718	0.4319	80	15.7423	2.5112	0.3636	0.3332	65	24.0689	3.9353	0.5751	0.5290	56	19.5064	3.0111	0.4668	0.4293
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	613	299.3205	41.5939	7.1458	6.5637	550	302.1057	42.0992	7.0632	6.4922	646	323.4216	48.5681	7.6380	7.0219	756	339.8992	50.6275	7.8663	7.2308
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	586	318.3981	44.6036	7.6798	7.0535	437	304.5263	43.8772	7.2891	6.7027	412	290.3932	42.8271	6.9314	6.3737	428	300.1005	43.0261	7.1962	6.6171
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	110	46.8402	9.9849	1.6874	1.5524	284	126.2978	25.8126	4.5189	4.1574	253	105.8026	22.9405	3.8236	3.5177	245	105.4728	22.2579	3.7922	3.4889
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	110	84.4475	18.0016	3.0422	2.7989	284	227.7001	46.5372	8.1471	7.4954	253	190.7496	41.3591	6.8935	6.3420	245	190.1550	40.1284	6.8369	6.2900
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	110	64.4719	13.7434	2.3226	2.1368	284	173.8388	35.5290	6.2199	5.7224	253	145.6288	31.5758	5.2628	4.8418	245	145.1748	30.6363	5.2196	4.8021
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	110	102.6677	21.8856	3.6986	3.4027	284	276.8284	56.5780	9.9049	9.1126	253	231.9055	50.2827	8.3808	7.7104	245	231.1826	48.7865	8.3120	7.6471
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	110	85.1750	18.1567	3.0684	2.8230	284	229.6619	46.9381	8.2172	7.5600	253	192.3930	41.7154	6.9529	6.3967	245	191.7933	40.4742	6.8958	6.3442
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	11	8.6401	1.8233	0.3110	0.2861	29	23.6196	4.8181	0.8449	0.7773	26	19.8178	4.3143	0.7161	0.6589	25	19.4377	4.1467	0.7005	0.6444
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	6	5.5506	1.1687	0.2002	0.1841	15	14.3859	2.9351	0.5151	0.4738	14	12.7375	2.7408	0.4595	0.4227	14	12.7375	2.7408	0.4595	0.4227
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	6	4.5884	0.9661	0.1655	0.1522	15	11.8922	2.4264	0.4258	0.3917	14	10.5295	2.2657	0.3798	0.3494	14	10.5295	2.2657	0.3798	0.3494
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	99	82.2517	17.5534	2.9634	2.7264	255	221.4348	45.2666	7.9231	7.2894	227	185.4677	40.1953	6.7026	6.1664	220	185.2297	39.0413	6.6581	6.1255
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr13	4237.6235	610.7106	108.9241	100.1534	Hr14	4940.5520	728.1858	127.4782	117.2010	Hr15	5086.5596	785.2958	134.6498	123.8124	Hr16	4718.1707	727.2661	124.1258	114.1714
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	110	49.1298	7.0221	1.2311	1.1329	123	56.7899	7.8851	1.4173	1.3044	119	58.1030	8.1266	1.4546	1.3384	120	58.4317	8.4018	1.4645	1.3476
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	80	33.1022	5.1540	0.8208	0.7554	139	63.8380	9.0360	1.6054	1.4772	132	62.9955	8.9887	1.5772	1.4513	123	57.6784	8.1684	1.4488	1.3332
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	489	268.6360	39.7052	6.2799	5.7675	479	284.0652	44.0822	6.6900	6.1443	429	301.6916	47.9109	7.0724	6.4978	484	283.8071	47.2908	6.5941	6.0629
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	191	164.1230	25.9396	3.8922	3.5791	261	235.0993	35.5962	5.6344	5.1795	305	283.7620	46.7462	6.7076	6.1676	242	226.1638	35.2427	5.4259	4.9892
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	393	294.7181	44.3095	6.6293	6.0865	493	453.7994	72.5804	10.5296	9.6707	274	251.5380	40.1410	5.7713	5.2918	357	284.0406	47.8313	6.5072	5.9826
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	363	311.0009	45.6488	7.1236	6.5507	421	340.0978	52.7936	7.9817	7.3356	358	328.3675	52.0096	7.5524	6.9443	293	284.7263	47.3638	6.6505	6.1187
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	489	119.5137	17.6645	2.7939	2.5659	479	126.3780	19.6118	2.9763	2.7335	429	134.2199	21.3151	3.1464	2.8908	484	126.2632	21.0392	2.9336	2.6973
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	188	71.1383	11.1953	1.6872	1.5514	259	103.1852	15.6247	2.4729	2.2733	304	123.7199	20.2702	2.9270	2.6914	245	99.7894	15.6574	2.3922	2.1996
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	26	23.7207	4.9423	0.5403	0.4979	31	32.1817	6.7191	0.7528	0.6932	42	54.1055	8.3701	1.2965	1.1930	24	31.6223	6.1367	0.7500	0.6905
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	21	19.6545	4.0477	0.4438	0.4083	26	30.1447	5.8778	0.6949	0.6399	32	46.9771	8.3838	1.1560	1.0640	35	43.1601	7.8850	1.0451	0.9610
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	3	0.3908	0.0349	0.0102	0.0094	1	0.3260	0.0313	0.0052	0.0047	2	3.5043	0.4309	0.0788	0.0725	2	0.0606	0.0032	0.0049	0.0046
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	6	0.9695	0.0902	0.0215	0.0199	4	0.7138	0.0519	0.0268	0.0226	1	0.0303	0.0016	0.0024	0.0023	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	44	7.6818	1.2428	0.1939	0.1780	60	9.1339	1.5024	0.2307	0.2114	55	11.6029	1.7503	0.2812	0.2582	41	7.4518	1.3487	0.1819	0.1669
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	37	6.3820	0.9416	0.1672	0.1534	71	12.1460	1.9460	0.3104	0.2848	44	9.3824	1.6154	0.2313	0.2128	47	8.6968	1.5195	0.2106	0.1938
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	48	8.6836	1.4364	0.2109	0.1936	64	8.9566	1.5114	0.2241	0.2054	51	8.3459	1.5655	0.1970	0.1807	49	8.5590	1.5550	0.2038	0.1870
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	57	9.8619	1.8632	0.2388	0.2194	76	11.9378	1.9136	0.2924	0.2683	39	7.2468	1.5082	0.1627	0.1493	50	9.0885	1.6864	0.2182	0.2008
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	331	100.7850	15.0528	2.2256	2.0414	411	157.8991	24.4111	3.6459	3.3475	239	87.2644	13.3634	2.0117	1.8447	311	99.1712	16.0737	2.2621	2.0794
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	324	113.7663	16.4538	2.5829	2.3740	346	120.8963	17.8707	2.8172	2.5886	307	120.7006	18.4739	2.7715	2.5481	256	103.6818	16.9032	2.4011	2.2091
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	39	4.2381	0.6469	0.1003	0.0925	31	4.7948	1.2793	0.1083	0.0997	26	5.3400	1.2056	0.1213	0.1111	30	4.5625	1.0756	0.1024	0.0937
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	25	3.5023	0.8154	0.0755	0.0695	37	5.8733	1.3768	0.1336	0.1230	28	4.6533	1.2238	0.1032	0.0950	23	4.7220	0.9673	0.1136	0.1045
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.6892	0.1420	0.0147	0.0136	9	2.1878	0.2637	0.0541	0.0497	8	2.1864	0.3003	0.0514	0.0473	3	0.4971	0.1173	0.0115	0.0106
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.6034	0.1393	0.0131	0.0120	5	1.4791	0.1618	0.0365	0.0336	6	1.5082	0.2001	0.0353	0.0325	7	1.4808	0.2928	0.0330	0.0303
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	292	52.5429	7.9976	1.1382	1.0445	391	88.4839	14.0530	2.0259	1.8597	214	46.9414	7.3068	1.0684	0.9805	263	53.9162	9.0549	1.2176	1.1194
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	275	59.4666	8.6736	1.3272	1.2208	299	63.8121	9.3372	1.4832	1.3629	271	62.8110	9.9011	1.4262	1.3123	217	55.0916	8.8791	1.2730	1.1713
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	73	8.4849	1.2371	0.1998	0.1836	61	9.6709	1.4279	0.2265	0.2081	54	7.4637	1.2806	0.1769	0.1621	77	8.6196	1.2697	0.2079	0.1913
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	32	3.9108	0.5878	0.0876	0.0807	39	5.6076	0.8770	0.1300	0.1197	40	5.9621	0.9158	0.1392	0.1278	47	5.2880	0.9826	0.1225	0.1128
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	3	0.0625	0.0056	0.0017	0.0016	4	0.0683	0.0059	0.0022	0.0021	4	0.1133	0.0106	0.0026	0.0024	9	0.1839	0.0139	0.0047	0.0043
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	9	1.9195	0.2510	0.0433	0.0398	13	3.0237	0.4351	0.0685	0.0630	12	2.4362	0.3346	0.0563	0.0517	11	1.5853	0.2342	0.0353	0.0324
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	70	17.3313	2.5208	0.4096	0.3757	58	18.8788	2.6508	0.4453	0.4097	56	15.8507	2.7173	0.3770	0.3454	82	18.6554	2.7453	0.4531	0.4169
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	67	15.5837	2.2771	0.3833	0.3516	64	15.3107	2.4411	0.3647	0.3355	51	17.1708	2.5994	0.4074	0.3742	54	14.1085	2.5532	0.3292	0.3028
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	567	245.0604	35.8804	5.7532	5.2830	613	305.5542	44.2938	7.2453	6.6549	554	313.3893	46.4974	7.4021	6.8012	603	294.3672	45.1819	6.9173	6.3579
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	296	194.7125	28.3375	4.6369	4.2641	377	260.8504	36.7841	6.2615	5.7565	417	290.9916	43.9605	6.9162	6.3598	359	253.7778	37.0010	6.0833	5.5938
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	198	84.0590	18.0030	3.0274	2.7853	215	91.9094	19.4811	3.3116	3.0467	293	121.7674	26.4592	4.4125	4.0594	256	107.2804	23.1949	3.8771	3.5669
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	198	151.5485	32.4573	5.4580	5.0215	215	165.7019	35.1221	5.9705	5.4928	293	219.5323	47.7028	7.9552	7.3186	256	193.4140	41.8177	6.9899	6.4307
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	198	115.7004	24.7797	4.1669	3.8337	215	126.5060	26.8142	4.5582	4.1935	293	167.6030	36.4190	6.0735	5.5874	256	147.6629	31.9259	5.3365	4.9095
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	198	184.2463	39.4602	6.6356	6.1049	215	201.4535	42.7000	7.2587	6.6780	293	266.8982	57.9951	9.6716	8.8977	256	235.1447	50.8402	8.4980	7.8181
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	198	152.8541	32.7369	5.5050	5.0647	215	167.1295	35.4247	6.0219	5.5402	293	221.4236	48.1138	8.0238	7.3817	256	195.0803	42.1780	7.0501	6.4861
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	19	14.7325	3.1559	0.5308	0.4883	22	17.2803	3.6465	0.6220	0.5722	29	22.1289	4.7888	0.8012	0.7371	27	20.5882	4.4725	0.7445	0.6849
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	10	9.2836	1.9643	0.3334	0.3067	11	10.1924	2.1508	0.3669	0.3375	15	13.6462	2.9274	0.4929	0.4535	14	12.7375	2.7408	0.4595	0.4227
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	10	7.6744	1.6238	0.2756	0.2536	11	8.4256	1.7780	0.3033	0.2790	15	11.2807	2.4199	0.4075	0.3749	14	10.5295	2.2657	0.3798	0.3494
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	179	148.4339	31.7895	5.3456	4.9181	193	161.0444	34.1522	5.8034	5.3391	264	214.1792	46.5606	7.7620	7.1408	231	188.7602	40.8713	6.8238	6.2779
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr17	4672.0886	689.1482	122.2749	112.3869	Hr18	5141.2575	724.6733	141.6292	129.9655	Hr19	2381.6310	286.6260	59.6039	54.6826	Hr20	2075.9678	198.2410	50.1679	46.0521
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	110	52.1084	7.3283	1.3028	1.1987	44	21.7061	2.9714	0.5415	0.4984	1	0.5252	0.0699	0.0130	0.0120	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	130	58.3380	8.1202	1.4643	1.3474	82	33.5166	4.5787	0.8410	0.7741	26	2.9374	0.3714	0.0815	0.0751	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	521	266.1536	42.3041	6.2406	5.7235	821	326.8340	43.9326	8.5524	7.8041	316	135.6257	19.6354	3.3202	3.0327	243	103.6760	12.2744	2.6526	2.4268
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	245	232.3108	36.3227	5.5502	5.1032	242	222.6847	34.5995	5.3785	4.9456	44	28.8904	5.2615	0.6741	0.6201	202	102.3476	11.8499	2.5690	2.3547
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	468	323.6091	52.7357	7.5897	6.9548	716	439.2151	54.2383	11.8647	10.8117	424	232.7493	31.2480	6.3011	5.7500	253	139.0576	15.8240	3.7925	3.4650
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	318	344.6939	48.1682	8.5022	7.8131	295	333.3190	43.0288	8.4740	7.7863	192	130.5797	18.3205	3.1576	2.8884	170	149.2530	16.2461	3.7627	3.4506
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	521	118.3750	18.8146	2.7731	2.5454	821	145.3492	19.5363	3.8036	3.4711	316	60.3237	8.7318	1.4767	1.3491	243	46.1245	5.4608	1.1801	1.0796
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	246	101.6033	16.0062	2.4250	2.2297	240	98.1906	15.0547	2.3742	2.1831	43	12.6281	2.3011	0.2941	0.2705	212	44.8693	5.1889	1.1312	1.0370
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	22	28.6947	6.6372	0.6675	0.6141	37	60.7003	10.0315	1.4832	1.3635	12	19.2985	3.0609	0.4758	0.4375	1	2.1665	0.3169	0.0502	0.0463
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	36	31.6272	6.8731	0.7697	0.7079	52	63.0439	11.6752	1.5677	1.4424	18	20.5709	3.8175	0.5049	0.4646	4	3.6969	0.8149	0.0824	0.0759
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	2	2.1608	0.1946	0.0679	0.0626	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	4	0.9583	0.0912	0.0173	0.0158	0	0.0000	0.0000	0.0000	0.0000	3	5.6826	0.6310	0.1462	0.1346	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	41	8.1051	1.5559	0.1989	0.1826	51	12.1204	1.9881	0.3014	0.2767	32	4.4332	0.6817	0.1238	0.1125	17	3.5143	0.4430	0.0987	0.0908
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	59	9.1784	1.6714	0.2323	0.2129	71	13.3384	2.3651	0.3361	0.3088	33	4.9576	0.7843	0.1314	0.1210	16	2.9655	0.3931	0.0819	0.0754
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	46	8.5636	1.6486	0.2072	0.1902	44	9.3965	1.4465	0.2321	0.2132	30	4.0578	0.6281	0.1100	0.1003	17	3.3479	0.4206	0.0933	0.0859
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	63	8.9329	1.8578	0.2164	0.1979	76	13.6892	2.1987	0.3477	0.3191	35	5.2520	0.8652	0.1344	0.1238	16	3.0233	0.3995	0.0829	0.0763
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	390	108.1112	17.0350	2.5093	2.2996	619	149.5821	17.4112	4.0894	3.7229	363	81.3514	10.9732	2.1551	1.9636	243	54.4986	6.1691	1.4741	1.3475
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	269	121.9464	16.1872	3.0292	2.7830	253	120.1245	15.2862	3.0615	2.8115	174	49.6299	6.8452	1.1708	1.0712	166	60.8572	6.6550	1.5194	1.3932
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	38	5.9244	1.0633	0.1495	0.1372	38	3.7933	0.6894	0.0886	0.0812	39	2.6033	0.2215	0.0938	0.0862	7	0.3503	0.0615	0.0118	0.0104
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	27	5.7187	0.9854	0.1310	0.1205	17	3.8365	0.4388	0.0973	0.0895	3	0.1224	0.0425	0.0047	0.0044	0	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	5	0.9149	0.2757	0.0189	0.0174	4	0.1693	0.0156	0.0036	0.0033	5	0.7600	0.3325	0.0149	0.0137	1	0.5017	0.0453	0.0154	0.0141
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	6	1.3639	0.2929	0.0346	0.0318	2	0.0143	0.0008	0.0012	0.0011	5	0.7600	0.3325	0.0149	0.0137	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	339	63.0088	9.8374	1.4489	1.3284	443	75.6439	9.4994	2.0946	1.9121	315	49.2120	6.7524	1.2735	1.1616	191	31.3463	3.4220	0.8331	0.7618
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	228	58.3957	7.8084	1.3955	1.2821	244	72.8319	9.3876	1.8979	1.7435	163	28.9763	4.1488	0.7079	0.6475	144	31.7461	3.5585	0.7704	0.7092
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	80	5.8628	1.0087	0.1383	0.1267	195	19.7999	2.0936	0.5784	0.5291	54	2.9138	0.3479	0.0905	0.0824	72	6.3138	0.6755	0.1868	0.1715
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	45	6.4433	0.8283	0.1681	0.1544	23	3.5893	0.4900	0.0744	0.0681	12	1.2783	0.1112	0.0226	0.0208	24	3.0076	0.3057	0.0688	0.0621
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	13	1.3298	0.2076	0.0363	0.0334	14	2.0274	0.2917	0.0615	0.0566	6	0.4389	0.0387	0.0149	0.0138	9	1.0160	0.1448	0.0313	0.0288
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	19	4.9214	0.6872	0.1315	0.1210	8	3.3086	0.3004	0.1021	0.0939	4	0.7167	0.0776	0.0193	0.0178	7	1.8309	0.2169	0.0538	0.0495
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	91	15.4111	2.6339	0.3805	0.3487	208	45.6695	4.7957	1.3550	1.2402	58	6.4073	0.7619	0.1994	0.1819	78	14.7242	1.6695	0.4390	0.4032
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	62	23.2578	3.1486	0.6289	0.5780	30	13.1241	1.4581	0.3336	0.3062	16	3.9400	0.3697	0.0813	0.0749	32	9.4668	0.9251	0.2441	0.2213
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	647	283.3276	41.6466	6.7016	6.1520	902	286.2402	37.7696	7.3787	6.7426	341	100.6776	14.4200	2.4739	2.2607	247	55.1114	6.6153	1.5301	1.3989
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	350	246.7778	36.1622	5.8955	5.4209	282	193.0075	28.4992	4.6623	4.2871	44	21.2215	3.8103	0.4948	0.4551	142	43.4299	5.6614	1.0443	0.9571
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	221	93.5385	19.9982	3.3772	3.1070	274	115.7658	24.7543	4.1838	3.8490	51	19.7217	4.6476	0.7198	0.6622	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	221	168.6389	36.0545	6.0888	5.6016	274	208.7122	44.6291	7.5428	6.9392	51	35.5560	8.3791	1.2977	1.1939	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	221	128.7483	27.5260	4.6485	4.2766	274	159.3424	34.0723	5.7586	5.2978	51	27.1454	6.3970	0.9907	0.9115	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	221	205.0242	43.8335	7.4025	6.8102	274	253.7436	54.2582	9.1703	8.4364	51	43.2275	10.1869	1.5776	1.4515	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	221	170.0918	36.3651	6.1412	5.6499	274	210.5103	45.0136	7.6078	6.9990	51	35.8623	8.4513	1.3088	1.2042	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	21	16.2732	3.4723	0.5875	0.5405	27	20.9785	4.4630	0.7572	0.6966	6	4.3149	1.0002	0.1570	0.1444	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	11	10.1924	2.1508	0.3669	0.3375	15	13.6462	2.9274	0.4929	0.4535	3	2.5451	0.5900	0.0926	0.0852	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	11	8.4256	1.7780	0.3033	0.2790	15	11.2807	2.4199	0.4075	0.3749	3	2.1039	0.4877	0.0765	0.0704	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	200	165.3021	35.3484	5.9683	5.4908	247	203.6868	43.5790	7.3623	6.7731	45	33.9080	8.0085	1.2380	1.1390	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804	17	8.9047	1.5410	0.3047	0.2804
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672	17	5.3104	0.9190	0.1817	0.1672
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669	17	40.2346	6.9627	1.3767	1.2669
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959	17	50.6818	8.7706	1.7342	1.5959

Appendix E1 - Calculations of Total Vehicle Emission over 24 Hours (Year 2024)

Year	2024			Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr21	1459.6914	121.8131	32.0442	29.4484	Hr22	1328.7094	103.8322	28.2826	26.0051	Hr23	1156.0514	85.0219	24.8973	22.8905	Hr24	661.5471	57.3459	14.5662	13.3925
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	120	46.2205	5.8118	1.0796	0.9895	77	32.9771	3.8198	0.6879	0.6305	42	10.2655	1.2021	0.2228	0.2039	38	19.6033	3.0220	0.4882	0.4477
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	103	44.8013	5.5732	1.0156	0.9317	67	31.3627	3.4802	0.6344	0.5826	36	10.0158	1.0978	0.2058	0.1881	36	22.8617	3.2303	0.5217	0.4799
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	111	73.5243	8.0461	1.6258	1.4923	55	41.0883	4.7580	0.7617	0.6964	32	24.4297	2.0862	0.4874	0.4462	35	27.7617	3.7664	0.6337	0.5807
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	103	57.6687	6.7711	1.3579	1.2434	78	50.4845	4.9919	1.0761	0.9889	45	12.2488	1.4865	0.2622	0.2396	35	28.0645	3.9318	0.6449	0.5909
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	120	20.5577	2.5845	0.4802	0.4402	77	14.6712	1.6994	0.3061	0.2805	42	4.5670	0.5348	0.0991	0.0907	38	8.7214	1.3445	0.2172	0.1992
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	103	19.5941	2.4372	0.4442	0.4076	67	13.7194	1.5224	0.2775	0.2549	36	4.3813	0.4802	0.0900	0.0823	36	10.0007	1.4131	0.2282	0.2099
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	7	1.0133	0.2038	0.0262	0.0241	3	0.2726	0.0783	0.0043	0.0040	2	0.0866	0.0080	0.0019	0.0017	0	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	7	0.6258	0.0558	0.0201	0.0186	8	0.5433	0.1557	0.0136	0.0121	1	0.0074	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	8	1.1433	0.2664	0.0287	0.0264	4	0.4206	0.1434	0.0073	0.0067	2	0.0841	0.0078	0.0018	0.0016	0	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	7	0.6500	0.0579	0.0209	0.0193	12	1.0520	0.3183	0.0262	0.0231	2	0.0742	0.0069	0.0017	0.0015	0	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	105	28.0530	3.0956	0.6028	0.5532	47	14.6174	1.3024	0.2555	0.2353	30	8.6663	0.7447	0.1593	0.1456	28	9.7055	1.2347	0.2221	0.2033
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	98	21.6939	2.2652	0.5051	0.4623	77	19.3305	1.6947	0.3985	0.3661	44	5.0839	0.6234	0.1089	0.0995	26	9.9212	1.2747	0.2208	0.2033
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	4	0.1260	0.0085	0.0023	0.0021	0	0.0000	0.0000	0.0000	0.0000	3	0.5913	0.0503	0.0172	0.0158	1	0.0077	0.0004	0.0006	0.0006
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	3	0.1322	0.0093	0.0019	0.0017	1	0.5316	0.0480	0.0163	0.0150	2	0.0510	0.0016	0.0006	0.0006	1	0.0076	0.0004	0.0006	0.0006
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	95	15.0233	1.8279	0.3440	0.3162	41	7.8319	0.7515	0.1451	0.1337	27	4.9858	0.4124	0.0898	0.0821	21	3.6691	0.5816	0.0935	0.0860
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	96	14.2825	1.4888	0.3411	0.3123	71	9.8721	0.8610	0.2133	0.1960	41	3.0978	0.3909	0.0681	0.0622	21	3.6997	0.5847	0.0939	0.0865
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	12	2.4702	0.1593	0.0421	0.0384	6	0.7787	0.0461	0.0100	0.0092	3	0.3296	0.0370	0.0066	0.0060	1	0.0045	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	3	0.0570	0.0016	0.0004	0.0003	6	1.0627	0.0995	0.0170	0.0157	3	0.0570	0.0016	0.0004	0.0003	1	0.0045	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	1	0.0058	0.0003	0.0005	0.0004	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	1	0.0332	0.0009	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	11	3.8414	0.2529	0.0699	0.0637	6	1.6516	0.0979	0.0212	0.0195	3	0.6991	0.0785	0.0139	0.0128	1	0.0096	0.0005	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	3	0.1208	0.0035	0.0008	0.0007	6	2.2540	0.2111	0.0361	0.0333	3	0.1208	0.0035	0.0008	0.0007	1	0.0096	0.0005	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	119	29.7521	3.5628	0.6704	0.6156	52	13.8512	1.4663	0.2550	0.2329	40	7.9659	0.7154	0.1693	0.1518	28	6.0513	0.6425	0.1367	0.1249
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	114	25.7412	3.0390	0.5931	0.5399	85	17.7097	1.9952	0.3485	0.3203	44	5.6493	0.7616	0.1184	0.1082	24	5.8861	0.6359	0.1251	0.1152
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	135	147.6853	10.4234	3.1949	2.9392	0	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	135	174.2180	12.2960	3.7688	3.4672	0	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	135	157.7977	11.1371	3.4136	3.1405	0	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648	35	43.4542	3.0669	0.9400	0.8648
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	16	21.0524	1.4858	0.4554	0.4190	0	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	74	32.1002	2.2656	0.6944	0.6389	66	28.6299	2.0207	0.6193	0.5698
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	74	34.6606	2.4463	0.7498	0.6898	66	30.9135	2.1818	0.6687	0.6152
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	74	95.3286	6.7281	2.0622	1.8972	66	85.0228	6.0008	1.8393	1.6921
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	16	17.9867	1.2695	0.3891	0.3580	0	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508	132	228.6626	16.1386	4.9466	4.5508
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	148	99.6468	7.0329	2.1556	1.9831	132	88.8741	6.2726	1.9226	1.7688
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

Trips extracted from EMFAC-HK — **EMFAC Year** 2025

Hong Kong SAR Trips-per-Day by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	958067	17168.78	0	**975235.78**
02 - Taxi	13.61722	0	73195.05	**73208.6672**
03 - Light Goods Vehicles<=2.5t	91.44266	2261.045	0	**2352.48766**
04 - Lt Goods Vehicles 2.5-3.5t	6439.321	218817.3	0	**225256.621**
05 - Light Goods Vehicles>3.5t	0	80887.25	0	**80887.25**
06 - Medium Goods Vehicles<=15t	0	52040.49	0	**52040.49**
07 - Medium Goods Vehicles15-24t	0	102304.2	0	**102304.2**
08 - Public Light Buses	0	9869.194	7424.291	**17293.485**
09 - Private Light Bus <=3.5t	411.6483	1024.752	0	**1436.4003**
10 - Private Light Bus >3.5t	17.62787	8893.363	2301.897	**11212.8879**
11 - Non-franchised Bus<=6.4t	0	10185.96	0	**10185.96**
12 - Non-franchised Bus 6.4-15t	0	7066.586	0	**7066.586**
13 - Non-franchised Bus 15-24t	0	15512.9	0	**15512.9**
14 - Franchised Bus (SD)	0	2933.663	0	**2933.663**
15 - Franchised Bus (DD)	0	62351.05	0	**62351.05**
16 - Motorcycles (MC)	395013.7	0	0	**395013.7**
17 - Heavy Goods Vehicles>24t	0	26726.41	0	**26726.41**
18 - Non-franchised Bus >24t	0	7.9984	0	**7.9984**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

VKT extracted from EMFAC-HK — **EMFAC Year** 2025

Hong Kong SAR VKT by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	18371522	306332.7	0	**18677854.7**
02 - Taxi	1463.156	0	7864740	**7866203.16**
03 - Light Goods Vehicles<=2.5t	1396.636	37295.3	0	**38691.936**
04 - Lt Goods Vehicles 2.5-3.5t	102869.9	3682192	0	**3785061.9**
05 - Light Goods Vehicles>3.5t	0	1971163	0	**1971163**
06 - Medium Goods Vehicles<=15t	0	1114909	0	**1114909**
07 - Medium Goods Vehicles15-24t	0	2198172	0	**2198172**
08 - Public Light Buses	0	594869.2	447412.4	**1042281.6**
09 - Private Light Bus <=3.5t	9077.78	36151.7	0	**45229.48**
10 - Private Light Bus >3.5t	354.9575	252772.3	46974.79	**300102.048**
11 - Non-franchised Bus<=6.4t	0	314402.5	0	**314402.5**
12 - Non-franchised Bus 6.4-15t	0	212315.4	0	**212315.4**
13 - Non-franchised Bus 15-24t	0	464177	0	**464177**
14 - Franchised Bus (SD)	0	49208.75	0	**49208.75**
15 - Franchised Bus (DD)	0	1285808	0	**1285808**
16 - Motorcycles (MC)	1084761	0	0	**1084761**
17 - Heavy Goods Vehicles>24t	0	573090.8	0	**573090.8**
18 - Non-franchised Bus >24t	0	240.3934	0	**240.3934**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

EMFAC Year 2025

Trips per VKT	
PC	**0.364145**
TAXI	**0.064907**
LGV3	**0.424032**
LGV4	**0.415046**
LGV6	**0.286186**
HGV7	**0.325532**
HGV8	**0.324581**
PLB	**0.115715**
PV4	**0.221486**
PV5	**0.260579**
NFB6	**0.225947**
NFB7	**0.232124**
NFB8	**0.233078**
FBSD	**0.415776**
FBDD	**0.338189**
MC	**2.539625**
HGV9	**0.325244**
NFB9	**0.232045**

HKO Met Data

2022 Tuen Mun Children and Juvenile Home HKO Automatic Weather Station

TEMP (°C)	**7**
RH (%)	**18**

2022 Traffic Census

Region	Major Road Network	Minor Road Network	All Road Network
HKI	4694332	1008295	5702627
KLN	6942512	1041185	7983697
NT	21261219	3457253	24718472
Subtotal	32898063	5506733	38404796
% Share	85.66%	**14.34%**	100.00%

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NOx Running Emissions (gram/km) at different speeds **EMFAC Year 2025**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0514	0.9774	2.2746	2.1343	2.6120	4.1946	7.0605	1.6676	1.4666	1.7433	3.5633	5.1345	11.2341	10.2647	13.0748	0.4117	8.8050	8.3282	6.6547
28	0.0346	0.5230	1.2485	1.1258	1.5262	2.3779	2.9612	1.0372	0.7233	0.9347	1.8229	2.8843	4.9186	4.7787	5.4499	0.3325	3.8750	3.3249	-
29	0.0341	0.5127	1.2181	1.0949	1.4955	2.3283	2.8735	1.0179	0.6987	0.9145	1.7818	2.8227	4.7812	4.6578	5.2940	0.3294	3.7676	3.2224	-
30	0.0335	0.5032	1.1889	1.0652	1.4661	2.2809	2.7913	0.9993	0.6750	0.8954	1.7429	2.7639	4.6522	4.5443	5.1478	0.3263	3.6669	3.1268	-
31	0.0330	0.4937	1.1303	0.9990	1.4200	2.2118	2.7141	0.9816	0.6122	0.8773	1.7061	2.6757	4.5309	4.4375	5.0103	0.3234	3.5721	3.0376	-
32	0.0325	0.4845	1.1050	0.9735	1.3941	2.1699	2.6415	0.9646	0.5922	0.8601	1.6712	2.6237	4.4165	4.3368	4.8807	0.3206	3.4828	2.9542	-
33	0.0320	0.4757	1.0812	0.9495	1.3695	2.1301	2.5730	0.9483	0.5735	0.8437	1.6380	2.5744	4.3086	4.2417	4.7585	0.3180	3.3984	2.8761	-
34	0.0316	0.4674	1.0588	0.9270	1.3461	2.0923	2.5083	0.9327	0.5560	0.8281	1.6065	2.5277	4.2065	4.1518	4.6428	0.3154	3.3187	2.8027	-
35	0.0311	0.4594	1.0377	0.9058	1.3239	2.0564	2.4472	0.9178	0.5397	0.8132	1.5765	2.4833	4.1097	4.0666	4.5333	0.3129	3.2431	2.7338	-
36	0.0307	0.4518	1.0176	0.8857	1.3028	2.0222	2.3893	0.9035	0.5243	0.7990	1.5478	2.4410	4.0180	3.9858	4.4294	0.3105	3.1714	2.6689	-
37	0.0303	0.4446	0.9987	0.8668	1.2827	1.9896	2.3343	0.8898	0.5099	0.7854	1.5205	2.4007	3.9308	3.9091	4.3307	0.3081	3.1034	2.6077	-
38	0.0299	0.4376	0.9806	0.8489	1.2635	1.9585	2.2821	0.8766	0.4963	0.7724	1.4943	2.3623	3.8478	3.8361	4.2367	0.3059	3.0386	2.5500	-
39	0.0295	0.4310	0.9635	0.8319	1.2451	1.9287	2.2324	0.8640	0.4835	0.7599	1.4692	2.3255	3.7688	3.7667	4.1472	0.3038	2.9769	2.4955	-
40	0.0291	0.4246	0.9472	0.8157	1.2275	1.9002	2.1851	0.8520	0.4714	0.7480	1.4452	2.2904	3.6934	3.7005	4.0618	0.3017	2.9181	2.4439	-
41	0.0287	0.4185	0.9317	0.8004	1.2106	1.8728	2.1400	0.8405	0.4599	0.7365	1.4222	2.2567	3.6215	3.6373	3.9803	0.2998	2.8619	2.3951	-
42	0.0283	0.4126	0.9169	0.7857	1.1944	1.8466	2.0969	0.8295	0.4490	0.7256	1.4000	2.2243	3.5527	3.5770	3.9023	0.2979	2.8082	2.3489	-
43	0.0280	0.4069	0.9027	0.7718	1.1789	1.8214	2.0557	0.8190	0.4387	0.7150	1.3788	2.1933	3.4869	3.5193	3.8276	0.2961	2.7568	2.3050	-
44	0.0276	0.4015	0.8892	0.7585	1.1639	1.7972	2.0163	0.8090	0.4289	0.7049	1.3583	2.1635	3.4238	3.4641	3.7561	0.2943	2.7076	2.2633	-
45	0.0273	0.3962	0.8762	0.7457	1.1495	1.7738	1.9786	0.7995	0.4196	0.6952	1.3386	2.1348	3.3634	3.4112	3.6875	0.2927	2.6605	2.2237	-
46	0.0269	0.3911	0.8638	0.7335	1.1356	1.7514	1.9425	0.7905	0.4108	0.6859	1.3195	2.1072	3.3054	3.3605	3.6216	0.2911	2.6152	2.1860	-
47	0.0266	0.3863	0.8519	0.7219	1.1223	1.7297	1.9078	0.7819	0.4023	0.6769	1.3012	2.0805	3.2497	3.3119	3.5583	0.2896	2.5718	2.1502	-
48	0.0263	0.3815	0.8404	0.7107	1.1094	1.7088	1.8745	0.7737	0.3943	0.6683	1.2835	2.0548	3.1961	3.2652	3.4974	0.2882	2.5300	2.1160	-
49	0.0260	0.3770	0.8294	0.6999	1.0969	1.6886	1.8425	0.7660	0.3866	0.6600	1.2664	2.0300	3.1446	3.2204	3.4388	0.2868	2.4898	2.0834	-
50	0.0257	0.3726	0.8188	0.6896	1.0849	1.6691	1.8118	0.7587	0.3792	0.6520	1.2498	2.0061	3.0950	3.1772	3.3824	0.2855	2.4511	2.0524	-
65	0.0227	0.3296	0.7223	0.5909	0.9421	1.4943	1.5378	0.7102	0.3033	0.5875	1.1100	1.7908	2.6633	2.8205	3.3482	0.2735	2.1161	1.7736	-
66	0.0225	0.3286	0.7202	0.5882	0.9345	1.4943	1.5378	0.7115	0.3002	0.5878	1.1100	1.7908	2.6633	2.8205	3.3482	0.2732	2.1161	1.7736	-
67	0.0224	0.3277	0.7183	0.5855	0.9271	1.4943	1.5378	0.7131	0.2972	0.5881	1.1100	1.7908	2.6633	2.8205	3.3482	0.2729	2.1161	1.7736	-
68	0.0222	0.3269	0.7164	0.5830	0.9199	1.4943	1.5378	0.7149	0.2943	0.5885	1.1100	1.7908	2.6633	2.8205	3.3482	0.2727	2.1161	1.7736	-
69	0.0221	0.3262	0.7147	0.5806	0.9128	1.4943	1.5378	0.7171	0.2916	0.589	1.11	1.7908	2.6633	2.8205	3.3482	0.2725	2.1161	1.7736	-
70	0.0219	0.3256	0.7131	0.5783	0.9059	1.4943	1.5378	0.7195	0.2889	0.5896	1.11	1.7908	2.6633	2.8205	3.3482	0.2724	2.1161	1.7736	-

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NO2 Running Emissions (gram/km) at different speeds

EMFAC Year: 2025

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0027	0.0260	0.1994	0.1792	0.7314	1.2801	1.2891	0.2320	0.2777	0.4334	0.9977	1.6668	1.3253	0.3262	0.6965	0.0206	1.4014	1.2817	0.8933
28	0.0018	0.0138	0.1104	0.0968	0.4273	0.7227	0.4884	0.1197	0.1334	0.2220	0.5104	0.9376	0.5045	0.1416	0.2562	0.0166	0.5725	0.4092	-
29	0.0018	0.0136	0.1078	0.0943	0.4187	0.7074	0.4718	0.1171	0.1286	0.2170	0.4989	0.9175	0.4875	0.1376	0.2487	0.0165	0.5549	0.3921	-
30	0.0018	0.0133	0.1053	0.0919	0.4105	0.6928	0.4563	0.1145	0.1240	0.2122	0.4880	0.8985	0.4716	0.1339	0.2418	0.0163	0.5384	0.3762	-
31	0.0017	0.0131	0.1004	0.0869	0.3976	0.6710	0.4418	0.1121	0.1116	0.2078	0.4777	0.8696	0.4567	0.1304	0.2353	0.0162	0.5229	0.3614	-
32	0.0017	0.0128	0.0982	0.0848	0.3903	0.6581	0.4282	0.1098	0.1077	0.2035	0.4679	0.8527	0.4428	0.1271	0.2292	0.0160	0.5084	0.3476	-
33	0.0017	0.0126	0.0962	0.0829	0.3835	0.6459	0.4154	0.1077	0.1041	0.1995	0.4586	0.8367	0.4296	0.1240	0.2234	0.0159	0.4947	0.3347	-
34	0.0017	0.0124	0.0942	0.0811	0.3769	0.6343	0.4034	0.1056	0.1008	0.1957	0.4498	0.8215	0.4173	0.1211	0.2180	0.0158	0.4818	0.3227	-
35	0.0016	0.0121	0.0924	0.0794	0.3707	0.6232	0.3920	0.1037	0.0976	0.1920	0.4414	0.8071	0.4056	0.1184	0.2129	0.0156	0.4695	0.3114	-
36	0.0016	0.0119	0.0907	0.0777	0.3648	0.6127	0.3813	0.1018	0.0947	0.1885	0.4334	0.7934	0.3946	0.1158	0.2081	0.0155	0.4580	0.3008	-
37	0.0016	0.0118	0.0890	0.0762	0.3592	0.6027	0.3712	0.1000	0.0919	0.1852	0.4257	0.7803	0.3842	0.1133	0.2035	0.0154	0.4470	0.2908	-
38	0.0016	0.0116	0.0875	0.0747	0.3538	0.5931	0.3615	0.0983	0.0893	0.1820	0.4184	0.7678	0.3743	0.1109	0.1991	0.0153	0.4366	0.2814	-
39	0.0016	0.0114	0.0860	0.0733	0.3486	0.5840	0.3524	0.0967	0.0868	0.1790	0.4114	0.7559	0.3649	0.1087	0.1950	0.0152	0.4267	0.2725	-
40	0.0015	0.0112	0.0846	0.0720	0.3437	0.5753	0.3437	0.0951	0.0845	0.1760	0.4047	0.7445	0.3560	0.1066	0.1910	0.0151	0.4172	0.2642	-
41	0.0015	0.0111	0.0832	0.0708	0.3390	0.5669	0.3355	0.0936	0.0823	0.1732	0.3982	0.7335	0.3476	0.1046	0.1873	0.0150	0.4083	0.2563	-
42	0.0015	0.0109	0.0819	0.0696	0.3344	0.5588	0.3276	0.0921	0.0802	0.1705	0.3920	0.7230	0.3395	0.1026	0.1837	0.0149	0.3997	0.2488	-
43	0.0015	0.0107	0.0807	0.0684	0.3301	0.5511	0.3201	0.0908	0.0783	0.1679	0.3861	0.7130	0.3318	0.1008	0.1802	0.0148	0.3915	0.2417	-
44	0.0015	0.0106	0.0795	0.0673	0.3259	0.5437	0.3130	0.0894	0.0764	0.1655	0.3803	0.7033	0.3245	0.0990	0.1770	0.0147	0.3837	0.2350	-
45	0.0014	0.0105	0.0783	0.0663	0.3219	0.5365	0.3062	0.0881	0.0746	0.1631	0.3748	0.6940	0.3175	0.0973	0.1738	0.0146	0.3762	0.2286	-
46	0.0014	0.0103	0.0773	0.0652	0.3180	0.5297	0.2996	0.0869	0.0729	0.1607	0.3695	0.6850	0.3108	0.0957	0.1708	0.0146	0.3690	0.2225	-
47	0.0014	0.0102	0.0762	0.0643	0.3142	0.5230	0.2934	0.0857	0.0713	0.1585	0.3643	0.6763	0.3043	0.0942	0.1679	0.0145	0.3621	0.2168	-
48	0.0014	0.0101	0.0752	0.0634	0.3106	0.5166	0.2874	0.0846	0.0698	0.1564	0.3594	0.6680	0.2982	0.0927	0.1651	0.0144	0.3555	0.2113	-
49	0.0014	0.0099	0.0742	0.0625	0.3071	0.5105	0.2816	0.0834	0.0683	0.1543	0.3546	0.6599	0.2923	0.0913	0.1624	0.0143	0.3491	0.2061	-
50	0.0014	0.0098	0.0733	0.0616	0.3038	0.5045	0.2761	0.0824	0.0669	0.1523	0.3500	0.6522	0.2866	0.0899	0.1598	0.0143	0.3430	0.2011	-
65	0.0012	0.0087	0.0647	0.0534	0.2638	0.4509	0.2244	0.0734	0.0524	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0137	0.2878	0.1507	-
66	0.0012	0.0087	0.0645	0.0532	0.2617	0.4509	0.2244	0.0734	0.0518	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0137	0.2878	0.1507	-
67	0.0012	0.0086	0.0643	0.0531	0.2596	0.4509	0.2244	0.0734	0.0512	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0136	0.2878	0.1507	-
68	0.0012	0.0086	0.0642	0.0529	0.2576	0.4509	0.2244	0.0734	0.0506	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0136	0.2878	0.1507	-
69	0.0012	0.0086	0.064	0.0527	0.2556	0.4509	0.2244	0.0734	0.0501	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0136	0.2878	0.1507	-
70	0.0012	0.0086	0.0639	0.0525	0.2537	0.4509	0.2244	0.0734	0.0496	0.1353	0.3108	0.5822	0.2337	0.0781	0.1499	0.0136	0.2878	0.1507	-

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NO Running Emissions (gram/km) at different speeds **EMFAC Year 2025**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0487	0.9514	2.0752	1.9551	1.8806	2.9145	5.7714	1.4356	1.1889	1.3099	2.5656	3.4677	9.9088	9.9385	12.3783	0.3911	7.4036	7.0465	5.7614
28	0.0328	0.5092	1.1381	1.0290	1.0989	1.6552	2.4728	0.9175	0.5899	0.7127	1.3125	1.9467	4.4141	4.6371	5.1937	0.3159	3.3025	2.9157	-
29	0.0323	0.4991	1.1103	1.0006	1.0768	1.6209	2.4017	0.9008	0.5701	0.6975	1.2829	1.9052	4.2937	4.5202	5.0453	0.3129	3.2127	2.8303	-
30	0.0317	0.4899	1.0836	0.9733	1.0556	1.5881	2.3350	0.8848	0.5510	0.6832	1.2549	1.8654	4.1806	4.4104	4.9060	0.3100	3.1285	2.7506	-
31	0.0313	0.4806	1.0299	0.9121	1.0224	1.5408	2.2723	0.8695	0.5006	0.6695	1.2284	1.8061	4.0742	4.3071	4.7750	0.3072	3.0492	2.6762	-
32	0.0308	0.4717	1.0068	0.8887	1.0038	1.5118	2.2133	0.8548	0.4845	0.6566	1.2033	1.7710	3.9737	4.2097	4.6515	0.3046	2.9744	2.6066	-
33	0.0303	0.4631	0.9850	0.8666	0.9860	1.4842	2.1576	0.8406	0.4694	0.6442	1.1794	1.7377	3.8790	4.1177	4.5351	0.3021	2.9037	2.5414	-
34	0.0299	0.4550	0.9646	0.8459	0.9692	1.4580	2.1049	0.8271	0.4552	0.6324	1.1567	1.7062	3.7892	4.0307	4.4248	0.2996	2.8369	2.4800	-
35	0.0295	0.4473	0.9453	0.8264	0.9532	1.4332	2.0552	0.8141	0.4421	0.6212	1.1351	1.6762	3.7041	3.9482	4.3204	0.2973	2.7736	2.4224	-
36	0.0291	0.4399	0.9269	0.8080	0.9380	1.4095	2.0080	0.8017	0.4296	0.6105	1.1144	1.6476	3.6234	3.8700	4.2213	0.2950	2.7134	2.3681	-
37	0.0287	0.4328	0.9097	0.7906	0.9235	1.3869	1.9631	0.7898	0.4180	0.6002	1.0948	1.6204	3.5466	3.7958	4.1272	0.2927	2.6564	2.3169	-
38	0.0283	0.4260	0.8931	0.7742	0.9097	1.3654	1.9206	0.7783	0.4070	0.5904	1.0759	1.5945	3.4735	3.7252	4.0376	0.2906	2.6020	2.2686	-
39	0.0279	0.4196	0.8775	0.7586	0.8965	1.3447	1.8800	0.7673	0.3967	0.5809	1.0578	1.5696	3.4039	3.6580	3.9522	0.2886	2.5502	2.2230	-
40	0.0276	0.4134	0.8626	0.7437	0.8838	1.3249	1.8414	0.7569	0.3869	0.5720	1.0405	1.5459	3.3374	3.5939	3.8708	0.2866	2.5009	2.1797	-
41	0.0272	0.4074	0.8485	0.7296	0.8716	1.3059	1.8045	0.7469	0.3776	0.5633	1.0240	1.5232	3.2739	3.5327	3.7930	0.2848	2.4536	2.1388	-
42	0.0268	0.4017	0.8350	0.7161	0.8600	1.2878	1.7693	0.7374	0.3688	0.5551	1.0080	1.5013	3.2132	3.4744	3.7186	0.2830	2.4085	2.1001	-
43	0.0265	0.3962	0.8220	0.7034	0.8488	1.2703	1.7356	0.7282	0.3604	0.5471	0.9927	1.4803	3.1551	3.4185	3.6474	0.2813	2.3653	2.0633	-
44	0.0261	0.3909	0.8097	0.6912	0.8380	1.2535	1.7033	0.7196	0.3525	0.5394	0.9780	1.4602	3.0993	3.3651	3.5791	0.2796	2.3239	2.0283	-
45	0.0259	0.3857	0.7979	0.6794	0.8276	1.2373	1.6724	0.7114	0.3450	0.5321	0.9638	1.4408	3.0459	3.3139	3.5137	0.2781	2.2843	1.9951	-
46	0.0255	0.3808	0.7865	0.6683	0.8176	1.2217	1.6429	0.7036	0.3379	0.5252	0.9500	1.4222	2.9946	3.2648	3.4508	0.2765	2.2462	1.9635	-
47	0.0252	0.3761	0.7757	0.6576	0.8081	1.2067	1.6144	0.6962	0.3310	0.5184	0.9369	1.4042	2.9454	3.2177	3.3904	0.2751	2.2097	1.9334	-
48	0.0249	0.3714	0.7652	0.6473	0.7988	1.1922	1.5871	0.6891	0.3245	0.5119	0.9241	1.3868	2.8979	3.1725	3.3323	0.2738	2.1745	1.9047	-
49	0.0246	0.3671	0.7552	0.6374	0.7898	1.1781	1.5609	0.6826	0.3183	0.5057	0.9118	1.3701	2.8523	3.1291	3.2764	0.2725	2.1407	1.8773	-
50	0.0243	0.3628	0.7455	0.6280	0.7811	1.1646	1.5357	0.6763	0.3123	0.4997	0.8998	1.3539	2.8084	3.0873	3.2226	0.2712	2.1081	1.8513	-
65	0.0215	0.3209	0.6576	0.5375	0.6783	1.0434	1.3134	0.6368	0.2509	0.4522	0.7992	1.2086	2.4296	2.7424	3.1983	0.2598	1.8283	1.6229	-
66	0.0213	0.3199	0.6557	0.5350	0.6728	1.0434	1.3134	0.6381	0.2484	0.4525	0.7992	1.2086	2.4296	2.7424	3.1983	0.2595	1.8283	1.6229	-
67	0.0212	0.3191	0.6540	0.5324	0.6675	1.0434	1.3134	0.6397	0.2460	0.4528	0.7992	1.2086	2.4296	2.7424	3.1983	0.2593	1.8283	1.6229	-
68	0.0210	0.3183	0.6522	0.5301	0.6623	1.0434	1.3134	0.6415	0.2437	0.4532	0.7992	1.2086	2.4296	2.7424	3.1983	0.2591	1.8283	1.6229	-
69	0.0209	0.3176	0.6507	0.5279	0.6572	1.0434	1.3134	0.6437	0.2415	0.4537	0.7992	1.2086	2.4296	2.7424	3.1983	0.2589	1.8283	1.6229	-
70	0.0207	0.317	0.6492	0.5258	0.6522	1.0434	1.3134	0.6461	0.2393	0.4543	0.7992	1.2086	2.4296	2.7424	3.1983	0.2588	1.8283	1.6229	-

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

RSP/PM10 Running Emissions (gram/km) at different speeds **EMFAC Year 2025**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0098	0.0000	0.0304	0.0260	0.0681	0.1225	0.2275	0.0412	0.0213	0.0650	0.1103	0.0839	0.4152	0.2831	0.3665	0.0142	0.2787	0.2136	0.1333
28	0.0043	0.0000	0.0183	0.0157	0.0426	0.0501	0.1190	0.0216	0.0112	0.0339	0.0567	0.0490	0.2172	0.1680	0.2171	0.0066	0.1459	0.1117	-
29	0.0041	0.0000	0.0179	0.0153	0.0420	0.0488	0.1164	0.0210	0.0109	0.0329	0.0550	0.0482	0.2125	0.1650	0.2133	0.0064	0.1427	0.1093	-
30	0.0040	0.0000	0.0174	0.0149	0.0414	0.0476	0.1140	0.0205	0.0105	0.0320	0.0534	0.0473	0.2080	0.1622	0.2096	0.0061	0.1397	0.1070	-
31	0.0038	0.0000	0.0170	0.0146	0.0409	0.0465	0.1116	0.0200	0.0102	0.0312	0.0519	0.0465	0.2037	0.1596	0.2061	0.0059	0.1368	0.1048	-
32	0.0037	0.0000	0.0166	0.0142	0.0403	0.0455	0.1094	0.0195	0.0099	0.0304	0.0505	0.0458	0.1997	0.1570	0.2028	0.0057	0.1341	0.1027	-
33	0.0035	0.0000	0.0162	0.0139	0.0399	0.0445	0.1073	0.0190	0.0097	0.0296	0.0492	0.0450	0.1959	0.1546	0.1997	0.0055	0.1315	0.1007	-
34	0.0034	0.0000	0.0159	0.0136	0.0394	0.0436	0.1053	0.0186	0.0094	0.0289	0.0480	0.0444	0.1922	0.1523	0.1967	0.0054	0.1291	0.0989	-
35	0.0033	0.0000	0.0155	0.0133	0.0390	0.0427	0.1034	0.0182	0.0091	0.0283	0.0468	0.0437	0.1888	0.1500	0.1938	0.0052	0.1268	0.0971	-
36	0.0032	0.0000	0.0152	0.0130	0.0386	0.0419	0.1016	0.0178	0.0089	0.0277	0.0457	0.0431	0.1855	0.1479	0.1910	0.0050	0.1245	0.0954	-
37	0.0031	0.0000	0.0148	0.0127	0.0382	0.0411	0.0999	0.0174	0.0087	0.0271	0.0448	0.0424	0.1823	0.1459	0.1884	0.0049	0.1224	0.0938	-
38	0.0030	0.0000	0.0145	0.0124	0.0378	0.0404	0.0982	0.0171	0.0084	0.0266	0.0438	0.0419	0.1793	0.1439	0.1858	0.0047	0.1204	0.0922	-
39	0.0029	0.0000	0.0142	0.0122	0.0375	0.0397	0.0966	0.0168	0.0082	0.0261	0.0430	0.0413	0.1764	0.1420	0.1834	0.0046	0.1184	0.0907	-
40	0.0028	0.0000	0.0139	0.0119	0.0372	0.0391	0.0951	0.0165	0.0080	0.0256	0.0422	0.0408	0.1736	0.1402	0.1810	0.0045	0.1166	0.0893	-
41	0.0027	0.0000	0.0136	0.0117	0.0369	0.0385	0.0937	0.0163	0.0078	0.0252	0.0415	0.0402	0.1709	0.1385	0.1788	0.0044	0.1148	0.0879	-
42	0.0026	0.0000	0.0133	0.0115	0.0366	0.0379	0.0923	0.0160	0.0077	0.0248	0.0408	0.0397	0.1684	0.1368	0.1766	0.0043	0.1131	0.0866	-
43	0.0026	0.0000	0.0131	0.0112	0.0364	0.0373	0.0909	0.0158	0.0075	0.0245	0.0402	0.0392	0.1659	0.1352	0.1745	0.0041	0.1114	0.0854	-
44	0.0025	0.0000	0.0128	0.0110	0.0361	0.0368	0.0896	0.0156	0.0073	0.0242	0.0397	0.0388	0.1635	0.1336	0.1725	0.0040	0.1098	0.0842	-
45	0.0024	0.0000	0.0126	0.0108	0.0359	0.0363	0.0884	0.0154	0.0072	0.0239	0.0392	0.0383	0.1613	0.1321	0.1705	0.0040	0.1083	0.0830	-
46	0.0024	0.0000	0.0124	0.0106	0.0357	0.0358	0.0872	0.0152	0.0070	0.0236	0.0387	0.0379	0.1591	0.1306	0.1686	0.0039	0.1068	0.0819	-
47	0.0023	0.0000	0.0121	0.0104	0.0355	0.0354	0.0860	0.0151	0.0069	0.0234	0.0383	0.0374	0.1569	0.1292	0.1668	0.0038	0.1054	0.0808	-
48	0.0022	0.0000	0.0119	0.0102	0.0354	0.0349	0.0849	0.0149	0.0067	0.0231	0.0379	0.0370	0.1549	0.1278	0.1650	0.0037	0.1040	0.0798	-
49	0.0022	0.0000	0.0117	0.0100	0.0352	0.0345	0.0838	0.0148	0.0066	0.0229	0.0376	0.0366	0.1529	0.1265	0.1633	0.0036	0.1027	0.0788	-
50	0.0021	0.0000	0.0115	0.0099	0.0351	0.0341	0.0828	0.0147	0.0065	0.0228	0.0373	0.0362	0.1510	0.1252	0.1616	0.0035	0.1014	0.0778	-
65	0.0017	0.0000	0.0092	0.0079	0.0346	0.0298	0.0821	0.0139	0.0051	0.0217	0.0358	0.0315	0.1500	0.1251	0.1611	0.0029	0.1009	0.0764	-
66	0.0016	0.0000	0.0091	0.0078	0.0347	0.0298	0.0821	0.0139	0.0051	0.0217	0.0358	0.0315	0.1500	0.1251	0.1611	0.0029	0.1009	0.0764	-
67	0.0016	0.0000	0.0090	0.0077	0.0348	0.0298	0.0821	0.0139	0.0050	0.0216	0.0358	0.0315	0.1500	0.1251	0.1611	0.0029	0.1009	0.0764	-
68	0.0016	0.0000	0.0089	0.0077	0.0348	0.0298	0.0821	0.0139	0.0050	0.0216	0.0358	0.0315	0.1500	0.1251	0.1611	0.0028	0.1009	0.0764	-
69	0.0016	0	0.0088	0.0076	0.0349	0.0298	0.0821	0.0139	0.0049	0.0215	0.0358	0.0315	0.15	0.1251	0.1611	0.0028	0.1009	0.0764	-
70	0.0016	0	0.0087	0.0075	0.0351	0.0298	0.0821	0.0138	0.0049	0.0215	0.0358	0.0315	0.15	0.1251	0.1611	0.0028	0.1009	0.0764	-

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

FSP/PM2.5 Running Emissions (gram/km) at different speeds

EMFAC Year: 2025

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0091	0.0000	0.0279	0.0239	0.0626	0.1127	0.2093	0.0379	0.0197	0.0598	0.1015	0.0771	0.3820	0.2605	0.3372	0.0117	0.2564	0.1965	0.1226
28	0.0040	0.0000	0.0168	0.0144	0.0392	0.0461	0.1095	0.0199	0.0103	0.0312	0.0522	0.0451	0.1999	0.1546	0.1998	0.0054	0.1342	0.1028	-
29	0.0038	0.0000	0.0164	0.0141	0.0386	0.0449	0.1071	0.0194	0.0100	0.0303	0.0506	0.0443	0.1955	0.1518	0.1962	0.0052	0.1313	0.1005	-
30	0.0037	0.0000	0.0160	0.0138	0.0381	0.0438	0.1048	0.0188	0.0097	0.0295	0.0492	0.0435	0.1914	0.1493	0.1928	0.0050	0.1285	0.0984	-
31	0.0035	0.0000	0.0156	0.0134	0.0376	0.0428	0.1027	0.0184	0.0094	0.0287	0.0478	0.0428	0.1874	0.1468	0.1897	0.0048	0.1259	0.0964	-
32	0.0034	0.0000	0.0152	0.0131	0.0371	0.0418	0.1007	0.0179	0.0092	0.0280	0.0465	0.0421	0.1837	0.1445	0.1866	0.0047	0.1234	0.0945	-
33	0.0033	0.0000	0.0149	0.0128	0.0367	0.0409	0.0987	0.0175	0.0089	0.0273	0.0453	0.0414	0.1802	0.1422	0.1837	0.0045	0.1210	0.0927	-
34	0.0032	0.0000	0.0146	0.0125	0.0363	0.0401	0.0969	0.0171	0.0087	0.0266	0.0441	0.0408	0.1769	0.1401	0.1809	0.0044	0.1188	0.0910	-
35	0.0030	0.0000	0.0142	0.0122	0.0359	0.0393	0.0952	0.0167	0.0084	0.0260	0.0431	0.0402	0.1737	0.1380	0.1783	0.0042	0.1166	0.0893	-
36	0.0029	0.0000	0.0139	0.0120	0.0355	0.0385	0.0935	0.0164	0.0082	0.0255	0.0421	0.0396	0.1706	0.1361	0.1757	0.0041	0.1146	0.0878	-
37	0.0028	0.0000	0.0136	0.0117	0.0351	0.0378	0.0919	0.0160	0.0080	0.0249	0.0412	0.0390	0.1677	0.1342	0.1733	0.0040	0.1126	0.0863	-
38	0.0028	0.0000	0.0133	0.0115	0.0348	0.0372	0.0904	0.0157	0.0078	0.0244	0.0403	0.0385	0.1649	0.1324	0.1710	0.0039	0.1108	0.0848	-
39	0.0027	0.0000	0.0130	0.0112	0.0345	0.0365	0.0889	0.0155	0.0076	0.0240	0.0395	0.0380	0.1623	0.1307	0.1687	0.0038	0.1090	0.0835	-
40	0.0026	0.0000	0.0128	0.0110	0.0342	0.0360	0.0875	0.0152	0.0074	0.0236	0.0388	0.0375	0.1597	0.1290	0.1665	0.0037	0.1072	0.0822	-
41	0.0025	0.0000	0.0125	0.0108	0.0339	0.0354	0.0862	0.0150	0.0072	0.0232	0.0382	0.0370	0.1573	0.1274	0.1645	0.0036	0.1056	0.0809	-
42	0.0024	0.0000	0.0123	0.0105	0.0337	0.0349	0.0849	0.0147	0.0071	0.0228	0.0375	0.0365	0.1549	0.1259	0.1625	0.0035	0.1040	0.0797	-
43	0.0024	0.0000	0.0120	0.0103	0.0335	0.0343	0.0836	0.0145	0.0069	0.0225	0.0370	0.0361	0.1526	0.1244	0.1605	0.0034	0.1025	0.0786	-
44	0.0023	0.0000	0.0118	0.0101	0.0332	0.0339	0.0825	0.0143	0.0068	0.0222	0.0365	0.0357	0.1505	0.1229	0.1587	0.0033	0.1010	0.0774	-
45	0.0022	0.0000	0.0116	0.0099	0.0330	0.0334	0.0813	0.0142	0.0066	0.0220	0.0360	0.0352	0.1484	0.1215	0.1569	0.0032	0.0996	0.0764	-
46	0.0022	0.0000	0.0113	0.0098	0.0329	0.0330	0.0802	0.0140	0.0065	0.0217	0.0356	0.0348	0.1463	0.1202	0.1551	0.0031	0.0983	0.0753	-
47	0.0021	0.0000	0.0111	0.0096	0.0327	0.0325	0.0791	0.0139	0.0063	0.0215	0.0352	0.0344	0.1444	0.1189	0.1534	0.0031	0.0969	0.0744	-
48	0.0021	0.0000	0.0109	0.0094	0.0325	0.0321	0.0781	0.0137	0.0062	0.0213	0.0349	0.0341	0.1425	0.1176	0.1518	0.0030	0.0957	0.0734	-
49	0.0020	0.0000	0.0107	0.0092	0.0324	0.0318	0.0771	0.0136	0.0061	0.0211	0.0346	0.0337	0.1407	0.1164	0.1502	0.0029	0.0945	0.0725	-
50	0.0020	0.0000	0.0106	0.0091	0.0323	0.0314	0.0761	0.0135	0.0060	0.0209	0.0344	0.0333	0.1389	0.1152	0.1487	0.0029	0.0933	0.0716	-
65	0.0015	0.0000	0.0085	0.0073	0.0318	0.0274	0.0755	0.0128	0.0047	0.0200	0.0329	0.0290	0.1380	0.1151	0.1482	0.0023	0.0928	0.0703	-
66	0.0015	0.0000	0.0084	0.0072	0.0319	0.0274	0.0755	0.0128	0.0047	0.0199	0.0329	0.0290	0.1380	0.1151	0.1482	0.0023	0.0928	0.0703	-
67	0.0015	0.0000	0.0083	0.0071	0.0320	0.0274	0.0755	0.0128	0.0046	0.0199	0.0329	0.0290	0.1380	0.1151	0.1482	0.0023	0.0928	0.0703	-
68	0.0015	0.0000	0.0082	0.0070	0.0321	0.0274	0.0755	0.0128	0.0046	0.0199	0.0329	0.0290	0.1380	0.1151	0.1482	0.0023	0.0928	0.0703	-
69	0.0015	0	0.0081	0.007	0.0322	0.0274	0.0755	0.0127	0.0045	0.0198	0.0329	0.029	0.138	0.1151	0.1482	0.0023	0.0928	0.0703	-
70	0.0015	0	0.008	0.0069	0.0323	0.0274	0.0755	0.0127	0.0045	0.0198	0.0329	0.029	0.138	0.1151	0.1482	0.0023	0.0928	0.0703	-

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NOx Start Emissions (gram/trips) **EMFAC Year 2025**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0867	1.0181	0.0123	0.0015	0.0440	0.0730	0.2035	0.7565	0.0391	0.2627	0.0325	0.0798	0.3031	0.3611	0.7941	0.1071	0.2230	0.1419	0.0711
10	0.0887	1.0350	0.0146	0.0016	0.0792	0.1314	0.3662	1.1479	0.0475	0.4029	0.0585	0.1437	0.5455	0.6501	1.4294	0.1199	0.4014	0.2553	0.1279
20	0.0927	1.0679	0.0187	0.0019	0.1056	0.1752	0.4883	1.8132	0.0625	0.6275	0.0779	0.1916	0.7274	0.8667	1.9058	0.1429	0.5352	0.3405	0.1706
30	0.0963	1.0997	0.0222	0.0022	0.1496	0.2482	0.6918	2.3693	0.0747	0.8242	0.1104	0.2715	1.0304	1.2279	2.6999	0.1625	0.7581	0.4823	0.2416
40	0.0996	1.1305	0.0249	0.0024	0.1848	0.3066	0.8545	2.7998	0.0844	0.9770	0.1364	0.3354	1.2729	1.5168	3.3352	0.1786	0.9365	0.5958	0.2985
50	0.1026	1.1602	0.0270	0.0025	0.2464	0.4089	1.1394	3.1267	0.0914	1.1072	0.1819	0.4471	1.6972	2.0224	4.4469	0.1913	1.2487	0.7944	0.3980
60	0.1054	1.1889	0.0283	0.0026	0.3609	0.5987	1.6684	3.3665	0.0957	1.2310	0.2663	0.6548	2.4851	2.9614	6.5116	0.2005	1.8284	1.1633	0.5828
120	0.1167	1.3232	0.0297	0.0028	0.4489	0.7447	2.0753	3.5061	0.0990	1.3121	0.3313	0.8144	3.0913	3.6837	8.0998	0.2060	2.2744	1.4470	0.7249
180	0.1284	1.4579	0.0302	0.0031	0.6601	1.0952	3.0519	3.6263	0.1090	1.4370	0.4872	1.1977	4.5460	5.4171	11.9114	0.2027	3.3447	2.1279	1.0661
240	0.1274	1.4460	0.0297	0.0030	0.8625	1.4310	3.9878	3.7347	0.1083	1.5546	0.6366	1.5650	5.9401	7.0784	15.5643	0.1971	4.3704	2.7805	1.3930
300	0.1256	1.4257	0.0290	0.0030	0.9682	1.6062	4.4761	3.7763	0.1072	1.6111	0.7145	1.7566	6.6674	7.9451	17.4701	0.1901	4.9056	3.1209	1.5636
360	0.1232	1.3972	0.0281	0.0030	1.1442	1.8983	5.2899	3.8557	0.1059	1.7084	0.8444	2.0760	7.8797	9.3897	20.6465	0.1818	5.7975	3.6884	1.8479
420	0.1200	1.3605	0.0271	0.0029	1.2586	2.0881	5.8189	3.8904	0.1041	1.7662	0.9289	2.2836	8.6677	10.3287	22.7111	0.1720	6.3772	4.0572	2.0326
480	0.1161	1.3155	0.0260	0.0028	1.3202	2.1903	6.1037	3.8857	0.1021	1.7899	0.9743	2.3954	9.0920	10.8343	23.8229	0.1609	6.6894	4.2558	2.1321
540	0.1116	1.2622	0.0247	0.0027	1.3554	2.2487	6.2665	3.8583	0.0997	1.7954	1.0003	2.4593	9.3344	11.1232	24.4581	0.1484	6.8678	4.3693	2.1890
600	0.1063	1.2007	0.0232	0.0026	1.3906	2.3071	6.4293	3.8247	0.0970	1.7988	1.0263	2.5232	9.5769	11.4121	25.0934	0.1345	7.0462	4.4828	2.2459
660	0.1003	1.1309	0.0216	0.0025	1.4082	2.3364	6.5107	3.7738	0.0940	1.7896	1.0393	2.5551	9.6981	11.5566	25.4111	0.1192	7.1354	4.5396	2.2743
720	0.0936	1.0529	0.0199	0.0024	1.4082	2.3364	6.5107	3.7056	0.0906	1.7675	1.0393	2.5551	9.6981	11.5566	25.4111	0.1025	7.1354	4.5396	2.2743
MAX	**0.1284**	**1.4579**	**0.0302**	**0.0031**	**1.4082**	**2.3364**	**6.5107**	**3.8904**	**0.1090**	**1.7988**	**1.0393**	**2.5551**	**9.6981**	**11.5566**	**25.4111**	**0.2060**	**7.1354**	**4.5396**	**2.2743**

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NO2 Start Emissions (gram/trips) **EMFAC Year 2025**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0043	0.0276	0.0006	0.0001	0.0123	0.0216	0.0247	0.0122	0.0020	0.0089	0.0091	0.0230	0.0267	0.0132	0.0449	0.0054	0.0204	0.0318	0.0235
10	0.0044	0.0281	0.0007	0.0001	0.0222	0.0389	0.0444	0.0206	0.0024	0.0156	0.0164	0.0413	0.0481	0.0238	0.0808	0.0060	0.0368	0.0572	0.0422
20	0.0046	0.0290	0.0009	0.0001	0.0296	0.0519	0.0592	0.0292	0.0031	0.0213	0.0218	0.0551	0.0641	0.0317	0.1077	0.0071	0.0490	0.0763	0.0563
30	0.0048	0.0298	0.0011	0.0001	0.0419	0.0735	0.0838	0.0401	0.0037	0.0298	0.0309	0.0781	0.0908	0.0449	0.1526	0.0081	0.0695	0.1081	0.0797
40	0.0050	0.0306	0.0012	0.0001	0.0518	0.0907	0.1036	0.0488	0.0042	0.0366	0.0382	0.0965	0.1122	0.0555	0.1886	0.0089	0.0858	0.1335	0.0985
50	0.0051	0.0315	0.0013	0.0001	0.0690	0.1210	0.1381	0.0613	0.0046	0.0476	0.0509	0.1286	0.1496	0.0740	0.2514	0.0096	0.1144	0.1780	0.1313
60	0.0053	0.0322	0.0014	0.0001	0.1010	0.1772	0.2022	0.0824	0.0048	0.0674	0.0746	0.1883	0.2191	0.1083	0.3681	0.0100	0.1675	0.2606	0.1923
120	0.0058	0.0359	0.0015	0.0001	0.1257	0.2204	0.2515	0.0983	0.0049	0.0826	0.0928	0.2342	0.2725	0.1347	0.4579	0.0103	0.2084	0.3242	0.2392
180	0.0064	0.0395	0.0015	0.0002	0.1848	0.3241	0.3699	0.1352	0.0054	0.1186	0.1364	0.3445	0.4008	0.1981	0.6734	0.0101	0.3065	0.4767	0.3518
240	0.0064	0.0392	0.0015	0.0002	0.2415	0.4235	0.4833	0.1705	0.0054	0.1531	0.1782	0.4501	0.5237	0.2589	0.8799	0.0099	0.4004	0.6229	0.4597
300	0.0063	0.0387	0.0014	0.0001	0.2711	0.4753	0.5425	0.1888	0.0054	0.1711	0.2001	0.5052	0.5879	0.2906	0.9877	0.0095	0.4495	0.6992	0.5160
360	0.0062	0.0379	0.0014	0.0001	0.3204	0.5617	0.6411	0.2194	0.0053	0.2011	0.2364	0.5971	0.6947	0.3435	1.1672	0.0091	0.5312	0.8263	0.6098
420	0.0060	0.0369	0.0014	0.0001	0.3524	0.6179	0.7052	0.2392	0.0052	0.2205	0.2601	0.6568	0.7642	0.3778	1.2840	0.0086	0.5843	0.9090	0.6708
480	0.0058	0.0357	0.0013	0.0001	0.3697	0.6482	0.7397	0.2498	0.0051	0.2310	0.2728	0.6889	0.8016	0.3963	1.3468	0.0080	0.6129	0.9535	0.7036
540	0.0056	0.0342	0.0012	0.0001	0.3795	0.6654	0.7595	0.2556	0.0050	0.2369	0.2801	0.7073	0.8230	0.4069	1.3827	0.0074	0.6292	0.9789	0.7224
600	0.0053	0.0326	0.0012	0.0001	0.3894	0.6827	0.7792	0.2614	0.0049	0.2428	0.2874	0.7257	0.8444	0.4174	1.4187	0.0067	0.6456	1.0043	0.7411
660	0.0050	0.0307	0.0011	0.0001	0.3943	0.6914	0.7891	0.2641	0.0047	0.2457	0.2910	0.7349	0.8551	0.4227	1.4366	0.0060	0.6538	1.0170	0.7505
720	0.0047	0.0285	0.0010	0.0001	0.3943	0.6914	0.7891	0.2637	0.0045	0.2455	0.2910	0.7349	0.8551	0.4227	1.4366	0.0051	0.6538	1.0170	0.7505
MAX	**0.0064**	**0.0395**	**0.0015**	**0.0002**	**0.3943**	**0.6914**	**0.7891**	**0.2641**	**0.0054**	**0.2457**	**0.2910**	**0.7349**	**0.8551**	**0.4227**	**1.4366**	**0.0103**	**0.6538**	**1.0170**	**0.7505**

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

NO Start Emissions (gram/trips) **EMFAC Year 2025**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0824	0.9905	0.0117	0.0014	0.0317	0.0514	0.1788	0.7443	0.0371	0.2538	0.0234	0.0568	0.2764	0.3479	0.7492	0.1017	0.2026	0.1101	0.0476
10	0.0843	1.0069	0.0139	0.0015	0.0570	0.0925	0.3218	1.1273	0.0451	0.3873	0.0421	0.1024	0.4974	0.6263	1.3486	0.1139	0.3646	0.1981	0.0857
20	0.0881	1.0389	0.0178	0.0018	0.0760	0.1233	0.4291	1.7840	0.0594	0.6062	0.0561	0.1365	0.6633	0.8350	1.7981	0.1358	0.4862	0.2642	0.1143
30	0.0915	1.0699	0.0211	0.0021	0.1077	0.1747	0.6080	2.3292	0.0710	0.7944	0.0795	0.1934	0.9396	1.1830	2.5473	0.1544	0.6886	0.3742	0.1619
40	0.0946	1.0999	0.0237	0.0023	0.1330	0.2159	0.7509	2.7510	0.0802	0.9404	0.0982	0.2389	1.1607	1.4613	3.1466	0.1697	0.8507	0.4623	0.2000
50	0.0975	1.1287	0.0257	0.0024	0.1774	0.2879	1.0013	3.0654	0.0868	1.0596	0.1310	0.3185	1.5476	1.9484	4.1955	0.1817	1.1343	0.6164	0.2667
60	0.1001	1.1567	0.0269	0.0025	0.2599	0.4215	1.4662	3.2841	0.0909	1.1636	0.1917	0.4665	2.2660	2.8531	6.1435	0.1905	1.6609	0.9027	0.3905
120	0.1109	1.2873	0.0282	0.0027	0.3232	0.5243	1.8238	3.4078	0.0941	1.2295	0.2385	0.5802	2.8188	3.5490	7.6419	0.1957	2.0660	1.1228	0.4857
180	0.1220	1.4184	0.0287	0.0029	0.4753	0.7711	2.6820	3.4911	0.1036	1.3184	0.3508	0.8532	4.1452	5.2190	11.2380	0.1926	3.0382	1.6512	0.7143
240	0.1210	1.4068	0.0282	0.0028	0.6210	1.0075	3.5045	3.5642	0.1029	1.4015	0.4584	1.1149	5.4164	6.8195	14.6844	0.1872	3.9700	2.1576	0.9333
300	0.1193	1.3870	0.0276	0.0029	0.6971	1.1309	3.9336	3.5875	0.1018	1.4400	0.5144	1.2514	6.0795	7.6545	16.4824	0.1806	4.4561	2.4217	1.0476
360	0.1170	1.3593	0.0267	0.0029	0.8238	1.3366	4.6488	3.6363	0.1006	1.5073	0.6080	1.4789	7.1850	9.0462	19.4793	0.1727	5.2663	2.8621	1.2381
420	0.1140	1.3236	0.0257	0.0028	0.9062	1.4702	5.1137	3.6512	0.0989	1.5457	0.6688	1.6268	7.9035	9.9509	21.4271	0.1634	5.7929	3.1482	1.3618
480	0.1103	1.2798	0.0247	0.0027	0.9505	1.5421	5.3640	3.6359	0.0970	1.5589	0.7015	1.7065	8.2904	10.4380	22.4761	0.1529	6.0765	3.3023	1.4285
540	0.1060	1.2280	0.0235	0.0026	0.9759	1.5833	5.5070	3.6027	0.0947	1.5585	0.7202	1.7520	8.5114	10.7163	23.0754	0.1410	6.2386	3.3904	1.4666
600	0.1010	1.1681	0.0220	0.0025	1.0012	1.6244	5.6501	3.5633	0.0921	1.5560	0.7389	1.7975	8.7325	10.9947	23.6747	0.1278	6.4006	3.4785	1.5048
660	0.0953	1.1002	0.0205	0.0024	1.0139	1.6450	5.7216	3.5097	0.0893	1.5439	0.7483	1.8202	8.8430	11.1339	23.9745	0.1132	6.4816	3.5226	1.5238
720	0.0889	1.0244	0.0189	0.0023	1.0139	1.6450	5.7216	3.4419	0.0861	1.5220	0.7483	1.8202	8.8430	11.1339	23.9745	0.0974	6.4816	3.5226	1.5238
MAX	**0.1220**	**1.4184**	**0.0287**	**0.0029**	**1.0139**	**1.6450**	**5.7216**	**3.6512**	**0.1036**	**1.5589**	**0.7483**	**1.8202**	**8.8430**	**11.1339**	**23.9745**	**0.1957**	**6.4816**	**3.5226**	**1.5238**

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

RSP/PM10 Start Emissions (gram/trips) **EMFAC Year 2025**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0042	0.0000	0.0000	0.0000
10	0.0008	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	0.0000
20	0.0015	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037	0.0000	0.0000	0.0000
30	0.0023	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000
40	0.0030	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0034	0.0000	0.0000	0.0000
50	0.0036	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0034	0.0000	0.0000	0.0000
60	0.0043	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000
120	0.0070	0.0000	0.0006	0.0002	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000
180	0.0079	0.0000	0.0007	0.0002	0.0000	0.0000	0.0000	0.0000	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0075	0.0000	0.0000	0.0000
240	0.0086	0.0000	0.0008	0.0002	0.0000	0.0000	0.0000	0.0000	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0089	0.0000	0.0000	0.0000
300	0.0093	0.0000	0.0009	0.0002	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0102	0.0000	0.0000	0.0000
360	0.0099	0.0000	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0113	0.0000	0.0000	0.0000
420	0.0103	0.0000	0.0011	0.0002	0.0000	0.0000	0.0000	0.0000	0.0048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0122	0.0000	0.0000	0.0000
480	0.0107	0.0000	0.0011	0.0003	0.0000	0.0000	0.0000	0.0000	0.0050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0130	0.0000	0.0000	0.0000
540	0.0110	0.0000	0.0012	0.0003	0.0000	0.0000	0.0000	0.0000	0.0051	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0136	0.0000	0.0000	0.0000
600	0.0112	0.0000	0.0012	0.0003	0.0000	0.0000	0.0000	0.0000	0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0141	0.0000	0.0000	0.0000
660	0.0113	0.0000	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0145	0.0000	0.0000	0.0000
720	0.0113	0.0000	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0147	0.0000	0.0000	0.0000
MAX	**0.0113**	**0.0000**	**0.0013**	**0.0003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0053**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0147**	**0.0000**	**0.0000**	**0.0000**

Appendix E2 - Calculations of Total Vehicle Emission (Year 2025)

FSP/PM2.5 Start Emissions (gram/trips) **EMFAC Year 2025**

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000	0.0000
10	0.0007	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000
20	0.0014	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0000
30	0.0021	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000
40	0.0028	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000
50	0.0034	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0000
60	0.0040	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000
120	0.0065	0.0000	0.0005	0.0002	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0051	0.0000	0.0000	0.0000
180	0.0073	0.0000	0.0006	0.0002	0.0000	0.0000	0.0000	0.0000	0.0036	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0063	0.0000	0.0000	0.0000
240	0.0080	0.0000	0.0007	0.0002	0.0000	0.0000	0.0000	0.0000	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0074	0.0000	0.0000	0.0000
300	0.0086	0.0000	0.0008	0.0002	0.0000	0.0000	0.0000	0.0000	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0083	0.0000	0.0000	0.0000
360	0.0091	0.0000	0.0008	0.0002	0.0000	0.0000	0.0000	0.0000	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0092	0.0000	0.0000	0.0000
420	0.0096	0.0000	0.0009	0.0002	0.0000	0.0000	0.0000	0.0000	0.0045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0099	0.0000	0.0000	0.0000
480	0.0099	0.0000	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0105	0.0000	0.0000	0.0000
540	0.0102	0.0000	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0110	0.0000	0.0000	0.0000
600	0.0104	0.0000	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0000	0.0000	0.0000
660	0.0104	0.0000	0.0011	0.0003	0.0000	0.0000	0.0000	0.0000	0.0049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0117	0.0000	0.0000	0.0000
720	0.0104	0.0000	0.0011	0.0003	0.0000	0.0000	0.0000	0.0000	0.0049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0119	0.0000	0.0000	0.0000
MAX	**0.0104**	**0.0000**	**0.0011**	**0.0003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0049**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0119**	**0.0000**	**0.0000**	**0.0000**

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr01	439.2060	68.8003	10.5136	9.6654	Hr02	400.7419	62.5172	9.4916	8.7302	Hr03	371.8635	58.0382	8.6731	7.9771	Hr04	381.1563	60.0052	8.9331	8.2164
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	29	13.5302	2.2219	0.3571	0.3272	18	9.0455	1.5675	0.2286	0.2103	11	5.0362	0.8050	0.1264	0.1163	15	6.6594	1.1681	0.1640	0.1508
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	25	13.2174	2.2070	0.3418	0.3144	16	9.0466	1.4364	0.2373	0.2183	10	5.0822	0.8116	0.1258	0.1157	13	6.5166	1.1572	0.1608	0.1479
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	22	13.6321	2.2453	0.3704	0.3385	15	9.5803	1.3998	0.2545	0.2342	9	5.0874	0.8931	0.1252	0.1152	11	7.4327	1.1178	0.2054	0.1890
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	21	13.1968	2.2116	0.3475	0.3197	14	9.6760	1.5461	0.2634	0.2424	8	5.0101	0.8835	0.1212	0.1116	10	5.5242	1.0724	0.1421	0.1307
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	29	6.0195	0.9885	0.1589	0.1456	18	4.0243	0.6974	0.1017	0.0936	11	2.2406	0.3582	0.0562	0.0517	15	2.9627	0.5197	0.0729	0.0671
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	25	5.7819	0.9655	0.1495	0.1375	16	3.9574	0.6283	0.1038	0.0955	10	2.2232	0.3550	0.0550	0.0506	13	2.8506	0.5062	0.0704	0.0647
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	1	0.0415	0.0023	0.0037	0.0035	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0065	0.0004	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0065	0.0004	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	1	0.0063	0.0003	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	1	0.0067	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	18	4.9159	0.7924	0.1282	0.1180	12	3.0412	0.4519	0.0826	0.0760	8	1.9951	0.3518	0.0483	0.0444	9	2.0083	0.3525	0.0494	0.0455
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	18	4.9692	0.7573	0.1342	0.1235	11	2.2975	0.4441	0.0599	0.0552	8	2.0712	0.3653	0.0501	0.0461	10	2.2837	0.4433	0.0587	0.0540
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	1	0.0068	0.0004	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	16	2.6884	0.4521	0.0698	0.0642	10	1.3861	0.2380	0.0334	0.0307	8	1.3073	0.2305	0.0316	0.0291	9	1.3160	0.2310	0.0324	0.0298
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	17	3.1348	0.4786	0.0841	0.0774	10	1.4447	0.2805	0.0372	0.0342	8	1.3102	0.2311	0.0317	0.0292	9	1.4360	0.2800	0.0364	0.0335
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	4	0.2907	0.0365	0.0073	0.0067	0	0.0000	0.0000	0.0000	0.0000	1	0.0040	0.0002	0.0004	0.0003	1	0.0040	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	2	0.2479	0.0324	0.0062	0.0057	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0040	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	4	0.6166	0.0775	0.0154	0.0142	1	0.0084	0.0005	0.0008	0.0007	1	0.0084	0.0005	0.0008	0.0007	1	0.0084	0.0005	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	2	0.5257	0.0686	0.0132	0.0122	1	0.0084	0.0005	0.0008	0.0007	0	0.0000	0.0000	0.0000	0.0000	1	0.0084	0.0005	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	36	13.5313	2.0885	0.3560	0.3265	22	8.9825	1.4067	0.2361	0.2172	14	5.8636	0.8779	0.1486	0.1366	17	6.3459	1.0336	0.1579	0.1453
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	30	13.2806	2.0757	0.3427	0.3152	19	8.6904	1.3227	0.2267	0.2085	12	5.0716	0.7776	0.1270	0.1168	15	6.2427	1.0252	0.1556	0.1432
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	66	18.6627	2.8936	0.4318	0.3971	66	18.6627	2.8936	0.4318	0.3971	66	18.6627	2.8936	0.4318	0.3971	66	18.6627	2.8936	0.4318	0.3971
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	66	20.1513	3.1244	0.4662	0.4288	66	20.1513	3.1244	0.4662	0.4288	66	20.1513	3.1244	0.4662	0.4288	66	20.1513	3.1244	0.4662	0.4288
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	66	55.4230	8.5933	1.2823	1.1794	66	55.4230	8.5933	1.2823	1.1794	66	55.4230	8.5933	1.2823	1.1794	66	55.4230	8.5933	1.2823	1.1794
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	132	57.9335	8.9825	1.3404	1.2328	132	57.9335	8.9825	1.3404	1.2328	132	57.9335	8.9825	1.3404	1.2328	132	57.9335	8.9825	1.3404	1.2328
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				**Hr05**	**400.7499**	**62.5176**	**9.4924**	**8.7309**	**Hr06**	**441.0340**	**69.0753**	**10.5612**	**9.7092**	**Hr07**	**835.5293**	**130.5334**	**20.3124**	**18.6663**	**Hr08**	**2802.5634**	**538.3725**	**60.6028**	**55.5878**
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	**0**	0.0000	0.0000	0.0000	0.0000	**6**	1.8695	0.2772	0.0512	0.0471	**34**	10.0830	1.4761	0.2721	0.2503	**104**	32.0806	4.7346	0.8675	0.7982
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**3**	1.0146	0.1393	0.0256	0.0236	**10**	3.0973	0.4194	0.0769	0.0708
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	**18**	9.0455	1.5675	0.2286	0.2103	**28**	13.5109	2.2209	0.3554	0.3256	**114**	58.6635	9.2548	1.4785	1.3575	**268**	123.5546	17.4987	3.2950	3.0226
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	**16**	9.0466	1.4364	0.2373	0.2183	**25**	13.2174	2.2070	0.3418	0.3144	**104**	56.2541	8.9035	1.4007	1.2871	**407**	211.3272	25.5797	5.5432	5.0778
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	**15**	9.5803	1.3998	0.2545	0.2342	**22**	13.6321	2.2453	0.3704	0.3385	**94**	61.5262	9.6267	1.5279	1.4014	**216**	178.4459	21.6189	5.0291	4.6119
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	**14**	9.6760	1.5461	0.2634	0.2424	**21**	13.1968	2.2116	0.3475	0.3197	**90**	60.2276	9.5010	1.5021	1.3798	**489**	294.0069	32.5323	7.9934	7.3159
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	**18**	4.0243	0.6974	0.1017	0.0936	**28**	6.0109	0.9880	0.1581	0.1449	**114**	26.0923	4.1164	0.6577	0.6038	**268**	54.9683	7.7850	1.4659	1.3447
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	**16**	3.9574	0.6283	0.1038	0.0955	**25**	5.7819	0.9655	0.1495	0.1375	**104**	24.6029	3.8941	0.6126	0.5629	**407**	92.4437	11.1897	2.4248	2.2213
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0415	0.0023	0.0037	0.0035	**5**	3.5637	0.8103	0.0851	0.0783	**38**	23.2033	2.8319	0.7136	0.6565
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**4**	3.5220	0.8080	0.0813	0.0748	**8**	6.7085	0.6244	0.2021	0.1861
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0065	0.0004	0.0006	0.0005	**15**	2.1553	0.3498	0.0553	0.0509	**33**	4.7309	0.6887	0.1243	0.1139
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0065	0.0004	0.0006	0.0005	**14**	2.0808	0.3425	0.0541	0.0498	**23**	2.7193	0.4018	0.0686	0.0626
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0063	0.0003	0.0006	0.0005	**15**	2.0531	0.3324	0.0524	0.0482	**32**	5.2137	0.6810	0.1412	0.1295
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0067	0.0004	0.0006	0.0006	**14**	2.1220	0.3484	0.0548	0.0504	**27**	4.5785	0.6514	0.1205	0.1104
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	**12**	3.0412	0.4519	0.0826	0.0760	**18**	4.9159	0.7924	0.1282	0.1180	**85**	23.5599	3.5752	0.5943	0.5450	**201**	65.3308	7.8720	1.8551	1.6999
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	**11**	2.2975	0.4441	0.0599	0.0552	**18**	4.9692	0.7573	0.1342	0.1235	**80**	23.4734	3.5928	0.5944	0.5460	**463**	116.9810	13.0541	3.1734	2.9029
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0068	0.0004	0.0006	0.0006	**6**	0.6202	0.1319	0.0137	0.0126	**6**	1.3158	0.2481	0.0315	0.0290
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**4**	0.5604	0.1284	0.0129	0.0119	**17**	0.8846	0.1327	0.0267	0.0245
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**2**	0.3162	0.0490	0.0081	0.0075
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	**10**	1.3861	0.2380	0.0334	0.0307	**16**	2.6884	0.4521	0.0698	0.0642	**72**	12.2246	1.9480	0.2981	0.2737	**170**	36.8375	4.3740	1.0530	0.9655
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	**10**	1.4447	0.2805	0.0372	0.0342	**17**	3.1348	0.4786	0.0841	0.0774	**69**	12.2584	1.8232	0.3069	0.2818	**358**	56.5099	6.4160	1.6086	1.4704
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**1**	0.0040	0.0002	0.0004	0.0003	**4**	0.2907	0.0365	0.0073	0.0067	**18**	1.5696	0.2445	0.0400	0.0368	**53**	4.8869	0.6259	0.1375	0.1260
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**1**	0.0040	0.0002	0.0004	0.0003	**2**	0.2479	0.0324	0.0062	0.0057	**9**	0.6683	0.1167	0.0154	0.0141	**91**	7.7137	0.8833	0.1875	0.1719
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0051	0.0003	0.0005	0.0004	**5**	0.8694	0.1347	0.0263	0.0242
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**3**	0.9303	0.1177	0.0251	0.0231	**18**	2.9957	0.3855	0.0861	0.0792
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**1**	0.0084	0.0005	0.0008	0.0007	**4**	0.6166	0.0775	0.0154	0.0142	**18**	3.3290	0.5186	0.0849	0.0781	**57**	12.1081	1.6041	0.3462	0.3174
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**1**	0.0084	0.0005	0.0008	0.0007	**2**	0.5257	0.0686	0.0132	0.0122	**13**	3.0086	0.4502	0.0766	0.0704	**120**	23.6058	2.8088	0.6255	0.5746
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	**22**	8.9825	1.4067	0.2361	0.2172	**35**	13.5177	2.0878	0.3548	0.3254	**137**	56.2873	8.6991	1.4238	1.3080	**441**	142.2783	17.7781	3.8440	3.5210
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	**19**	8.6904	1.3227	0.2267	0.2085	**30**	13.2806	2.0757	0.3427	0.3152	**122**	53.5204	8.1867	1.3411	1.2327	**384**	137.3774	17.2289	3.6523	3.3509
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	138.9365	35.9406	2.2274	2.0486
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	156.2321	38.6223	2.6275	2.4166
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	145.5284	36.9627	2.3799	2.1889
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	70.9925	25.4059	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**16**	56.3896	23.1418	0.3175	0.2920
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	**66**	18.6627	2.8936	0.4318	0.3971	**66**	18.6627	2.8936	0.4318	0.3971	**66**	18.6627	2.8936	0.4318	0.3971	**74**	63.5912	24.2584	0.4841	0.4453
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	**66**	20.1513	3.1244	0.4662	0.4288	**66**	20.1513	3.1244	0.4662	0.4288	**66**	20.1513	3.1244	0.4662	0.4288	**74**	65.2603	24.5172	0.5227	0.4808
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	**66**	55.4230	8.5933	1.2823	1.1794	**66**	55.4230	8.5933	1.2823	1.1794	**66**	55.4230	8.5933	1.2823	1.1794	**74**	104.8073	30.6489	1.4377	1.3223
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**16**	54.3912	22.8319	0.2713	0.2495
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	191.7224	44.1250	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	**132**	57.9335	8.9825	1.3404	1.2328	**132**	57.9335	8.9825	1.3404	1.2328	**132**	57.9335	8.9825	1.3404	1.2328	**148**	107.6221	31.0853	1.5029	1.3822
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr09	4061.9501	645.9855	108.6468	99.8291	Hr10	4678.0246	813.7358	132.3006	121.6469	Hr11	4517.4698	819.3642	125.4269	115.3449	Hr12	4595.1833	813.8415	126.5369	116.3763
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	119	46.2757	6.8229	1.2442	1.1448	151	63.7097	10.1605	1.7070	1.5707	161	73.0311	11.1481	1.9589	1.8024	149	64.0677	10.2080	1.7134	1.5765
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	117	50.8343	7.5650	1.3581	1.2496	132	58.3776	8.8536	1.5691	1.4437	140	59.5247	9.2724	1.5936	1.4663	172	68.8807	10.9855	1.8436	1.6963
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	518	289.0352	44.7995	7.1851	6.6014	435	273.6898	42.4222	6.6577	6.1204	529	306.0017	51.4695	7.5427	6.9365	611	303.5322	50.3012	7.2377	6.6569
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	487	327.7243	50.5552	8.3474	7.6687	304	266.2630	43.1914	6.7299	6.1892	268	229.1185	39.8590	5.7455	5.2842	294	261.3129	41.3597	6.6494	6.1157
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	379	364.5705	50.4419	8.9983	8.2633	360	325.2098	51.7488	7.6526	7.0335	444	350.4673	61.4286	8.2360	7.5724	541	364.3272	62.2190	8.3588	7.6893
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	669	361.7288	52.3155	9.3839	8.6025	584	362.8606	57.3871	8.8036	8.0779	479	347.2547	58.9664	8.1828	7.5159	422	323.4409	55.8876	7.4661	6.8628
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	518	128.5544	19.9262	3.1963	2.9364	435	121.7621	18.8733	2.9619	2.7229	529	136.0903	22.8873	3.3554	3.0859	611	134.9884	22.3701	3.2196	2.9608
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	489	143.9697	22.3789	3.6624	3.3647	300	116.7844	18.7192	2.9577	2.7202	269	100.8471	17.4732	2.5308	2.3276	294	114.0920	18.2311	2.8983	2.6656
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	50	24.3147	3.9967	0.6995	0.6443	49	28.1949	5.6330	0.7841	0.7219	37	22.8380	6.3331	0.5358	0.4926	40	43.6772	8.1317	1.2032	1.1014
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	10	7.2676	0.6397	0.2021	0.1861	15	19.8800	3.1757	0.5243	0.4823	17	11.3831	1.3650	0.2813	0.2586	31	25.3166	4.0818	0.7078	0.6514
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	4	1.0963	0.1071	0.0175	0.0161	11	1.8885	0.2786	0.0420	0.0386	6	0.8104	0.0496	0.0273	0.0233	4	0.4096	0.0126	0.0049	0.0045
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	2	0.3530	0.0096	0.0000	0.0000	7	1.0222	0.2063	0.0287	0.0264	8	1.0852	0.0756	0.0200	0.0183
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	88	10.1641	1.6308	0.2804	0.2572	85	9.5576	1.7209	0.2606	0.2396	67	8.1143	1.7259	0.2058	0.1884	70	11.4683	2.0171	0.3139	0.2874
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	31	3.9981	0.5566	0.1061	0.0972	41	7.0741	1.1121	0.1831	0.1680	48	6.0009	0.8868	0.1544	0.1417	65	8.6160	1.3534	0.2336	0.2143
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	83	10.5422	1.6869	0.2766	0.2532	88	8.6482	1.4204	0.2256	0.2071	81	9.2115	2.0376	0.2252	0.2064	68	9.7131	2.0670	0.2383	0.2183
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	43	8.1418	1.2266	0.2116	0.1943	45	6.5754	1.2320	0.1557	0.1429	62	8.5820	1.7586	0.2128	0.1953	81	9.9178	1.9441	0.2470	0.2269
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	339	128.9537	17.8821	3.1568	2.8975	306	112.8523	17.5241	2.6554	2.4395	381	122.6822	20.9625	2.8658	2.6339	462	126.7290	20.2443	2.9078	2.6725
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	558	125.8677	17.9919	3.2449	2.9743	470	129.7584	20.1306	3.1176	2.8595	409	129.4724	21.1537	3.0536	2.8053	357	112.5811	18.4056	2.5910	2.3815
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	13	2.7444	0.3672	0.0658	0.0606	34	5.7027	1.2998	0.1308	0.1203	39	6.2059	1.6352	0.1453	0.1336	34	5.5705	1.5399	0.1232	0.1132
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	40	3.6244	0.5412	0.0982	0.0898	49	5.2693	1.3433	0.1249	0.1146	29	4.1338	1.1494	0.0962	0.0881	33	6.5375	1.3300	0.1512	0.1391
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	2	0.6198	0.0972	0.0151	0.0139	2	0.0126	0.0007	0.0011	0.0011	2	0.3791	0.0554	0.0087	0.0080	6	1.1545	0.1149	0.0320	0.0294
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	2	0.6198	0.0972	0.0151	0.0139	4	0.7737	0.0947	0.0228	0.0210	3	0.4407	0.0617	0.0097	0.0089	2	0.1384	0.0135	0.0022	0.0020
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	292	65.3853	8.8502	1.6041	1.4724	270	62.4344	9.9345	1.4606	1.3420	332	60.8882	10.7735	1.3832	1.2711	394	68.2954	10.8582	1.5276	1.4036
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	454	67.9704	10.0350	1.7269	1.5841	416	71.2536	11.0060	1.7181	1.5764	358	62.9423	10.3743	1.4576	1.3387	331	56.9997	9.6695	1.2677	1.1649
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	90	12.5970	2.0418	0.3102	0.2852	81	8.8052	1.4339	0.2115	0.1946	78	11.9859	2.0807	0.3066	0.2822	121	11.8423	2.1087	0.3014	0.2773
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	117	7.0290	0.8686	0.2077	0.1901	74	6.3640	0.9896	0.1504	0.1377	49	6.9209	1.3141	0.1696	0.1561	30	3.2345	0.6241	0.0814	0.0749
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	4	0.3596	0.1321	0.0069	0.0064	2	0.0387	0.0012	0.0005	0.0004	7	0.5310	0.0809	0.0147	0.0135	6	0.1149	0.0104	0.0034	0.0031
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	10	0.6343	0.1923	0.0107	0.0098	10	1.0744	0.2323	0.0259	0.0238	19	4.5346	0.6367	0.1131	0.1041	27	6.6123	0.9282	0.1613	0.1483
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	92	27.6689	4.6668	0.6824	0.6273	83	19.0328	3.0963	0.4576	0.4211	85	26.8170	4.6566	0.6935	0.6382	127	25.8456	4.5867	0.6608	0.6079
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	126	16.2751	2.2147	0.4642	0.4249	84	15.9763	2.6360	0.3849	0.3531	68	23.5901	4.1597	0.6003	0.5524	58	19.5595	3.1989	0.4976	0.4581
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	631	287.9029	42.6718	7.2110	6.6272	567	291.3734	43.2116	7.2137	6.6329	666	313.0781	49.8130	7.7995	7.1728	780	328.6290	51.7095	8.0202	7.3766
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	604	307.1899	45.8591	7.8316	7.1969	451	293.6071	45.1523	7.4523	6.8538	426	281.2219	44.1545	7.1156	6.5441	441	289.3626	44.2888	7.3572	6.7663
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	110	43.1526	9.8925	1.6768	1.5426	284	116.1793	25.6552	4.4961	4.1364	253	97.5433	22.7038	3.7974	3.4936	245	97.1250	22.0648	3.7695	3.4679
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	110	77.7991	17.8350	3.0230	2.7812	284	209.4576	46.2533	8.1060	7.4575	253	175.8591	40.9323	6.8462	6.2985	245	175.1050	39.7803	6.7960	6.2522
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	110	59.3961	13.6162	2.3079	2.1233	284	159.9115	35.3123	6.1886	5.6935	253	134.2605	31.2500	5.2268	4.8086	245	133.6848	30.3704	5.1884	4.7733
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	110	94.5849	21.6830	3.6753	3.3812	284	254.6499	56.2329	9.8550	9.0665	253	213.8022	49.7638	8.3233	7.6574	245	212.8854	48.3632	8.2623	7.6012
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	110	78.4694	17.9886	3.0491	2.8051	284	211.2622	46.6518	8.1759	7.5217	253	177.3742	41.2849	6.9052	6.3527	245	176.6136	40.1230	6.8545	6.3061
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	11	7.9587	1.8085	0.3091	0.2844	29	21.7260	4.7895	0.8407	0.7734	26	18.2697	4.2669	0.7112	0.6543	25	17.9089	4.1085	0.6960	0.6403
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	6	5.1156	1.1608	0.1989	0.1830	15	13.2360	2.9191	0.5125	0.4715	14	11.7378	2.7132	0.4564	0.4199	14	11.7378	2.7132	0.4564	0.4199
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	6	4.2289	0.9596	0.1644	0.1513	15	10.9416	2.4131	0.4236	0.3897	14	9.7031	2.2429	0.3773	0.3471	14	9.7031	2.2429	0.3773	0.3471
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	99	75.7775	17.3886	2.9446	2.7090	255	203.6956	44.9896	7.8832	7.2525	227	170.9907	39.7836	6.6568	6.1242	220	170.5593	38.7049	6.6185	6.0890
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr13	3715.0565	646.0098	102.4712	94.2131	Hr14	4410.0904	769.7686	121.8908	112.0586	Hr15	4536.4039	825.9199	128.9011	118.5284	Hr16	4183.1572	765.7209	118.1653	108.6848
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	112	46.8079	7.1815	1.2565	1.1561	126	54.4051	8.1206	1.4558	1.3390	122	55.5025	8.3570	1.4923	1.3731	123	55.9841	8.6396	1.5037	1.3836
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	84	32.4832	5.4349	0.8599	0.7909	142	60.8651	9.2690	1.6391	1.5082	135	60.1959	9.2227	1.6159	1.4868	126	55.2368	8.4064	1.4875	1.3687
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	502	258.1717	40.1038	6.3242	5.8093	498	276.8957	45.3040	6.8613	6.3020	442	292.2363	49.0896	7.1932	6.6106	497	275.9060	48.4469	6.7348	6.1921
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	196	157.3885	26.4674	3.9377	3.6214	267	225.3120	36.3448	5.7001	5.2411	313	273.8031	47.8261	6.8257	6.2771	247	217.0024	35.9457	5.4910	5.0502
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	406	285.9140	44.8958	6.6951	6.1466	513	445.4376	74.8340	10.8353	9.9518	285	249.1886	41.7630	6.0133	5.5161	371	282.3083	49.8120	6.7807	6.2328
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	375	300.0963	46.3865	7.2053	6.6246	434	332.8407	54.0103	8.1724	7.5109	369	320.3924	53.1826	7.7278	7.1058	301	276.6442	48.0894	6.7528	6.2136
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	502	114.8582	17.8418	2.8136	2.5845	498	123.1883	20.1553	3.0525	2.8037	442	130.0133	21.8395	3.2002	2.9410	497	122.7480	21.5536	2.9962	2.7548
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	193	68.2211	11.4268	1.7072	1.5701	265	98.8885	15.9536	2.5017	2.3002	312	119.3676	20.7450	2.9788	2.7395	249	95.5453	15.8749	2.4166	2.2226
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	26	22.5188	4.8890	0.5328	0.4899	31	30.5646	6.6624	0.7435	0.6844	44	53.5574	8.8212	1.3629	1.2535	24	29.8304	6.0825	0.7308	0.6721
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	21	18.6494	4.0036	0.4374	0.4025	26	28.5624	5.8402	0.6876	0.6324	32	44.0154	8.3201	1.1247	1.0352	37	42.8325	8.1872	1.0829	0.9960
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	3	0.3522	0.0320	0.0096	0.0089	1	0.2950	0.0288	0.0047	0.0043	2	3.2668	0.4319	0.0790	0.0727	2	0.0531	0.0029	0.0049	0.0044
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	6	0.8897	0.0833	0.0204	0.0187	4	0.6485	0.0476	0.0254	0.0217	1	0.0265	0.0014	0.0024	0.0022	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	46	7.2305	1.2330	0.1882	0.1727	65	9.2586	1.5779	0.2426	0.2222	60	11.8459	1.9313	0.3062	0.2815	42	7.0841	1.3416	0.1789	0.1641
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	39	6.0546	0.9485	0.1643	0.1507	80	12.8768	2.1766	0.3464	0.3176	50	9.9325	1.7928	0.2583	0.2373	54	9.7702	1.7788	0.2520	0.2315
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	50	8.1715	1.4253	0.2056	0.1888	69	8.9030	1.5552	0.2295	0.2102	56	8.4498	1.7072	0.2088	0.1918	50	8.1244	1.5466	0.2008	0.1844
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	61	9.5623	1.9241	0.2370	0.2175	86	12.4765	2.0938	0.3204	0.2934	46	8.1329	1.7466	0.1948	0.1785	56	9.5916	1.8353	0.2426	0.2229
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	341	98.3183	15.3120	2.2644	2.0774	424	153.8203	25.0505	3.7248	3.4207	243	84.2092	13.4999	2.0401	1.8715	319	96.4798	16.3708	2.3075	2.1208
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	333	110.6943	16.7454	2.6439	2.4299	356	117.8389	18.1739	2.8825	2.6489	317	118.1984	18.9247	2.8513	2.6208	261	100.2081	16.9814	2.4359	2.2405
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	41	4.0276	0.6432	0.0990	0.0911	33	4.8071	1.3486	0.1126	0.1035	27	5.2642	1.2692	0.1235	0.1132	31	4.5245	1.1351	0.1044	0.0956
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	26	3.3766	0.8056	0.0735	0.0677	39	5.7735	1.4349	0.1361	0.1252	29	4.6280	1.2802	0.1054	0.0970	23	4.4711	0.9604	0.1107	0.1019
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.6283	0.1344	0.0144	0.0133	9	2.0193	0.2631	0.0521	0.0479	8	2.0535	0.3031	0.0512	0.0471	3	0.4751	0.1167	0.0114	0.0105
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.5524	0.1322	0.0127	0.0117	5	1.3535	0.1601	0.0348	0.0320	6	1.4133	0.2015	0.0352	0.0324	7	1.4020	0.2911	0.0327	0.0301
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	301	51.7531	8.1762	1.1658	1.0699	405	86.3784	14.3990	2.0693	1.8998	217	45.0321	7.3269	1.0747	0.9864	270	52.2179	9.1357	1.2306	1.1312
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	283	57.7204	8.7893	1.3541	1.2454	307	61.9165	9.5031	1.5050	1.3827	278	60.9067	9.9582	1.4495	1.3331	222	53.1324	8.8784	1.2830	1.1800
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	75	8.3294	1.2659	0.2052	0.1884	64	9.7593	1.5166	0.2414	0.2218	55	7.2772	1.3024	0.1818	0.1668	80	8.6638	1.3474	0.2202	0.2027
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	32	3.6759	0.5840	0.0869	0.0800	40	5.5316	0.9083	0.1357	0.1248	41	5.8424	0.9435	0.1450	0.1331	48	5.0043	0.9651	0.1219	0.1122
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	3	0.0574	0.0052	0.0017	0.0015	4	0.0625	0.0055	0.0021	0.0020	4	0.1047	0.0098	0.0024	0.0022	9	0.1705	0.0129	0.0045	0.0042
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	9	1.8015	0.2525	0.0431	0.0397	13	2.8406	0.4363	0.0683	0.0628	12	2.2867	0.3369	0.0558	0.0514	11	1.4876	0.2331	0.0350	0.0322
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	74	17.2472	2.6365	0.4314	0.3954	61	18.8282	2.8107	0.4701	0.4327	57	15.6318	2.8021	0.3936	0.3613	85	18.7481	2.9128	0.4794	0.4413
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	69	15.2873	2.3535	0.3963	0.3635	66	15.0593	2.5112	0.3782	0.3478	54	17.2961	2.7772	0.4384	0.4030	57	13.9589	2.6022	0.3446	0.3172
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	583	236.1914	36.5127	5.8261	5.3536	633	295.1858	45.3981	7.3985	6.7986	571	303.1795	47.7806	7.5579	6.9476	618	284.0182	46.1085	7.0467	6.4798
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	303	186.1744	28.8060	4.7028	4.3250	387	250.7174	37.7692	6.3807	5.8672	428	280.2731	45.0716	7.0565	6.4896	366	243.2325	37.6999	6.1786	5.6824
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	198	77.4315	17.8202	3.0081	2.7674	215	84.6829	19.3205	3.2911	3.0278	293	112.3460	26.2145	4.3813	4.0308	256	98.9091	22.9663	3.8507	3.5426
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	198	139.5999	32.1278	5.4232	4.9893	215	152.6734	34.8327	5.9334	5.4587	293	202.5467	47.2616	7.8990	7.2670	256	178.3215	41.4055	6.9424	6.3869
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	198	106.5782	24.5281	4.1403	3.8091	215	116.5593	26.5932	4.5299	4.1675	293	154.6353	36.0821	6.0305	5.5480	256	136.1405	31.6112	5.3002	4.8761
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	198	169.7197	39.0596	6.5933	6.0658	215	185.6140	42.3481	7.2136	6.6365	293	246.2478	57.4587	9.6032	8.8349	256	216.7959	50.3391	8.4402	7.7650
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	198	140.8026	32.4045	5.4699	5.0323	215	153.9888	35.1328	5.9846	5.5058	293	204.2917	47.6688	7.9670	7.3296	256	179.8578	41.7622	7.0022	6.4420
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	19	13.5724	3.1244	0.5274	0.4852	22	15.9175	3.6170	0.6182	0.5687	29	20.4127	4.7456	0.7957	0.7320	27	18.9840	4.4265	0.7393	0.6802
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	10	8.5459	1.9452	0.3314	0.3049	11	9.3886	2.1334	0.3646	0.3355	15	12.5805	2.9014	0.4896	0.4505	14	11.7378	2.7132	0.4564	0.4199
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	10	7.0645	1.6080	0.2740	0.2520	11	7.7611	1.7636	0.3014	0.2773	15	10.3997	2.3984	0.4048	0.3724	14	9.7031	2.2429	0.3773	0.3471
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	179	136.7293	31.4662	5.3115	4.8866	193	148.3865	33.8702	5.7673	5.3059	264	197.6121	46.1289	7.7070	7.0904	231	174.0437	40.4655	6.7771	6.2349
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486	135	96.2701	14.9266	2.2274	2.0486
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166	135	113.5657	17.6083	2.6275	2.4166
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889	135	102.8620	15.9487	2.3799	2.1889
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028	35	28.3261	4.3919	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920	16	13.7232	2.1278	0.3175	0.2920
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453	74	20.9248	3.2444	0.4841	0.4453
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808	74	22.5939	3.5032	0.5227	0.4808
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223	74	62.1409	9.6349	1.4377	1.3223
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495	16	11.7248	1.8179	0.2713	0.2495
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718	132	149.0560	23.1110	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822	148	64.9557	10.0713	1.5029	1.3822
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806	17	8.1028	1.5338	0.3050	0.2806
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673	17	4.8322	0.9147	0.1819	0.1673
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679	17	36.6113	6.9300	1.3782	1.2679
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971	17	46.1177	8.7295	1.7360	1.5971

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				**Hr17**	**4121.9910**	**725.2694**	**115.6034**	**106.2598**	**Hr18**	**4562.1236**	**759.3154**	**133.8155**	**122.8387**	**Hr19**	**1963.9365**	**322.1609**	**52.8743**	**48.4936**	**Hr20**	**1665.4263**	**231.3952**	**42.8471**	**39.3139**
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	**112**	49.5819	7.4953	1.3283	1.2222	**45**	20.7078	3.0522	0.5546	0.5101	**1**	0.4882	0.0700	0.0130	0.0120	**0**	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	**133**	55.3308	8.2850	1.4911	1.3720	**85**	32.0964	4.7287	0.8648	0.7955	**26**	2.7258	0.3700	0.0813	0.0748	**0**	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	**536**	255.9557	42.7753	6.2875	5.7734	**847**	317.5525	44.5051	8.5278	7.7974	**329**	132.4354	20.2098	3.3731	3.0824	**256**	100.6865	12.5870	2.6382	2.4136
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	**249**	221.2588	36.7032	5.5776	5.1297	**244**	211.2334	35.0003	5.3813	4.9494	**48**	28.7382	5.5083	0.7081	0.6513	**211**	98.6426	12.1113	2.5270	2.3172
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	**483**	313.3952	53.5601	7.6919	7.0477	**740**	425.6729	55.1300	11.7046	10.6884	**438**	224.3046	32.0378	6.2589	5.7143	**262**	133.1265	15.8902	3.7205	3.3979
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	**328**	331.0711	48.7262	8.4584	7.7735	**302**	317.6971	43.5200	8.2913	7.6198	**203**	130.5191	19.2938	3.2575	2.9823	**177**	142.3124	16.0916	3.6304	3.3298
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	**536**	113.8320	19.0241	2.7966	2.5678	**847**	141.2195	19.7901	3.7930	3.4680	**329**	58.9015	8.9888	1.5002	1.3712	**256**	44.7945	5.5998	1.1737	1.0738
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	**250**	96.7866	16.1691	2.4370	2.2413	**241**	92.9020	15.1478	2.3715	2.1812	**47**	12.5628	2.4091	0.3090	0.2842	**220**	43.2272	5.3022	1.1121	1.0199
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**23**	28.5039	7.0907	0.6811	0.6264	**37**	56.9943	10.0174	1.4441	1.3280	**12**	18.0564	3.0561	0.4606	0.4237	**1**	2.0464	0.3210	0.0499	0.0459
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**37**	29.8883	6.7797	0.7521	0.6917	**55**	62.0978	12.0032	1.5947	1.4673	**18**	19.3146	3.7834	0.4882	0.4492	**4**	3.5220	0.8080	0.0813	0.0748
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**2**	1.9154	0.1904	0.0612	0.0563	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**4**	0.8737	0.0841	0.0160	0.0147	**0**	0.0000	0.0000	0.0000	0.0000	**3**	5.1992	0.6281	0.1395	0.1284	**0**	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**44**	7.9446	1.6381	0.2015	0.1850	**51**	11.3789	1.9817	0.2942	0.2702	**37**	4.6078	0.7673	0.1325	0.1206	**20**	3.7033	0.5014	0.1043	0.0959
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**62**	8.7985	1.6778	0.2314	0.2119	**78**	14.3911	2.6732	0.3790	0.3484	**38**	5.1284	0.8723	0.1438	0.1318	**19**	3.2134	0.4520	0.0890	0.0819
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	**48**	8.0988	1.6304	0.2029	0.1863	**45**	9.1643	1.5027	0.2360	0.2167	**34**	4.2154	0.7069	0.1174	0.1072	**20**	3.5258	0.4757	0.0985	0.0907
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	**68**	8.7396	1.9128	0.2180	0.1991	**83**	14.2791	2.4270	0.3747	0.3438	**40**	5.3606	0.9400	0.1447	0.1327	**19**	3.2741	0.4590	0.0900	0.0829
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	**400**	105.1155	17.3271	2.5563	2.3433	**635**	144.1646	17.3849	4.0140	3.6621	**374**	77.4435	11.0795	2.1095	1.9233	**249**	51.3140	6.0915	1.4266	1.3035
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	**276**	116.8864	16.4529	3.0043	2.7604	**260**	114.8819	15.5062	3.0038	2.7592	**181**	49.1407	7.0959	1.2039	1.1014	**170**	57.1943	6.4808	1.4478	1.3278
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	**39**	5.5779	1.0550	0.1467	0.1345	**39**	3.6176	0.6831	0.0878	0.0803	**40**	2.3213	0.2156	0.0871	0.0797	**7**	0.3274	0.0586	0.0113	0.0100
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	**28**	5.7452	1.0380	0.1376	0.1266	**17**	3.5200	0.4348	0.0903	0.0831	**3**	0.1170	0.0410	0.0046	0.0042	**0**	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**5**	0.8591	0.2662	0.0184	0.0170	**4**	0.1528	0.0144	0.0034	0.0031	**5**	0.6613	0.3038	0.0139	0.0128	**1**	0.4448	0.0444	0.0138	0.0127
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**6**	1.2501	0.2823	0.0325	0.0299	**2**	0.0126	0.0007	0.0011	0.0011	**5**	0.6613	0.3038	0.0139	0.0128	**0**	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	**349**	61.2295	10.0034	1.4724	1.3501	**456**	71.8586	9.5042	2.0407	1.8637	**326**	47.7579	6.9056	1.2764	1.1645	**197**	30.2397	3.4601	0.8244	0.7541
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	**236**	56.8157	8.0154	1.4082	1.2939	**249**	68.9222	9.4581	1.8402	1.6909	**170**	28.1988	4.2423	0.7121	0.6513	**149**	30.6001	3.5394	0.7600	0.6994
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**83**	5.6405	0.9968	0.1393	0.1278	**201**	18.4127	2.0249	0.5466	0.5000	**55**	2.6461	0.3358	0.0850	0.0775	**74**	6.0862	0.6858	0.1839	0.1685
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**46**	5.9423	0.8194	0.1608	0.1477	**23**	3.3977	0.4780	0.0742	0.0680	**12**	1.2468	0.1089	0.0229	0.0211	**24**	2.8436	0.2877	0.0656	0.0593
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**13**	1.2141	0.2026	0.0333	0.0306	**14**	1.7922	0.2764	0.0557	0.0513	**6**	0.3888	0.0377	0.0136	0.0125	**9**	0.8979	0.1372	0.0284	0.0262
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**19**	4.4738	0.6709	0.1227	0.1128	**8**	2.9336	0.2943	0.0916	0.0843	**4**	0.6551	0.0773	0.0180	0.0165	**7**	1.6249	0.2080	0.0484	0.0445
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**94**	14.7683	2.6084	0.3782	0.3467	**214**	43.1016	4.7306	1.3009	1.1908	**59**	5.8196	0.7351	0.1874	0.1710	**81**	14.1108	1.6801	0.4303	0.3952
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**66**	23.0670	3.3282	0.6450	0.5927	**30**	12.1020	1.4323	0.3152	0.2895	**16**	3.7686	0.3643	0.0798	0.0734	**33**	8.8686	0.8912	0.2314	0.2101
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	**663**	271.5060	42.2263	6.7724	6.2222	**929**	276.6951	38.3028	7.3857	6.7526	**356**	98.9008	14.9274	2.5331	2.3158	**258**	53.1646	6.7889	1.5066	1.3769
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	**359**	237.4280	36.9778	6.0090	5.5262	**284**	183.0287	28.7715	4.6780	4.3025	**48**	21.0565	3.9845	0.5188	0.4771	**151**	43.8270	5.9485	1.0773	0.9877
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	**221**	86.2263	19.8272	3.3552	3.0868	**274**	106.7448	24.5545	4.1562	3.8237	**51**	18.2169	4.5624	0.7131	0.6561	**0**	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	**221**	155.4560	35.7462	6.0491	5.5652	**274**	192.4484	44.2689	7.4932	6.8937	**51**	32.8429	8.2255	1.2857	1.1828	**0**	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	**221**	118.6837	27.2906	4.6182	4.2487	**274**	146.9257	33.7973	5.7207	5.2630	**51**	25.0741	6.2798	0.9816	0.9030	**0**	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	**221**	188.9969	43.4587	7.3543	6.7659	**274**	233.9708	53.8203	9.1099	8.3811	**51**	39.9291	10.0002	1.5631	1.4380	**0**	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	**221**	156.7953	36.0541	6.1012	5.6131	**274**	194.1064	44.6503	7.5578	6.9531	**51**	33.1259	8.2963	1.2968	1.1930	**0**	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	**21**	15.0011	3.4435	0.5837	0.5370	**27**	19.3376	4.4276	0.7523	0.6921	**6**	3.9829	0.9829	0.1556	0.1432	**0**	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	**11**	9.3886	2.1334	0.3646	0.3355	**15**	12.5805	2.9014	0.4896	0.4505	**3**	2.3492	0.5798	0.0918	0.0845	**0**	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	**11**	7.7611	1.7636	0.3014	0.2773	**15**	10.3997	2.3984	0.4048	0.3724	**3**	1.9420	0.4793	0.0759	0.0698	**0**	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	**200**	152.3801	35.0451	5.9294	5.4551	**247**	187.8211	43.2265	7.3137	6.7286	**45**	31.3237	7.8606	1.2265	1.1284	**0**	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	**135**	96.2701	14.9266	2.2274	2.0486	**135**	96.2701	14.9266	2.2274	2.0486	**135**	96.2701	14.9266	2.2274	2.0486	**135**	96.2701	14.9266	2.2274	2.0486
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	**135**	113.5657	17.6083	2.6275	2.4166	**135**	113.5657	17.6083	2.6275	2.4166	**135**	113.5657	17.6083	2.6275	2.4166	**135**	113.5657	17.6083	2.6275	2.4166
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	**135**	102.8620	15.9487	2.3799	2.1889	**135**	102.8620	15.9487	2.3799	2.1889	**135**	102.8620	15.9487	2.3799	2.1889	**135**	102.8620	15.9487	2.3799	2.1889
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	**16**	13.7232	2.1278	0.3175	0.2920	**16**	13.7232	2.1278	0.3175	0.2920	**16**	13.7232	2.1278	0.3175	0.2920	**16**	13.7232	2.1278	0.3175	0.2920
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	**74**	20.9248	3.2444	0.4841	0.4453	**74**	20.9248	3.2444	0.4841	0.4453	**74**	20.9248	3.2444	0.4841	0.4453	**74**	20.9248	3.2444	0.4841	0.4453
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	**74**	22.5939	3.5032	0.5227	0.4808	**74**	22.5939	3.5032	0.5227	0.4808	**74**	22.5939	3.5032	0.5227	0.4808	**74**	22.5939	3.5032	0.5227	0.4808
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	**74**	62.1409	9.6349	1.4377	1.3223	**74**	62.1409	9.6349	1.4377	1.3223	**74**	62.1409	9.6349	1.4377	1.3223	**74**	62.1409	9.6349	1.4377	1.3223
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	**16**	11.7248	1.8179	0.2713	0.2495	**16**	11.7248	1.8179	0.2713	0.2495	**16**	11.7248	1.8179	0.2713	0.2495	**16**	11.7248	1.8179	0.2713	0.2495
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	**148**	64.9557	10.0713	1.5029	1.3822	**148**	64.9557	10.0713	1.5029	1.3822	**148**	64.9557	10.0713	1.5029	1.3822	**148**	64.9557	10.0713	1.5029	1.3822
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	**17**	8.1028	1.5338	0.3050	0.2806	**17**	8.1028	1.5338	0.3050	0.2806	**17**	8.1028	1.5338	0.3050	0.2806	**17**	8.1028	1.5338	0.3050	0.2806
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	**17**	4.8322	0.9147	0.1819	0.1673	**17**	4.8322	0.9147	0.1819	0.1673	**17**	4.8322	0.9147	0.1819	0.1673	**17**	4.8322	0.9147	0.1819	0.1673
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	**17**	36.6113	6.9300	1.3782	1.2679	**17**	36.6113	6.9300	1.3782	1.2679	**17**	36.6113	6.9300	1.3782	1.2679	**17**	36.6113	6.9300	1.3782	1.2679
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	**17**	46.1177	8.7295	1.7360	1.5971	**17**	46.1177	8.7295	1.7360	1.5971	**17**	46.1177	8.7295	1.7360	1.5971	**17**	46.1177	8.7295	1.7360	1.5971

Appendix E2 - Calculations of Total Vehicle Emission over 24 Hours (Year 2025)

Year	2025			Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr21	1085.9650	154.2433	25.1853	23.1350	Hr22	955.0892	135.2631	21.4019	19.6698	Hr23	786.6596	116.8125	18.0081	16.5489	Hr24	477.5470	72.5381	11.2078	10.3011
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	**125**	45.3398	5.8873	1.0889	0.9983	**79**	31.9871	3.7582	0.6889	0.6314	**42**	9.8733	1.1737	0.2224	0.2035	**39**	18.4102	3.0114	0.4812	0.4414
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	**108**	44.0029	5.6516	1.0256	0.9412	**69**	30.4522	3.4204	0.6361	0.5840	**37**	9.6447	1.0734	0.2072	0.1894	**37**	21.6874	3.2091	0.5172	0.4758
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	**115**	71.2296	7.9201	1.5996	1.4680	**56**	40.4454	4.6413	0.7623	0.6971	**33**	23.6097	2.0294	0.4857	0.4447	**36**	26.4497	3.7224	0.6267	0.5744
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	**106**	55.5148	6.6281	1.3354	1.2229	**80**	48.6833	4.8717	1.0740	0.9864	**47**	12.2292	1.4388	0.2650	0.2420	**36**	26.7368	3.8815	0.6371	0.5839
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	**125**	20.1642	2.6183	0.4844	0.4440	**79**	14.2308	1.6720	0.3065	0.2809	**42**	4.3925	0.5222	0.0990	0.0905	**39**	8.1905	1.3397	0.2141	0.1964
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	**108**	19.2432	2.4716	0.4486	0.4116	**69**	13.3211	1.4962	0.2783	0.2555	**37**	4.2190	0.4695	0.0907	0.0829	**37**	9.4870	1.4038	0.2263	0.2081
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**9**	1.4089	0.2607	0.0354	0.0326	**3**	0.2656	0.0766	0.0042	0.0039	**2**	0.0781	0.0073	0.0017	0.0016	**0**	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**9**	1.0286	0.1145	0.0294	0.0271	**9**	0.5306	0.1526	0.0138	0.0123	**1**	0.0065	0.0004	0.0006	0.0005	**0**	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	**10**	1.5117	0.3180	0.0371	0.0341	**4**	0.4112	0.1406	0.0072	0.0066	**2**	0.0758	0.0071	0.0017	0.0015	**0**	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	**9**	1.0584	0.1175	0.0302	0.0278	**13**	1.0212	0.3117	0.0260	0.0231	**2**	0.0685	0.0064	0.0016	0.0015	**0**	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	**110**	27.9665	3.1390	0.6160	0.5652	**48**	14.4189	1.2666	0.2569	0.2365	**31**	8.4455	0.7232	0.1620	0.1482	**29**	9.2461	1.2193	0.2196	0.2012
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	**100**	21.6547	2.3094	0.5184	0.4745	**81**	18.8096	1.6539	0.4026	0.3697	**44**	4.9667	0.5997	0.1087	0.0993	**27**	9.4540	1.2592	0.2187	0.2012
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	**4**	0.1200	0.0080	0.0022	0.0020	**0**	0.0000	0.0000	0.0000	0.0000	**3**	0.5297	0.0493	0.0154	0.0142	**1**	0.0068	0.0004	0.0006	0.0006
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	**3**	0.1240	0.0087	0.0018	0.0016	**1**	0.4712	0.0470	0.0146	0.0134	**2**	0.0507	0.0016	0.0006	0.0006	**1**	0.0067	0.0004	0.0006	0.0006
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	**100**	14.9738	1.8677	0.3510	0.3225	**41**	7.6459	0.7319	0.1451	0.1336	**28**	4.8852	0.3988	0.0917	0.0838	**21**	3.4256	0.5755	0.0905	0.0832
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	**98**	14.1803	1.5153	0.3472	0.3179	**74**	9.5206	0.8398	0.2150	0.1974	**41**	3.0240	0.3759	0.0680	0.0621	**21**	3.4512	0.5784	0.0909	0.0836
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**12**	2.4315	0.1508	0.0422	0.0385	**6**	0.7792	0.0435	0.0104	0.0096	**3**	0.3093	0.0368	0.0065	0.0060	**1**	0.0040	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**3**	0.0571	0.0017	0.0004	0.0003	**6**	1.0465	0.0965	0.0174	0.0160	**3**	0.0571	0.0017	0.0004	0.0003	**1**	0.0040	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**1**	0.0051	0.0003	0.0005	0.0004	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0336	0.0009	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**11**	3.7535	0.2400	0.0692	0.0631	**6**	1.6527	0.0923	0.0221	0.0203	**3**	0.6560	0.0781	0.0138	0.0127	**1**	0.0084	0.0005	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**3**	0.1211	0.0035	0.0008	0.0007	**6**	2.2196	0.2046	0.0370	0.0340	**3**	0.1211	0.0035	0.0008	0.0007	**1**	0.0084	0.0005	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	**124**	29.0735	3.6409	0.6632	0.6087	**53**	13.6466	1.4167	0.2572	0.2349	**40**	7.7691	0.6870	0.1698	0.1527	**29**	5.7849	0.6224	0.1343	0.1227
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	**118**	24.8583	2.9845	0.5829	0.5311	**88**	17.3526	1.9422	0.3513	0.3226	**45**	5.5042	0.7426	0.1197	0.1093	**25**	5.6328	0.6164	0.1231	0.1133
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	**135**	96.2701	14.9266	2.2274	2.0486	**135**	96.2701	14.9266	2.2274	2.0486	**135**	96.2701	14.9266	2.2274	2.0486	**0**	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	**135**	113.5657	17.6083	2.6275	2.4166	**135**	113.5657	17.6083	2.6275	2.4166	**135**	113.5657	17.6083	2.6275	2.4166	**0**	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	**135**	102.8620	15.9487	2.3799	2.1889	**135**	102.8620	15.9487	2.3799	2.1889	**135**	102.8620	15.9487	2.3799	2.1889	**0**	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028	**35**	28.3261	4.3919	0.6554	0.6028
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	**16**	13.7232	2.1278	0.3175	0.2920	**16**	13.7232	2.1278	0.3175	0.2920	**16**	13.7232	2.1278	0.3175	0.2920	**0**	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	**74**	20.9248	3.2444	0.4841	0.4453	**74**	20.9248	3.2444	0.4841	0.4453	**74**	20.9248	3.2444	0.4841	0.4453	**66**	18.6627	2.8936	0.4318	0.3971
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	**74**	22.5939	3.5032	0.5227	0.4808	**74**	22.5939	3.5032	0.5227	0.4808	**74**	22.5939	3.5032	0.5227	0.4808	**66**	20.1513	3.1244	0.4662	0.4288
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	**74**	62.1409	9.6349	1.4377	1.3223	**74**	62.1409	9.6349	1.4377	1.3223	**74**	62.1409	9.6349	1.4377	1.3223	**66**	55.4230	8.5933	1.2823	1.1794
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	**16**	11.7248	1.8179	0.2713	0.2495	**16**	11.7248	1.8179	0.2713	0.2495	**16**	11.7248	1.8179	0.2713	0.2495	**0**	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718	**132**	149.0560	23.1110	3.4487	3.1718
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	**148**	64.9557	10.0713	1.5029	1.3822	**148**	64.9557	10.0713	1.5029	1.3822	**148**	64.9557	10.0713	1.5029	1.3822	**132**	57.9335	8.9825	1.3404	1.2328
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

Trips extracted from EMFAC-HK — **EMFAC Year** 2028

Hong Kong SAR Trips-per-Day by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	1016708	17168.78	0	**1033876.78**
02 - Taxi	8.841095	0	73199.81	**73208.6511**
03 - Light Goods Vehicles<=2.5t	78.30411	2309.648	0	**2387.95211**
04 - Lt Goods Vehicles 2.5-3.5t	5768.068	222884.3	0	**228652.368**
05 - Light Goods Vehicles>3.5t	0	82106.63	0	**82106.63**
06 - Medium Goods Vehicles<=15t	0	52825	0	**52825**
07 - Medium Goods Vehicles15-24t	0	103846.5	0	**103846.5**
08 - Public Light Buses	0	11977.6	5315.465	**17293.065**
09 - Private Light Bus <=3.5t	271.0139	1165.386	0	**1436.3999**
10 - Private Light Bus >3.5t	13.03383	9623.909	1575.943	**11212.8858**
11 - Non-franchised Bus<=6.4t	0	10185.96	0	**10185.96**
12 - Non-franchised Bus 6.4-15t	0	7066.586	0	**7066.586**
13 - Non-franchised Bus 15-24t	0	15512.9	0	**15512.9**
14 - Franchised Bus (SD)	0	2933.663	0	**2933.663**
15 - Franchised Bus (DD)	0	62351.05	0	**62351.05**
16 - Motorcycles (MC)	419191.7	0	0	**419191.7**
17 - Heavy Goods Vehicles>24t	0	27129.31	0	**27129.31**
18 - Non-franchised Bus >24t	0	7.9984	0	**7.9984**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

VKT extracted from EMFAC-HK — **EMFAC Year** 2028

Hong Kong SAR VKT by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	19546052	317129.9	0	**19863181.9**
02 - Taxi	949.9673	0	7865251	**7866200.97**
03 - Light Goods Vehicles<=2.5t	1236.365	37921.54	0	**39157.905**
04 - Lt Goods Vehicles 2.5-3.5t	91697.56	3675723	0	**3767420.56**
05 - Light Goods Vehicles>3.5t	0	1944298	0	**1944298**
06 - Medium Goods Vehicles<=15t	0	1126908	0	**1126908**
07 - Medium Goods Vehicles15-24t	0	2223050	0	**2223050**
08 - Public Light Buses	0	721954.1	320327.6	**1042281.7**
09 - Private Light Bus <=3.5t	5630.522	38475.32	0	**44105.842**
10 - Private Light Bus >3.5t	244.5694	267357.2	29871.81	**297473.579**
11 - Non-franchised Bus<=6.4t	0	313702.4	0	**313702.4**
12 - Non-franchised Bus 6.4-15t	0	212165.8	0	**212165.8**
13 - Non-franchised Bus 15-24t	0	464417.1	0	**464417.1**
14 - Franchised Bus (SD)	0	49208.75	0	**49208.75**
15 - Franchised Bus (DD)	0	1270288	0	**1270288**
16 - Motorcycles (MC)	1160788	0	0	**1160788**
17 - Heavy Goods Vehicles>24t	0	580799.4	0	**580799.4**
18 - Non-franchised Bus >24t	0	239.7139	0	**239.7139**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

EMFAC Year 2028

Trips per VKT	
PC	**0.363004**
TAXI	**0.064907**
LGV3	**0.425302**
LGV4	**0.423275**
LGV6	**0.294515**
HGV7	**0.326921**
HGV8	**0.325787**
PLB	**0.115712**
PV4	**0.227128**
PV5	**0.262882**
NFB6	**0.226452**
NFB7	**0.232287**
NFB8	**0.232957**
FBSD	**0.415776**
FBDD	**0.342321**
MC	**2.518554**
HGV9	**0.325765**
NFB9	**0.232703**

HKO Met Data

2022 Tuen Mun Children and Juvenile Home HKO Automatic Weather Station

TEMP (°C)	**7**
RH (%)	**18**

2022 Traffic Census

Region	Major Road Network	Minor Road Network	All Road Network
HKI	4694332	1008295	5702627
KLN	6942512	1041185	7983697
NT	21261219	3457253	24718472
Subtotal	32898063	5506733	38404796
% Share	85.66%	**14.34%**	100.00%

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NOx Running Emissions (gram/km) at different speeds

EMFAC Year: 2028

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0418	1.0440	2.0574	1.9986	2.2801	3.7150	6.1904	1.4403	1.5249	1.4211	2.3986	3.4259	7.8693	6.1706	12.3862	0.3455	7.2756	4.2516	6.8622
27	0.0296	0.5630	1.0978	1.0424	1.3327	2.1358	2.5404	0.8799	0.7479	0.7744	1.2565	1.8911	3.2242	2.8075	5.2606	0.2773	3.1342	1.2410	-
28	0.0291	0.5507	1.0655	1.0098	1.3030	2.0879	2.4562	0.8624	0.7198	0.7570	1.2271	1.8421	3.1172	2.7270	5.1038	0.2744	3.0372	1.1770	-
29	0.0286	0.5390	1.0345	0.9783	1.2747	2.0421	2.3777	0.8457	0.6928	0.7406	1.1994	1.7952	3.0173	2.6515	4.9571	0.2716	2.9464	1.1178	-
30	0.0282	0.5280	1.0047	0.9481	1.2476	1.9984	2.3042	0.8298	0.6667	0.7250	1.1732	1.7502	2.9238	2.5806	4.8196	0.2688	2.8613	1.0629	-
31	0.0277	0.5175	0.9342	0.8735	1.1998	1.9267	2.2352	0.8145	0.5938	0.7103	1.1485	1.6596	2.8361	2.5139	4.6902	0.2662	2.7813	1.0119	-
32	0.0273	0.5075	0.9088	0.8478	1.1760	1.8882	2.1705	0.8000	0.5719	0.6962	1.1250	1.6206	2.7538	2.4510	4.5685	0.2636	2.7061	0.9645	-
33	0.0269	0.4979	0.8850	0.8237	1.1536	1.8517	2.1095	0.7861	0.5515	0.6829	1.1027	1.5840	2.6762	2.3915	4.4535	0.2612	2.6351	0.9202	-
34	0.0265	0.4888	0.8626	0.8012	1.1323	1.8172	2.0520	0.7727	0.5325	0.6702	1.0814	1.5494	2.6031	2.3352	4.3449	0.2588	2.5681	0.8789	-
35	0.0261	0.4802	0.8416	0.7800	1.1122	1.7845	1.9977	0.7600	0.5147	0.6581	1.0612	1.5168	2.5341	2.2818	4.2420	0.2565	2.5047	0.8402	-
36	0.0257	0.4719	0.8218	0.7601	1.0930	1.7534	1.9463	0.7478	0.4981	0.6465	1.0419	1.4859	2.4687	2.2311	4.1444	0.2543	2.4445	0.8039	-
37	0.0253	0.4640	0.8031	0.7414	1.0748	1.7238	1.8976	0.7361	0.4824	0.6354	1.0235	1.4566	2.4068	2.1829	4.0517	0.2522	2.3875	0.7698	-
38	0.0249	0.4564	0.7855	0.7237	1.0575	1.6955	1.8514	0.7249	0.4678	0.6249	1.0059	1.4288	2.3480	2.1370	3.9635	0.2501	2.3333	0.7377	-
39	0.0246	0.4492	0.7688	0.7070	1.0409	1.6685	1.8074	0.7142	0.4539	0.6147	0.9890	1.4024	2.2922	2.0933	3.8794	0.2482	2.2817	0.7075	-
40	0.0242	0.4422	0.7529	0.6911	1.0251	1.6428	1.7656	0.7040	0.4409	0.6050	0.9729	1.3772	2.2391	2.0515	3.7993	0.2463	2.2325	0.6790	-
41	0.0239	0.4355	0.7379	0.6761	1.0100	1.6181	1.7258	0.6942	0.4286	0.5957	0.9574	1.3533	2.1885	2.0116	3.7227	0.2444	2.1856	0.6521	-
42	0.0236	0.4291	0.7236	0.6618	0.9955	1.5944	1.6879	0.6848	0.4170	0.5868	0.9425	1.3304	2.1402	1.9734	3.6496	0.2427	2.1408	0.6266	-
43	0.0232	0.4230	0.7100	0.6483	0.9816	1.5718	1.6516	0.6758	0.4060	0.5782	0.9281	1.3085	2.0942	1.9368	3.5795	0.2410	2.0979	0.6025	-
44	0.0229	0.4170	0.6970	0.6353	0.9683	1.5500	1.6170	0.6673	0.3955	0.5700	0.9143	1.2876	2.0501	1.9017	3.5124	0.2394	2.0569	0.5797	-
45	0.0226	0.4113	0.6846	0.6230	0.9554	1.5290	1.5838	0.6591	0.3856	0.5621	0.9011	1.2675	2.0080	1.8681	3.4481	0.2378	2.0176	0.5580	-
46	0.0223	0.4058	0.6728	0.6113	0.9431	1.5089	1.5521	0.6513	0.3762	0.5545	0.8883	1.2483	1.9677	1.8358	3.3863	0.2364	1.9800	0.5375	-
47	0.0220	0.4004	0.6615	0.6000	0.9313	1.4895	1.5217	0.6439	0.3672	0.5471	0.8759	1.2298	1.9290	1.8047	3.3269	0.2349	1.9438	0.5180	-
48	0.0217	0.3953	0.6507	0.5893	0.9198	1.4708	1.4925	0.6368	0.3587	0.5401	0.8640	1.2121	1.8919	1.7748	3.2698	0.2336	1.9091	0.4994	-
49	0.0214	0.3903	0.6403	0.5790	0.9088	1.4528	1.4644	0.6301	0.3505	0.5333	0.8525	1.1950	1.8563	1.7460	3.2149	0.2323	1.8757	0.4817	-
50	0.0211	0.3855	0.6304	0.5692	0.8982	1.4353	1.4375	0.6237	0.3428	0.5268	0.8413	1.1786	1.8221	1.7183	3.1619	0.2310	1.8436	0.4648	-
65	0.0178	0.3381	0.5327	0.4705	0.7734	1.2766	1.1903	0.5788	0.2609	0.4738	0.7472	1.0230	1.5078	1.4776	3.1262	0.2190	1.5561	0.2845	-
66	0.0177	0.3371	0.5297	0.4672	0.7668	1.2766	1.1903	0.5796	0.2573	0.4740	0.7472	1.0230	1.5078	1.4776	3.1262	0.2186	1.5561	0.2845	-
67	0.0175	0.3361	0.5268	0.4640	0.7604	1.2766	1.1903	0.5807	0.2538	0.4742	0.7472	1.0230	1.5078	1.4776	3.1262	0.2183	1.5561	0.2845	-
68	0.0173	0.3352	0.5241	0.4609	0.7541	1.2766	1.1903	0.5820	0.2504	0.4745	0.7472	1.0230	1.5078	1.4776	3.1262	0.2180	1.5561	0.2845	-
69	0.0171	0.3344	0.5214	0.4579	0.7480	1.2766	1.1903	0.5834	0.2472	0.4749	0.7472	1.0230	1.5078	1.4776	3.1262	0.2177	1.5561	0.2845	-
70	0.0169	0.3337	0.5188	0.4550	0.7421	1.2766	1.1903	0.5851	0.2441	0.4753	0.7472	1.0230	1.5078	1.4776	3.1262	0.2175	1.5561	0.2845	-

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NO2 Running Emissions (gram/km) at different speeds

EMFAC Year: 2028

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0022	0.0283	0.1678	0.1514	0.6384	1.1329	1.2968	0.2428	0.2973	0.3596	0.6716	1.1304	1.3517	0.3887	0.6645	0.0173	1.3721	1.4030	0.8737
27	0.0016	0.0153	0.0920	0.0819	0.3732	0.6484	0.4785	0.1278	0.1436	0.1885	0.3518	0.6240	0.4634	0.1385	0.2349	0.0139	0.5380	0.4095	-
28	0.0015	0.0149	0.0895	0.0796	0.3649	0.6336	0.4602	0.1249	0.1381	0.1841	0.3436	0.6078	0.4439	0.1330	0.2276	0.0137	0.5191	0.3884	-
29	0.0015	0.0146	0.0871	0.0773	0.3569	0.6195	0.4432	0.1221	0.1327	0.1800	0.3358	0.5924	0.4258	0.1278	0.2207	0.0136	0.5014	0.3689	-
30	0.0015	0.0143	0.0848	0.0752	0.3493	0.6060	0.4273	0.1194	0.1276	0.1760	0.3285	0.5775	0.4089	0.1230	0.2144	0.0134	0.4849	0.3508	-
31	0.0015	0.0140	0.0798	0.0704	0.3360	0.5832	0.4125	0.1169	0.1131	0.1723	0.3216	0.5476	0.3932	0.1185	0.2084	0.0133	0.4694	0.3339	-
32	0.0014	0.0137	0.0778	0.0686	0.3293	0.5713	0.3986	0.1145	0.1088	0.1688	0.3150	0.5348	0.3785	0.1144	0.2029	0.0132	0.4549	0.3183	-
33	0.0014	0.0135	0.0760	0.0669	0.3230	0.5601	0.3856	0.1123	0.1048	0.1654	0.3087	0.5227	0.3648	0.1104	0.1977	0.0131	0.4413	0.3037	-
34	0.0014	0.0132	0.0742	0.0652	0.3171	0.5494	0.3733	0.1101	0.1010	0.1623	0.3028	0.5113	0.3519	0.1067	0.1928	0.0129	0.4285	0.2900	-
35	0.0014	0.0130	0.0726	0.0637	0.3114	0.5394	0.3618	0.1081	0.0975	0.1592	0.2971	0.5005	0.3398	0.1033	0.1881	0.0128	0.4164	0.2773	-
36	0.0014	0.0128	0.0710	0.0623	0.3060	0.5298	0.3509	0.1061	0.0942	0.1563	0.2917	0.4903	0.3284	0.1000	0.1837	0.0127	0.4049	0.2653	-
37	0.0013	0.0126	0.0696	0.0609	0.3009	0.5207	0.3407	0.1042	0.0912	0.1536	0.2866	0.4806	0.3176	0.0969	0.1796	0.0126	0.3941	0.2540	-
38	0.0013	0.0124	0.0682	0.0597	0.2961	0.5120	0.3309	0.1024	0.0883	0.1509	0.2817	0.4715	0.3075	0.0940	0.1757	0.0125	0.3838	0.2434	-
39	0.0013	0.0122	0.0669	0.0584	0.2915	0.5037	0.3217	0.1007	0.0856	0.1484	0.2769	0.4627	0.2979	0.0912	0.1719	0.0124	0.3741	0.2335	-
40	0.0013	0.0120	0.0656	0.0573	0.2870	0.4958	0.3130	0.0991	0.0830	0.1460	0.2724	0.4544	0.2888	0.0886	0.1684	0.0123	0.3648	0.2241	-
41	0.0013	0.0118	0.0644	0.0562	0.2828	0.4882	0.3047	0.0975	0.0806	0.1437	0.2681	0.4465	0.2802	0.0861	0.1650	0.0122	0.3560	0.2152	-
42	0.0012	0.0116	0.0633	0.0552	0.2787	0.4810	0.2968	0.0960	0.0783	0.1414	0.2639	0.4390	0.2720	0.0838	0.1618	0.0121	0.3476	0.2068	-
43	0.0012	0.0114	0.0622	0.0542	0.2748	0.4740	0.2893	0.0946	0.0762	0.1393	0.2599	0.4318	0.2642	0.0815	0.1587	0.0121	0.3397	0.1988	-
44	0.0012	0.0113	0.0612	0.0532	0.2711	0.4674	0.2822	0.0932	0.0741	0.1372	0.2560	0.4249	0.2568	0.0794	0.1557	0.0120	0.3320	0.1913	-
45	0.0012	0.0111	0.0602	0.0523	0.2675	0.4610	0.2753	0.0918	0.0722	0.1352	0.2523	0.4182	0.2498	0.0774	0.1529	0.0119	0.3247	0.1842	-
46	0.0012	0.0110	0.0592	0.0514	0.2641	0.4548	0.2688	0.0905	0.0704	0.1333	0.2487	0.4119	0.2431	0.0754	0.1502	0.0118	0.3178	0.1774	-
47	0.0012	0.0108	0.0583	0.0506	0.2608	0.4488	0.2626	0.0893	0.0686	0.1315	0.2453	0.4058	0.2367	0.0736	0.1476	0.0117	0.3111	0.1709	-
48	0.0012	0.0107	0.0574	0.0498	0.2576	0.4431	0.2566	0.0881	0.0669	0.1297	0.2419	0.4000	0.2306	0.0718	0.1451	0.0117	0.3047	0.1648	-
49	0.0011	0.0106	0.0566	0.0490	0.2545	0.4376	0.2509	0.0869	0.0653	0.1279	0.2387	0.3943	0.2247	0.0701	0.1427	0.0116	0.2985	0.1590	-
50	0.0011	0.0104	0.0558	0.0483	0.2515	0.4323	0.2455	0.0858	0.0638	0.1263	0.2356	0.3889	0.2192	0.0685	0.1404	0.0116	0.2927	0.1534	-
65	0.0010	0.0091	0.0481	0.0412	0.2165	0.3835	0.1926	0.0763	0.0478	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0110	0.2373	0.0939	-
66	0.0009	0.0091	0.0479	0.0409	0.2147	0.3835	0.1926	0.0763	0.0471	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0109	0.2373	0.0939	-
67	0.0009	0.0091	0.0477	0.0408	0.2129	0.3835	0.1926	0.0763	0.0464	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0109	0.2373	0.0939	-
68	0.0009	0.0091	0.0475	0.0406	0.2112	0.3835	0.1926	0.0763	0.0457	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0109	0.2373	0.0939	-
69	0.0009	0.0090	0.0473	0.0404	0.2094	0.3835	0.1926	0.0763	0.0451	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0109	0.2373	0.0939	-
70	0.0009	0.0090	0.0471	0.0402	0.2078	0.3835	0.1926	0.0763	0.0445	0.1122	0.2092	0.3376	0.1633	0.0525	0.1300	0.0109	0.2373	0.0939	-

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NO Running Emissions (gram/km) at different speeds **EMFAC Year 2028**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0396	1.0157	1.8896	1.8472	1.6417	2.5821	4.8936	1.1975	1.2276	1.0615	1.7270	2.2955	6.5176	5.7819	11.7217	0.3282	5.9035	2.8486	5.9885
27	0.0280	0.5477	1.0058	0.9605	0.9595	1.4874	2.0619	0.7521	0.6043	0.5859	0.9047	1.2671	2.7608	2.6690	5.0257	0.2634	2.5962	0.8315	-
28	0.0276	0.5358	0.9760	0.9302	0.9381	1.4543	1.9960	0.7375	0.5817	0.5729	0.8835	1.2343	2.6733	2.5940	4.8762	0.2607	2.5181	0.7886	-
29	0.0271	0.5244	0.9474	0.9010	0.9178	1.4226	1.9345	0.7236	0.5601	0.5606	0.8636	1.2028	2.5915	2.5237	4.7364	0.2580	2.4450	0.7489	-
30	0.0267	0.5137	0.9199	0.8729	0.8983	1.3924	1.8769	0.7104	0.5391	0.5490	0.8447	1.1727	2.5149	2.4576	4.6052	0.2554	2.3764	0.7121	-
31	0.0262	0.5035	0.8544	0.8031	0.8638	1.3435	1.8227	0.6976	0.4807	0.5380	0.8269	1.1120	2.4429	2.3954	4.4818	0.2529	2.3119	0.6780	-
32	0.0259	0.4938	0.8310	0.7792	0.8467	1.3169	1.7719	0.6855	0.4631	0.5274	0.8100	1.0858	2.3753	2.3366	4.3656	0.2504	2.2512	0.6462	-
33	0.0255	0.4844	0.8090	0.7568	0.8306	1.2916	1.7239	0.6738	0.4467	0.5175	0.7940	1.0613	2.3114	2.2811	4.2558	0.2481	2.1938	0.6165	-
34	0.0251	0.4756	0.7884	0.7360	0.8152	1.2678	1.6787	0.6626	0.4315	0.5079	0.7786	1.0381	2.2512	2.2285	4.1521	0.2459	2.1396	0.5889	-
35	0.0247	0.4672	0.7690	0.7163	0.8008	1.2451	1.6359	0.6519	0.4172	0.4989	0.7641	1.0163	2.1943	2.1785	4.0539	0.2437	2.0883	0.5629	-
36	0.0243	0.4591	0.7508	0.6978	0.7870	1.2236	1.5954	0.6417	0.4039	0.4902	0.7502	0.9956	2.1403	2.1311	3.9607	0.2416	2.0396	0.5386	-
37	0.0240	0.4514	0.7335	0.6805	0.7739	1.2031	1.5569	0.6319	0.3912	0.4818	0.7369	0.9760	2.0892	2.0860	3.8721	0.2396	1.9934	0.5158	-
38	0.0236	0.4440	0.7173	0.6640	0.7614	1.1835	1.5205	0.6225	0.3795	0.4740	0.7242	0.9573	2.0405	2.0430	3.7878	0.2376	1.9495	0.4943	-
39	0.0233	0.4370	0.7019	0.6486	0.7494	1.1648	1.4857	0.6135	0.3683	0.4663	0.7121	0.9397	1.9943	2.0021	3.7075	0.2358	1.9076	0.4740	-
40	0.0229	0.4302	0.6873	0.6338	0.7381	1.1470	1.4526	0.6049	0.3579	0.4590	0.7005	0.9228	1.9503	1.9629	3.6309	0.2340	1.8677	0.4549	-
41	0.0226	0.4237	0.6735	0.6199	0.7272	1.1299	1.4211	0.5967	0.3480	0.4520	0.6893	0.9068	1.9083	1.9255	3.5577	0.2322	1.8296	0.4369	-
42	0.0224	0.4175	0.6603	0.6066	0.7168	1.1134	1.3911	0.5888	0.3387	0.4454	0.6786	0.8914	1.8682	1.8896	3.4878	0.2306	1.7932	0.4198	-
43	0.0220	0.4116	0.6478	0.5941	0.7068	1.0978	1.3623	0.5812	0.3298	0.4389	0.6682	0.8767	1.8300	1.8553	3.4208	0.2289	1.7582	0.4037	-
44	0.0217	0.4057	0.6358	0.5821	0.6972	1.0826	1.3348	0.5741	0.3214	0.4328	0.6583	0.8627	1.7933	1.8223	3.3567	0.2274	1.7249	0.3884	-
45	0.0214	0.4002	0.6244	0.5707	0.6879	1.0680	1.3085	0.5673	0.3134	0.4269	0.6488	0.8493	1.7582	1.7907	3.2952	0.2259	1.6929	0.3738	-
46	0.0211	0.3948	0.6136	0.5599	0.6790	1.0541	1.2833	0.5608	0.3058	0.4212	0.6396	0.8364	1.7246	1.7604	3.2361	0.2246	1.6622	0.3601	-
47	0.0208	0.3896	0.6032	0.5494	0.6705	1.0407	1.2591	0.5546	0.2986	0.4156	0.6306	0.8240	1.6923	1.7311	3.1793	0.2232	1.6327	0.3471	-
48	0.0205	0.3846	0.5933	0.5395	0.6622	1.0277	1.2359	0.5487	0.2918	0.4104	0.6221	0.8121	1.6613	1.7030	3.1247	0.2219	1.6044	0.3346	-
49	0.0203	0.3797	0.5837	0.5300	0.6543	1.0152	1.2135	0.5432	0.2852	0.4054	0.6138	0.8007	1.6316	1.6759	3.0722	0.2207	1.5772	0.3227	-
50	0.0200	0.3751	0.5746	0.5209	0.6467	1.0030	1.1920	0.5379	0.2790	0.4005	0.6057	0.7897	1.6029	1.6498	3.0215	0.2194	1.5509	0.3114	-
65	0.0168	0.3290	0.4846	0.4293	0.5569	0.8931	0.9977	0.5025	0.2131	0.3616	0.5380	0.6854	1.3445	1.4251	2.9962	0.2080	1.3188	0.1906	-
66	0.0168	0.3280	0.4818	0.4263	0.5521	0.8931	0.9977	0.5033	0.2102	0.3618	0.5380	0.6854	1.3445	1.4251	2.9962	0.2077	1.3188	0.1906	-
67	0.0166	0.3270	0.4791	0.4232	0.5475	0.8931	0.9977	0.5044	0.2074	0.3620	0.5380	0.6854	1.3445	1.4251	2.9962	0.2074	1.3188	0.1906	-
68	0.0164	0.3261	0.4766	0.4203	0.5429	0.8931	0.9977	0.5057	0.2047	0.3623	0.5380	0.6854	1.3445	1.4251	2.9962	0.2071	1.3188	0.1906	-
69	0.0162	0.3254	0.4741	0.4175	0.5386	0.8931	0.9977	0.5071	0.2021	0.3627	0.5380	0.6854	1.3445	1.4251	2.9962	0.2068	1.3188	0.1906	-
70	0.0160	0.3247	0.4717	0.4148	0.5343	0.8931	0.9977	0.5088	0.1996	0.3631	0.5380	0.6854	1.3445	1.4251	2.9962	0.2066	1.3188	0.1906	-

RSP/PM10 Running Emissions (gram/km) at different speeds

EMFAC Year: 2028

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0096	0.0000	0.0245	0.0228	0.0620	0.1133	0.2335	0.0472	0.0155	0.0559	0.0879	0.0629	0.2601	0.2028	0.4000	0.0122	0.2767	0.0813	0.2189
27	0.0044	0.0000	0.0151	0.0141	0.0395	0.0498	0.1250	0.0258	0.0085	0.0306	0.0480	0.0412	0.1392	0.1224	0.2416	0.0058	0.1481	0.0434	-
28	0.0042	0.0000	0.0148	0.0138	0.0389	0.0486	0.1221	0.0251	0.0082	0.0298	0.0467	0.0405	0.1360	0.1202	0.2372	0.0055	0.1448	0.0424	-
29	0.0040	0.0000	0.0144	0.0134	0.0383	0.0474	0.1195	0.0244	0.0080	0.0290	0.0455	0.0399	0.1331	0.1180	0.2330	0.0053	0.1416	0.0415	-
30	0.0039	0.0000	0.0140	0.0131	0.0378	0.0463	0.1169	0.0238	0.0077	0.0283	0.0443	0.0393	0.1302	0.1160	0.2290	0.0051	0.1386	0.0406	-
31	0.0037	0.0000	0.0137	0.0128	0.0373	0.0452	0.1146	0.0232	0.0075	0.0276	0.0433	0.0387	0.1276	0.1141	0.2252	0.0050	0.1358	0.0397	-
32	0.0036	0.0000	0.0134	0.0125	0.0368	0.0443	0.1123	0.0226	0.0073	0.0270	0.0422	0.0381	0.1250	0.1123	0.2216	0.0048	0.1331	0.0389	-
33	0.0035	0.0000	0.0131	0.0122	0.0364	0.0434	0.1101	0.0221	0.0071	0.0264	0.0413	0.0376	0.1226	0.1105	0.2182	0.0046	0.1306	0.0382	-
34	0.0033	0.0000	0.0128	0.0119	0.0359	0.0425	0.1081	0.0216	0.0069	0.0258	0.0404	0.0371	0.1204	0.1089	0.2149	0.0045	0.1281	0.0375	-
35	0.0032	0.0000	0.0125	0.0117	0.0355	0.0417	0.1061	0.0212	0.0067	0.0253	0.0396	0.0366	0.1182	0.1073	0.2118	0.0043	0.1258	0.0368	-
36	0.0031	0.0000	0.0122	0.0114	0.0352	0.0410	0.1043	0.0208	0.0065	0.0248	0.0388	0.0361	0.1161	0.1058	0.2088	0.0042	0.1236	0.0362	-
37	0.0030	0.0000	0.0120	0.0112	0.0348	0.0403	0.1025	0.0204	0.0064	0.0244	0.0381	0.0357	0.1141	0.1043	0.2059	0.0041	0.1215	0.0356	-
38	0.0029	0.0000	0.0117	0.0109	0.0345	0.0396	0.1008	0.0200	0.0062	0.0239	0.0374	0.0352	0.1123	0.1029	0.2031	0.0039	0.1195	0.0350	-
39	0.0028	0.0000	0.0115	0.0107	0.0342	0.0389	0.0992	0.0197	0.0061	0.0235	0.0367	0.0348	0.1105	0.1015	0.2005	0.0038	0.1176	0.0345	-
40	0.0027	0.0000	0.0112	0.0105	0.0339	0.0383	0.0976	0.0194	0.0059	0.0232	0.0361	0.0344	0.1087	0.1002	0.1979	0.0037	0.1157	0.0339	-
41	0.0027	0.0000	0.0110	0.0103	0.0336	0.0377	0.0961	0.0191	0.0058	0.0228	0.0356	0.0340	0.1071	0.0990	0.1954	0.0036	0.1139	0.0335	-
42	0.0026	0.0000	0.0108	0.0100	0.0334	0.0372	0.0947	0.0188	0.0056	0.0225	0.0351	0.0336	0.1055	0.0978	0.1931	0.0035	0.1122	0.0330	-
43	0.0025	0.0000	0.0106	0.0099	0.0332	0.0367	0.0933	0.0185	0.0055	0.0222	0.0346	0.0332	0.1040	0.0966	0.1908	0.0034	0.1106	0.0325	-
44	0.0024	0.0000	0.0104	0.0097	0.0329	0.0362	0.0920	0.0183	0.0054	0.0219	0.0342	0.0328	0.1025	0.0955	0.1886	0.0033	0.1090	0.0321	-
45	0.0024	0.0000	0.0102	0.0095	0.0327	0.0357	0.0907	0.0181	0.0053	0.0217	0.0338	0.0325	0.1011	0.0944	0.1864	0.0033	0.1075	0.0317	-
46	0.0023	0.0000	0.0100	0.0093	0.0326	0.0352	0.0895	0.0179	0.0052	0.0214	0.0334	0.0321	0.0997	0.0934	0.1843	0.0032	0.1060	0.0313	-
47	0.0022	0.0000	0.0098	0.0091	0.0324	0.0348	0.0883	0.0177	0.0051	0.0212	0.0331	0.0318	0.0984	0.0923	0.1823	0.0031	0.1046	0.0310	-
48	0.0022	0.0000	0.0096	0.0090	0.0322	0.0344	0.0872	0.0175	0.0050	0.0210	0.0328	0.0315	0.0972	0.0914	0.1804	0.0030	0.1033	0.0306	-
49	0.0021	0.0000	0.0094	0.0088	0.0321	0.0340	0.0861	0.0174	0.0049	0.0209	0.0325	0.0312	0.0960	0.0904	0.1785	0.0030	0.1020	0.0303	-
50	0.0021	0.0000	0.0093	0.0087	0.0320	0.0336	0.0850	0.0173	0.0048	0.0207	0.0323	0.0308	0.0948	0.0895	0.1767	0.0029	0.1007	0.0300	-
65	0.0016	0.0000	0.0075	0.0069	0.0315	0.0294	0.0838	0.0163	0.0038	0.0195	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-
66	0.0016	0.0000	0.0074	0.0069	0.0316	0.0294	0.0838	0.0163	0.0038	0.0195	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-
67	0.0016	0.0000	0.0073	0.0068	0.0316	0.0294	0.0838	0.0163	0.0037	0.0194	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-
68	0.0016	0.0000	0.0072	0.0067	0.0317	0.0294	0.0838	0.0162	0.0037	0.0194	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-
69	0.0016	0.0000	0.0071	0.0066	0.0318	0.0294	0.0838	0.0162	0.0036	0.0194	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-
70	0.0016	0.0000	0.0070	0.0066	0.0319	0.0294	0.0838	0.0162	0.0036	0.0193	0.0305	0.0269	0.0926	0.0890	0.1761	0.0023	0.0998	0.0266	-

FSP/PM2.5 Running Emissions (gram/km) at different speeds

EMFAC Year: 2028

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0089	0.0000	0.0225	0.0210	0.0571	0.1043	0.2148	0.0435	0.0143	0.0514	0.0809	0.0579	0.2393	0.1866	0.3680	0.0104	0.2546	0.0748	0.2014
27	0.0041	0.0000	0.0139	0.0130	0.0363	0.0458	0.1150	0.0237	0.0078	0.0282	0.0442	0.0379	0.1281	0.1126	0.2223	0.0049	0.1363	0.0400	-
28	0.0039	0.0000	0.0136	0.0127	0.0358	0.0447	0.1124	0.0231	0.0076	0.0274	0.0430	0.0373	0.1252	0.1106	0.2182	0.0047	0.1332	0.0390	-
29	0.0037	0.0000	0.0132	0.0124	0.0353	0.0436	0.1099	0.0224	0.0074	0.0267	0.0418	0.0367	0.1224	0.1086	0.2144	0.0045	0.1303	0.0382	-
30	0.0036	0.0000	0.0129	0.0121	0.0348	0.0426	0.1076	0.0219	0.0071	0.0261	0.0408	0.0361	0.1198	0.1067	0.2107	0.0044	0.1275	0.0373	-
31	0.0035	0.0000	0.0126	0.0118	0.0343	0.0416	0.1054	0.0213	0.0069	0.0254	0.0398	0.0356	0.1174	0.1050	0.2072	0.0042	0.1249	0.0366	-
32	0.0033	0.0000	0.0123	0.0115	0.0339	0.0407	0.1033	0.0208	0.0067	0.0248	0.0389	0.0351	0.1150	0.1033	0.2039	0.0041	0.1225	0.0358	-
33	0.0032	0.0000	0.0120	0.0112	0.0334	0.0399	0.1013	0.0204	0.0066	0.0243	0.0380	0.0346	0.1128	0.1017	0.2007	0.0039	0.1201	0.0351	-
34	0.0031	0.0000	0.0118	0.0110	0.0331	0.0391	0.0994	0.0199	0.0064	0.0238	0.0372	0.0341	0.1107	0.1002	0.1977	0.0038	0.1179	0.0345	-
35	0.0030	0.0000	0.0115	0.0107	0.0327	0.0384	0.0976	0.0195	0.0062	0.0233	0.0364	0.0337	0.1087	0.0987	0.1948	0.0037	0.1158	0.0339	-
36	0.0029	0.0000	0.0112	0.0105	0.0324	0.0377	0.0959	0.0191	0.0060	0.0228	0.0357	0.0332	0.1068	0.0973	0.1921	0.0036	0.1137	0.0333	-
37	0.0028	0.0000	0.0110	0.0103	0.0320	0.0370	0.0943	0.0187	0.0059	0.0224	0.0350	0.0328	0.1050	0.0959	0.1894	0.0034	0.1118	0.0327	-
38	0.0027	0.0000	0.0108	0.0100	0.0317	0.0364	0.0927	0.0184	0.0057	0.0220	0.0344	0.0324	0.1033	0.0947	0.1869	0.0033	0.1099	0.0322	-
39	0.0026	0.0000	0.0105	0.0098	0.0315	0.0358	0.0912	0.0181	0.0056	0.0217	0.0338	0.0320	0.1016	0.0934	0.1844	0.0032	0.1082	0.0317	-
40	0.0025	0.0000	0.0103	0.0096	0.0312	0.0353	0.0898	0.0178	0.0055	0.0213	0.0333	0.0316	0.1000	0.0922	0.1821	0.0032	0.1065	0.0312	-
41	0.0025	0.0000	0.0101	0.0094	0.0309	0.0347	0.0884	0.0175	0.0053	0.0210	0.0328	0.0313	0.0985	0.0911	0.1798	0.0031	0.1048	0.0308	-
42	0.0024	0.0000	0.0099	0.0092	0.0307	0.0342	0.0871	0.0173	0.0052	0.0207	0.0323	0.0309	0.0971	0.0900	0.1776	0.0030	0.1033	0.0304	-
43	0.0023	0.0000	0.0097	0.0091	0.0305	0.0337	0.0859	0.0170	0.0051	0.0204	0.0319	0.0305	0.0956	0.0889	0.1755	0.0029	0.1017	0.0299	-
44	0.0023	0.0000	0.0095	0.0089	0.0303	0.0333	0.0846	0.0168	0.0050	0.0202	0.0315	0.0302	0.0943	0.0879	0.1735	0.0028	0.1003	0.0296	-
45	0.0022	0.0000	0.0093	0.0087	0.0301	0.0328	0.0835	0.0166	0.0049	0.0199	0.0311	0.0299	0.0930	0.0869	0.1715	0.0028	0.0989	0.0292	-
46	0.0021	0.0000	0.0092	0.0086	0.0299	0.0324	0.0823	0.0165	0.0048	0.0197	0.0308	0.0296	0.0918	0.0859	0.1696	0.0027	0.0976	0.0288	-
47	0.0021	0.0000	0.0090	0.0084	0.0298	0.0320	0.0812	0.0163	0.0047	0.0195	0.0304	0.0293	0.0906	0.0850	0.1678	0.0026	0.0963	0.0285	-
48	0.0020	0.0000	0.0088	0.0083	0.0296	0.0316	0.0802	0.0161	0.0046	0.0194	0.0302	0.0290	0.0894	0.0841	0.1660	0.0026	0.0950	0.0282	-
49	0.0020	0.0000	0.0087	0.0081	0.0295	0.0313	0.0792	0.0160	0.0045	0.0192	0.0299	0.0287	0.0883	0.0832	0.1642	0.0025	0.0938	0.0279	-
50	0.0019	0.0000	0.0085	0.0080	0.0294	0.0309	0.0782	0.0159	0.0044	0.0190	0.0297	0.0284	0.0872	0.0823	0.1626	0.0025	0.0926	0.0276	-
65	0.0015	0.0000	0.0068	0.0064	0.0290	0.0270	0.0771	0.0150	0.0035	0.0180	0.0280	0.0248	0.0852	0.0819	0.1620	0.0020	0.0918	0.0245	-
66	0.0015	0.0000	0.0068	0.0063	0.0290	0.0270	0.0771	0.0150	0.0035	0.0179	0.0280	0.0248	0.0852	0.0819	0.1620	0.0020	0.0918	0.0245	-
67	0.0015	0.0000	0.0067	0.0062	0.0291	0.0270	0.0771	0.0150	0.0034	0.0179	0.0280	0.0248	0.0852	0.0819	0.1620	0.0019	0.0918	0.0245	-
68	0.0015	0.0000	0.0066	0.0062	0.0292	0.0270	0.0771	0.0149	0.0034	0.0179	0.0280	0.0248	0.0852	0.0819	0.1620	0.0019	0.0918	0.0245	-
69	0.0015	0.0000	0.0065	0.0061	0.0293	0.0270	0.0771	0.0149	0.0034	0.0178	0.0280	0.0248	0.0852	0.0819	0.1620	0.0019	0.0918	0.0245	-
70	0.0014	0.0000	0.0065	0.0060	0.0294	0.0270	0.0771	0.0149	0.0033	0.0178	0.0280	0.0248	0.0852	0.0819	0.1620	0.0019	0.0918	0.0245	-

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NOx Start Emissions (gram/trips)

EMFAC Year 2028

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0611	1.0364	0.0059	0.0012	0.0492	0.0844	0.1900	0.5709	0.0259	0.2078	0.0500	0.0986	0.2237	0.3497	0.7701	0.0762	0.2063	0.1244	0.0711
10	0.0623	1.0536	0.0069	0.0012	0.0886	0.1520	0.3421	0.8712	0.0315	0.3249	0.0899	0.1775	0.4027	0.6294	1.3863	0.0881	0.3713	0.2239	0.1279
20	0.0646	1.0871	0.0088	0.0014	0.1182	0.2026	0.4561	1.3684	0.0414	0.4973	0.1199	0.2367	0.5369	0.8392	1.8483	0.1093	0.4951	0.2985	0.1706
30	0.0668	1.1195	0.0103	0.0015	0.1674	0.2871	0.6461	1.7927	0.0496	0.6589	0.1699	0.3353	0.7606	1.1888	2.6185	0.1272	0.7014	0.4229	0.2416
40	0.0688	1.1508	0.0115	0.0016	0.2068	0.3546	0.7982	2.1217	0.0560	0.7849	0.2098	0.4142	0.9396	1.4686	3.2346	0.1416	0.8664	0.5224	0.2985
50	0.0708	1.1811	0.0125	0.0017	0.2758	0.4728	1.0642	2.3854	0.0607	0.9083	0.2798	0.5523	1.2528	1.9581	4.3128	0.1526	1.1552	0.6965	0.3980
60	0.0726	1.2102	0.0131	0.0018	0.4038	0.6923	1.5583	2.6064	0.0635	1.0540	0.4097	0.8087	1.8344	2.8672	6.3151	0.1602	1.6916	1.0199	0.5828
120	0.0806	1.3470	0.0138	0.0019	0.5023	0.8612	1.9384	2.7437	0.0657	1.1560	0.5096	1.0060	2.2818	3.5665	7.8554	0.1638	2.1042	1.2686	0.7249
180	0.0888	1.4841	0.0141	0.0021	0.7387	1.2664	2.8505	2.9159	0.0723	1.3516	0.7494	1.4794	3.3557	5.2449	11.5521	0.1622	3.0943	1.8656	1.0661
240	0.0880	1.4719	0.0138	0.0021	0.9653	1.6548	3.7247	3.0760	0.0719	1.5375	0.9792	1.9330	4.3847	6.8533	15.0947	0.1585	4.0433	2.4377	1.3930
300	0.0868	1.4513	0.0135	0.0021	1.0834	1.8574	4.1808	3.1486	0.0712	1.6311	1.0991	2.1697	4.9216	7.6924	16.9431	0.1537	4.5384	2.7362	1.5636
360	0.0851	1.4223	0.0131	0.0020	1.2804	2.1951	4.9409	3.2770	0.0703	1.7894	1.2990	2.5642	5.8165	9.0911	20.0236	0.1481	5.3635	3.2337	1.8479
420	0.0829	1.3849	0.0127	0.0020	1.4085	2.4146	5.4350	3.3480	0.0692	1.8884	1.4289	2.8207	6.3981	10.0002	22.0260	0.1414	5.8999	3.5571	2.0326
480	0.0802	1.3391	0.0121	0.0019	1.4774	2.5328	5.7011	3.3692	0.0678	1.9363	1.4988	2.9587	6.7113	10.4897	23.1042	0.1338	6.1887	3.7312	2.1321
540	0.0770	1.2849	0.0115	0.0019	1.5168	2.6004	5.8531	3.3632	0.0662	1.9581	1.5388	3.0376	6.8903	10.7694	23.7203	0.1253	6.3537	3.8307	2.1890
600	0.0733	1.2223	0.0109	0.0018	1.5562	2.6679	6.0051	3.3526	0.0644	1.9785	1.5788	3.1165	7.0693	11.0492	24.3364	0.1158	6.5188	3.9302	2.2459
660	0.0691	1.1513	0.0102	0.0017	1.5759	2.7017	6.0811	3.3224	0.0624	1.9809	1.5987	3.1560	7.1587	11.1890	24.6445	0.1053	6.6013	3.9800	2.2743
720	0.0644	1.0718	0.0094	0.0016	1.5759	2.7017	6.0811	3.2726	0.0602	1.9653	1.5987	3.1560	7.1587	11.1890	24.6445	0.0939	6.6013	3.9800	2.2743
MAX	**0.0888**	**1.4841**	**0.0141**	**0.0021**	**1.5759**	**2.7017**	**6.0811**	**3.3692**	**0.0723**	**1.9809**	**1.5987**	**3.1560**	**7.1587**	**11.1890**	**24.6445**	**0.1638**	**6.6013**	**3.9800**	**2.2743**

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NO2 Start Emissions (gram/trips)

EMFAC Year 2028

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0031	0.0282	0.0003	0.0001	0.0138	0.0257	0.0284	0.0134	0.0013	0.0125	0.0140	0.0325	0.0331	0.0230	0.0452	0.0038	0.0253	0.0410	0.0235
10	0.0031	0.0287	0.0003	0.0001	0.0248	0.0462	0.0511	0.0233	0.0016	0.0222	0.0252	0.0586	0.0596	0.0414	0.0814	0.0044	0.0455	0.0739	0.0422
20	0.0032	0.0296	0.0004	0.0001	0.0331	0.0617	0.0681	0.0321	0.0021	0.0299	0.0336	0.0781	0.0795	0.0551	0.1086	0.0055	0.0606	0.0985	0.0563
30	0.0033	0.0305	0.0005	0.0001	0.0469	0.0873	0.0965	0.0447	0.0025	0.0421	0.0476	0.1106	0.1126	0.0781	0.1538	0.0064	0.0859	0.1395	0.0797
40	0.0034	0.0314	0.0006	0.0001	0.0579	0.1079	0.1193	0.0547	0.0028	0.0518	0.0588	0.1366	0.1391	0.0965	0.1900	0.0071	0.1061	0.1724	0.0985
50	0.0035	0.0322	0.0006	0.0001	0.0772	0.1439	0.1590	0.0706	0.0030	0.0683	0.0783	0.1822	0.1854	0.1287	0.2533	0.0076	0.1414	0.2298	0.1313
60	0.0036	0.0330	0.0007	0.0001	0.1131	0.2107	0.2328	0.0987	0.0032	0.0986	0.1147	0.2668	0.2715	0.1884	0.3709	0.0080	0.2071	0.3366	0.1923
120	0.0040	0.0367	0.0007	0.0001	0.1407	0.2620	0.2896	0.1201	0.0033	0.1219	0.1427	0.3318	0.3377	0.2344	0.4614	0.0082	0.2576	0.4186	0.2392
180	0.0044	0.0404	0.0007	0.0001	0.2068	0.3854	0.4259	0.1707	0.0036	0.1774	0.2098	0.4880	0.4966	0.3447	0.6785	0.0081	0.3788	0.6157	0.3518
240	0.0044	0.0401	0.0007	0.0001	0.2703	0.5035	0.5565	0.2192	0.0036	0.2306	0.2742	0.6377	0.6490	0.4504	0.8866	0.0079	0.4950	0.8045	0.4597
300	0.0043	0.0396	0.0007	0.0001	0.3034	0.5652	0.6246	0.2444	0.0036	0.2583	0.3078	0.7157	0.7284	0.5055	0.9952	0.0077	0.5556	0.9030	0.5160
360	0.0043	0.0388	0.0007	0.0001	0.3585	0.6680	0.7382	0.2865	0.0035	0.3045	0.3637	0.8459	0.8609	0.5974	1.1761	0.0074	0.6566	1.0671	0.6098
420	0.0041	0.0377	0.0006	0.0001	0.3944	0.7348	0.8120	0.3138	0.0035	0.3345	0.4001	0.9305	0.9469	0.6572	1.2937	0.0071	0.7223	1.1739	0.6708
480	0.0040	0.0365	0.0006	0.0001	0.4137	0.7707	0.8518	0.3284	0.0034	0.3507	0.4197	0.9760	0.9933	0.6893	1.3570	0.0067	0.7576	1.2313	0.7036
540	0.0038	0.0350	0.0006	0.0001	0.4247	0.7913	0.8745	0.3367	0.0033	0.3599	0.4309	1.0020	1.0198	0.7077	1.3932	0.0063	0.7778	1.2641	0.7224
600	0.0037	0.0333	0.0005	0.0001	0.4357	0.8118	0.8972	0.3449	0.0032	0.3691	0.4421	1.0281	1.0463	0.7261	1.4294	0.0058	0.7980	1.2970	0.7411
660	0.0035	0.0314	0.0005	0.0001	0.4413	0.8221	0.9086	0.3489	0.0031	0.3736	0.4476	1.0411	1.0595	0.7353	1.4475	0.0053	0.8081	1.3134	0.7505
720	0.0032	0.0292	0.0005	0.0001	0.4413	0.8221	0.9086	0.3486	0.0030	0.3735	0.4476	1.0411	1.0595	0.7353	1.4475	0.0047	0.8081	1.3134	0.7505
MAX	**0.0044**	**0.0404**	**0.0007**	**0.0001**	**0.4413**	**0.8221**	**0.9086**	**0.3489**	**0.0036**	**0.3736**	**0.4476**	**1.0411**	**1.0595**	**0.7353**	**1.4475**	**0.0082**	**0.8081**	**1.3134**	**0.7505**

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

NO Start Emissions (gram/trips)

EMFAC Year 2028

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0580	1.0082	0.0056	0.0011	0.0354	0.0587	0.1616	0.5575	0.0246	0.1953	0.0360	0.0661	0.1906	0.3267	0.7249	0.0724	0.1810	0.0834	0.0476
10	0.0592	1.0249	0.0066	0.0011	0.0638	0.1058	0.2910	0.8479	0.0299	0.3027	0.0647	0.1189	0.3431	0.5880	1.3049	0.0837	0.3258	0.1500	0.0857
20	0.0614	1.0575	0.0084	0.0013	0.0851	0.1409	0.3880	1.3363	0.0393	0.4674	0.0863	0.1586	0.4574	0.7841	1.7397	0.1038	0.4345	0.2000	0.1143
30	0.0635	1.0890	0.0098	0.0014	0.1205	0.1998	0.5496	1.7480	0.0471	0.6168	0.1223	0.2247	0.6480	1.1107	2.4647	0.1208	0.6155	0.2834	0.1619
40	0.0654	1.1194	0.0109	0.0015	0.1489	0.2467	0.6789	2.0670	0.0532	0.7331	0.1510	0.2776	0.8005	1.3721	3.0446	0.1345	0.7603	0.3500	0.2000
50	0.0673	1.1489	0.0119	0.0016	0.1986	0.3289	0.9052	2.3148	0.0577	0.8400	0.2015	0.3701	1.0674	1.8294	4.0595	0.1450	1.0138	0.4667	0.2667
60	0.0690	1.1772	0.0124	0.0017	0.2907	0.4816	1.3255	2.5077	0.0603	0.9554	0.2950	0.5419	1.5629	2.6788	5.9442	0.1522	1.4845	0.6833	0.3905
120	0.0766	1.3103	0.0131	0.0018	0.3616	0.5992	1.6488	2.6236	0.0624	1.0341	0.3669	0.6742	1.9441	3.3321	7.3940	0.1556	1.8466	0.8500	0.4857
180	0.0844	1.4437	0.0134	0.0020	0.5319	0.8810	2.4246	2.7452	0.0687	1.1742	0.5396	0.9914	2.8591	4.9002	10.8736	0.1541	2.7155	1.2499	0.7143
240	0.0836	1.4318	0.0131	0.0020	0.6950	1.1513	3.1682	2.8568	0.0683	1.3069	0.7050	1.2953	3.7357	6.4029	14.2081	0.1506	3.5483	1.6332	0.9333
300	0.0825	1.4117	0.0128	0.0020	0.7800	1.2922	3.5562	2.9042	0.0676	1.3728	0.7913	1.4540	4.1932	7.1869	15.9479	0.1460	3.9828	1.8332	1.0476
360	0.0808	1.3835	0.0124	0.0019	0.9219	1.5271	4.2027	2.9905	0.0668	1.4849	0.9353	1.7183	4.9556	8.4937	18.8475	0.1407	4.7069	2.1666	1.2381
420	0.0788	1.3472	0.0121	0.0019	1.0141	1.6798	4.6230	3.0342	0.0657	1.5539	1.0288	1.8902	5.4512	9.3430	20.7323	0.1343	5.1776	2.3832	1.3618
480	0.0762	1.3026	0.0115	0.0018	1.0637	1.7621	4.8493	3.0408	0.0644	1.5856	1.0791	1.9827	5.7180	9.8004	21.7472	0.1271	5.4311	2.4999	1.4285
540	0.0732	1.2499	0.0109	0.0018	1.0921	1.8091	4.9786	3.0265	0.0629	1.5982	1.1079	2.0356	5.8705	10.0617	22.3271	0.1190	5.5759	2.5666	1.4666
600	0.0696	1.1890	0.0104	0.0017	1.1205	1.8561	5.1079	3.0077	0.0612	1.6094	1.1367	2.0884	6.0230	10.3231	22.9070	0.1100	5.7208	2.6332	1.5048
660	0.0656	1.1199	0.0097	0.0016	1.1346	1.8796	5.1725	2.9735	0.0593	1.6073	1.1511	2.1149	6.0992	10.4537	23.1970	0.1000	5.7932	2.6666	1.5238
720	0.0612	1.0426	0.0089	0.0015	1.1346	1.8796	5.1725	2.9240	0.0572	1.5918	1.1511	2.1149	6.0992	10.4537	23.1970	0.0892	5.7932	2.6666	1.5238
MAX	**0.0844**	**1.4437**	**0.0134**	**0.0020**	**1.1346**	**1.8796**	**5.1725**	**3.0408**	**0.0687**	**1.6094**	**1.1511**	**2.1149**	**6.0992**	**10.4537**	**23.1970**	**0.1556**	**5.7932**	**2.6666**	**1.5238**

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

RSP/PM10 Start Emissions (gram/trips)

EMFAC Year 2028

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000
10	0.0008	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0000
20	0.0015	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000	0.0000
30	0.0022	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000
40	0.0029	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0038	0.0000	0.0000	0.0000
50	0.0036	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0041	0.0000	0.0000	0.0000
60	0.0042	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000	0.0000	0.0000
120	0.0070	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0068	0.0000	0.0000	0.0000
180	0.0078	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0078	0.0000	0.0000	0.0000
240	0.0086	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0088	0.0000	0.0000	0.0000
300	0.0092	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0097	0.0000	0.0000	0.0000
360	0.0098	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0105	0.0000	0.0000	0.0000
420	0.0102	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0112	0.0000	0.0000	0.0000
480	0.0106	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0118	0.0000	0.0000	0.0000
540	0.0109	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0123	0.0000	0.0000	0.0000
600	0.0111	0.0000	0.0006	0.0001	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0127	0.0000	0.0000	0.0000
660	0.0112	0.0000	0.0006	0.0002	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0130	0.0000	0.0000	0.0000
720	0.0111	0.0000	0.0006	0.0002	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0133	0.0000	0.0000	0.0000
MAX	**0.0112**	**0.0000**	**0.0006**	**0.0002**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0035**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0133**	**0.0000**	**0.0000**	**0.0000**

Appendix E3 - Calculations of Total Vehicle Emission (Year 2028)

FSP/PM2.5 Start Emissions (gram/trips)

EMFAC Year 2028

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0004	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000
10	0.0007	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000	0.0000	0.0000
20	0.0014	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000
30	0.0021	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0000
40	0.0027	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000
50	0.0033	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037	0.0000	0.0000	0.0000
60	0.0039	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	0.0000
120	0.0065	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000
180	0.0072	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0069	0.0000	0.0000	0.0000
240	0.0079	0.0000	0.0003	0.0001	0.0000	0.0000	0.0000	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0076	0.0000	0.0000	0.0000
300	0.0085	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0083	0.0000	0.0000	0.0000
360	0.0091	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0089	0.0000	0.0000	0.0000
420	0.0095	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0095	0.0000	0.0000	0.0000
480	0.0098	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0100	0.0000	0.0000	0.0000
540	0.0101	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0104	0.0000	0.0000	0.0000
600	0.0103	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0107	0.0000	0.0000	0.0000
660	0.0103	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0110	0.0000	0.0000	0.0000
720	0.0103	0.0000	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0112	0.0000	0.0000	0.0000
MAX	**0.0103**	**0.0000**	**0.0005**	**0.0001**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0033**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0000**	**0.0000**	**0.0000**

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr01	439.7686	68.5831	15.4673	14.2247	Hr02	404.3867	61.8208	14.3913	13.2389	Hr03	378.9762	56.9432	13.5942	12.5061	Hr04	387.2343	58.9457	13.8518	12.7427
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	32	12.8931	2.4743	0.3935	0.3609	20	8.4505	1.6900	0.2541	0.2336	12	4.2546	0.7989	0.1279	0.1175	16	5.6521	1.1519	0.1653	0.1519
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	28	12.6465	2.4660	0.3797	0.3491	17	7.3357	1.4170	0.2215	0.2036	10	4.2666	0.8035	0.1254	0.1153	14	5.5428	1.1449	0.1625	0.1494
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	23	11.0829	2.1769	0.3384	0.3093	16	7.6392	1.3701	0.2278	0.2091	10	4.3571	0.8781	0.1277	0.1172	12	5.8047	1.0905	0.1783	0.1637
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	22	10.7129	2.1456	0.3175	0.2916	15	7.7802	1.5087	0.2358	0.2166	8	4.2717	0.8680	0.1208	0.1109	11	4.7625	1.0429	0.1428	0.1312
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	32	5.7360	1.1008	0.1751	0.1606	20	3.7595	0.7519	0.1130	0.1039	12	1.8928	0.3554	0.0569	0.0523	16	2.5146	0.5124	0.0736	0.0676
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	28	5.5321	1.0787	0.1661	0.1527	17	3.2090	0.6198	0.0969	0.0891	10	1.8664	0.3515	0.0548	0.0504	14	2.4247	0.5008	0.0711	0.0653
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	1	0.0305	0.0016	0.0037	0.0034	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0048	0.0003	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	1	0.0048	0.0003	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	1	0.0046	0.0002	0.0006	0.0005	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	1	0.0050	0.0003	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	19	3.9830	0.7756	0.1173	0.1077	13	2.3759	0.4387	0.0717	0.0658	8	1.7010	0.3456	0.0481	0.0442	10	1.7200	0.3466	0.0504	0.0463
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	19	4.0001	0.7389	0.1223	0.1124	12	1.9787	0.4317	0.0602	0.0553	8	1.7659	0.3588	0.0499	0.0459	11	1.9688	0.4311	0.0591	0.0542
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	1	0.0050	0.0003	0.0006	0.0006	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	17	2.1768	0.4413	0.0628	0.0577	11	1.1824	0.2325	0.0339	0.0311	8	1.1146	0.2265	0.0315	0.0289	10	1.1270	0.2271	0.0330	0.0303
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	18	2.5242	0.4671	0.0766	0.0704	11	1.2455	0.2727	0.0374	0.0343	8	1.1171	0.2270	0.0316	0.0290	9	1.2330	0.2721	0.0358	0.0329
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	4	0.2370	0.0356	0.0071	0.0066	0	0.0000	0.0000	0.0000	0.0000	1	0.0029	0.0002	0.0004	0.0003	1	0.0029	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	2	0.2018	0.0323	0.0062	0.0057	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0029	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	4	0.5027	0.0756	0.0151	0.0139	1	0.0062	0.0003	0.0008	0.0007	1	0.0062	0.0003	0.0008	0.0007	1	0.0062	0.0003	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	2	0.4281	0.0685	0.0131	0.0121	1	0.0062	0.0003	0.0008	0.0007	0	0.0000	0.0000	0.0000	0.0000	1	0.0062	0.0003	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	38	12.3511	2.2674	0.3799	0.3487	25	8.5629	1.5930	0.2624	0.2413	16	5.5752	0.9800	0.1704	0.1567	19	6.0001	1.1269	0.1793	0.1648
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	33	12.1630	2.2598	0.3688	0.3392	22	8.3121	1.5184	0.2540	0.2336	12	4.2414	0.7736	0.1269	0.1167	17	5.9231	1.1217	0.1773	0.1630
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	66	19.3983	2.8301	0.7091	0.6524	66	19.3983	2.8301	0.7091	0.6524	66	19.3983	2.8301	0.7091	0.6524	66	19.3983	2.8301	0.7091	0.6524
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	66	20.9456	3.0559	0.7656	0.7044	66	20.9456	3.0559	0.7656	0.7044	66	20.9456	3.0559	0.7656	0.7044	66	20.9456	3.0559	0.7656	0.7044
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	66	57.6076	8.4047	2.1058	1.9374	66	57.6076	8.4047	2.1058	1.9374	66	57.6076	8.4047	2.1058	1.9374	66	57.6076	8.4047	2.1058	1.9374
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	132	60.2171	8.7855	2.2011	2.0252	132	60.2171	8.7855	2.2011	2.0252	132	60.2171	8.7855	2.2011	2.0252	132	60.2171	8.7855	2.2011	2.0252
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				**Hr05**	**404.3925**	**61.8211**	**14.3920**	**13.2395**	**Hr06**	**441.2740**	**68.8587**	**15.5149**	**14.2684**	**Hr07**	**804.5230**	**135.2381**	**25.8190**	**23.7372**	**Hr08**	**2606.0133**	**549.2601**	**67.8773**	**62.3398**
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	**0**	0.0000	0.0000	0.0000	0.0000	**6**	1.5352	0.2772	0.0511	0.0471	**36**	9.0272	1.6097	0.2950	0.2714	**113**	28.5406	5.0903	0.9320	0.8576
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**3**	0.8384	0.1389	0.0254	0.0234	**12**	3.0179	0.4884	0.0890	0.0819
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	**20**	8.4505	1.6900	0.2541	0.2336	**31**	12.8793	2.4735	0.3919	0.3594	**128**	54.4883	10.0811	1.5845	1.4560	**298**	107.6066	18.7939	3.1894	2.9278
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	**17**	7.3357	1.4170	0.2215	0.2036	**28**	12.6465	2.4660	0.3797	0.3491	**115**	51.2563	9.5358	1.4738	1.3550	**452**	189.0896	27.7552	5.5178	5.0626
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	**16**	7.6392	1.3701	0.2278	0.2091	**23**	11.0829	2.1769	0.3384	0.3093	**103**	55.8976	10.1965	1.5676	1.4396	**242**	145.5929	22.9126	4.2786	3.9256
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	**15**	7.7802	1.5087	0.2358	0.2166	**22**	10.7129	2.1456	0.3175	0.2916	**100**	55.1936	10.2331	1.5574	1.4292	**543**	256.3079	34.6104	7.3887	6.7712
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	**20**	3.7595	0.7519	0.1130	0.1039	**31**	5.7299	1.1004	0.1743	0.1599	**128**	24.2414	4.4850	0.7049	0.6478	**298**	47.8732	8.3613	1.4189	1.3026
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	**17**	3.2090	0.6198	0.0969	0.0891	**28**	5.5321	1.0787	0.1661	0.1527	**115**	22.4147	4.1706	0.6446	0.5923	**452**	82.7160	12.1413	2.4137	2.2146
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0305	0.0016	0.0037	0.0034	**5**	3.1130	0.7888	0.0852	0.0785	**42**	19.0074	3.0551	0.6365	0.5857
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**4**	3.0822	0.7871	0.0815	0.0750	**9**	4.4493	0.6004	0.1362	0.1252
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0048	0.0003	0.0006	0.0005	**18**	2.1303	0.3997	0.0612	0.0563	**44**	5.1926	0.9188	0.1583	0.1453
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0048	0.0003	0.0006	0.0005	**17**	2.0514	0.3898	0.0594	0.0547	**30**	2.9215	0.5013	0.0852	0.0782
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0046	0.0002	0.0006	0.0005	**18**	2.0078	0.3755	0.0571	0.0526	**43**	5.1122	0.8570	0.1526	0.1402
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0050	0.0003	0.0006	0.0006	**17**	2.0909	0.3963	0.0602	0.0554	**34**	4.2811	0.7473	0.1260	0.1157
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	**13**	2.3759	0.4387	0.0717	0.0658	**19**	3.9830	0.7756	0.1173	0.1077	**91**	21.1364	3.7893	0.6011	0.5510	**219**	51.9215	8.1257	1.5310	1.4037
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	**12**	1.9787	0.4317	0.0602	0.0553	**19**	4.0001	0.7389	0.1223	0.1124	**88**	21.3877	3.8922	0.6091	0.5591	**507**	101.1151	13.6351	2.9060	2.6620
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0050	0.0003	0.0006	0.0006	**6**	0.5487	0.1286	0.0137	0.0126	**6**	1.0445	0.2407	0.0258	0.0237
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**4**	0.4904	0.1252	0.0129	0.0119	**18**	0.6659	0.1254	0.0213	0.0197
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**2**	0.2674	0.0497	0.0083	0.0077
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	**11**	1.1824	0.2325	0.0339	0.0311	**17**	2.1768	0.4413	0.0628	0.0577	**79**	11.3262	2.0912	0.3115	0.2858	**186**	29.0088	4.4693	0.8564	0.7854
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	**11**	1.2455	0.2727	0.0374	0.0343	**18**	2.5242	0.4671	0.0766	0.0704	**78**	11.5143	2.0417	0.3253	0.2985	**389**	47.5638	6.6345	1.4298	1.3094
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**1**	0.0029	0.0002	0.0004	0.0003	**4**	0.2370	0.0356	0.0071	0.0066	**19**	1.2694	0.2377	0.0366	0.0336	**57**	3.8901	0.6270	0.1138	0.1043
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**1**	0.0029	0.0002	0.0004	0.0003	**2**	0.2018	0.0323	0.0062	0.0057	**9**	0.5684	0.1135	0.0152	0.0140	**99**	7.7696	0.9356	0.1965	0.1805
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**1**	0.0037	0.0002	0.0005	0.0004	**5**	0.5545	0.1172	0.0174	0.0160
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**3**	0.6962	0.1168	0.0210	0.0193	**20**	2.3357	0.3995	0.0717	0.0660
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**1**	0.0062	0.0003	0.0008	0.0007	**4**	0.5027	0.0756	0.0151	0.0139	**19**	2.6923	0.5041	0.0776	0.0713	**61**	8.8667	1.4862	0.2611	0.2395
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**1**	0.0062	0.0003	0.0008	0.0007	**2**	0.4281	0.0685	0.0131	0.0121	**14**	2.4044	0.4422	0.0699	0.0643	**130**	22.0416	3.0347	0.6001	0.5514
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	**25**	8.5629	1.5930	0.2624	0.2413	**37**	12.3413	2.2669	0.3787	0.3476	**153**	51.9044	9.4543	1.5342	1.4102	**486**	124.0886	18.8993	3.7130	3.4062
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	**22**	8.3121	1.5184	0.2540	0.2336	**33**	12.1630	2.2598	0.3688	0.3392	**134**	48.2047	8.7376	1.4113	1.2977	**427**	120.6506	18.4410	3.5328	3.2448
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	142.7313	35.6131	3.6577	3.3653
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	160.7086	38.2359	4.3148	3.9699
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**135**	149.5830	36.6127	3.9082	3.5957
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	**35**	29.4426	4.2956	1.0762	0.9902	**35**	29.4426	4.2956	1.0762	0.9902	**35**	29.4426	4.2956	1.0762	0.9902	**35**	72.1090	25.3096	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**16**	56.9306	23.0951	0.5214	0.4797
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	**66**	19.3983	2.8301	0.7091	0.6524	**66**	19.3983	2.8301	0.7091	0.6524	**66**	19.3983	2.8301	0.7091	0.6524	**74**	64.4160	24.1872	0.7950	0.7315
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	**66**	20.9456	3.0559	0.7656	0.7044	**66**	20.9456	3.0559	0.7656	0.7044	**66**	20.9456	3.0559	0.7656	0.7044	**74**	66.1509	24.4403	0.8584	0.7898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	**66**	57.6076	8.4047	2.1058	1.9374	**66**	57.6076	8.4047	2.1058	1.9374	**66**	57.6076	8.4047	2.1058	1.9374	**74**	107.2568	30.4375	2.3610	2.1722
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**16**	54.8534	22.7920	0.4455	0.4099
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	**132**	154.9314	22.6039	5.6633	5.2105	**132**	154.9314	22.6039	5.6633	5.2105	**132**	154.9314	22.6039	5.6633	5.2105	**132**	197.5978	43.6179	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	**132**	60.2171	8.7855	2.2011	2.0252	**132**	60.2171	8.7855	2.2011	2.0252	**132**	60.2171	8.7855	2.2011	2.0252	**148**	110.1825	30.8644	2.4679	2.2706
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000	**0**	0.0000	0.0000	0.0000	0.0000

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				**Hr09**	**3720.0725**	**667.5530**	**121.0488**	**111.2754**	**Hr10**	**4233.7076**	**829.8886**	**146.7409**	**134.9558**	**Hr11**	**4141.2447**	**837.0258**	**140.3276**	**129.0684**	**Hr12**	**4215.9720**	**834.6085**	**141.6326**	**130.2718**
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	**130**	41.5897	7.4583	1.3568	1.2484	**164**	57.2444	10.9509	1.8570	1.7086	**175**	65.3112	12.1265	2.1246	1.9548	**161**	57.6231	11.0139	1.8632	1.7142
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	**127**	45.2952	8.1872	1.4679	1.3507	**143**	52.2672	9.6134	1.7060	1.5697	**153**	53.5290	10.0903	1.7344	1.5958	**187**	62.0735	11.9138	2.0066	1.8463
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	**567**	263.0722	47.8826	7.4527	6.8483	**470**	243.5851	44.2789	6.9754	6.4142	**571**	277.1751	53.6580	7.9247	7.2877	**663**	278.8225	52.6599	7.6992	7.0796
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	**535**	296.0065	54.1905	8.9084	8.1875	**326**	235.6932	45.4373	7.1245	6.5529	**287**	204.7640	41.7663	6.0974	5.6078	**317**	231.6014	43.5740	7.0569	6.4908
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	**418**	324.2177	52.6771	8.7225	8.0138	**401**	307.5611	55.7514	8.3049	7.6359	**489**	331.7374	65.4604	8.9145	8.1980	**594**	346.7448	66.1237	9.1014	8.3660
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	**736**	329.6884	55.3050	9.5694	8.7802	**641**	341.3295	61.0568	9.4658	8.6903	**529**	331.4820	62.8999	8.9036	8.1784	**467**	310.0670	59.9571	8.1527	7.4959
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	**567**	116.9952	21.2978	3.3150	3.0467	**470**	108.3688	19.6993	3.1033	2.8536	**571**	123.2589	23.8614	3.5255	3.2425	**663**	124.0456	23.4279	3.4253	3.1497
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	**538**	130.2459	24.0427	3.9113	3.5949	**322**	103.2849	19.7194	3.1315	2.8803	**289**	90.4251	18.3764	2.6962	2.4797	**317**	101.3762	19.2705	3.0789	2.8319
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**55**	22.5196	4.3077	0.6987	0.6427	**55**	24.3467	5.8243	0.7005	0.6445	**41**	21.7332	6.5792	0.5283	0.4856	**46**	39.7601	9.0814	1.1339	1.0393
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	**12**	5.3148	0.6245	0.1362	0.1252	**16**	15.2253	2.9982	0.4149	0.3820	**20**	9.5977	1.3574	0.2566	0.2359	**35**	22.4539	4.7409	0.6538	0.6008
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**4**	0.8760	0.0827	0.0146	0.0133	**12**	1.6638	0.2449	0.0404	0.0371	**6**	0.6931	0.0403	0.0248	0.0218	**4**	0.4071	0.0124	0.0048	0.0044
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	**0**	0.0000	0.0000	0.0000	0.0000	**2**	0.3640	0.0102	0.0000	0.0000	**8**	0.9148	0.1850	0.0287	0.0263	**9**	0.9642	0.0624	0.0205	0.0187
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**105**	10.9839	2.0015	0.3364	0.3088	**101**	9.9234	2.0341	0.2926	0.2687	**80**	8.5361	1.9726	0.2410	0.2211	**88**	11.9988	2.4920	0.3560	0.3263
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	**41**	4.4662	0.7336	0.1324	0.1213	**52**	6.6899	1.2313	0.1937	0.1776	**60**	5.9749	1.0092	0.1748	0.1602	**81**	8.9643	1.6966	0.2683	0.2465
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	**102**	10.5461	1.9780	0.3085	0.2827	**105**	8.3829	1.6076	0.2435	0.2234	**93**	9.0402	2.1983	0.2449	0.2243	**84**	9.9269	2.3296	0.2733	0.2505
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	**53**	7.9113	1.4164	0.2285	0.2097	**57**	6.6306	1.3843	0.1812	0.1661	**73**	8.0854	1.8279	0.2237	0.2053	**95**	9.8137	2.1617	0.2758	0.2531
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	**368**	112.9614	18.2179	3.0087	2.7637	**334**	105.4294	18.6767	2.8396	2.6106	**417**	116.5765	22.4731	3.1214	2.8703	**503**	119.1456	21.3499	3.1336	2.8820
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	**609**	114.4891	19.0162	3.3041	3.0319	**511**	121.5640	21.1507	3.3488	3.0741	**446**	122.4269	22.4176	3.2918	3.0263	**390**	107.3292	19.6706	2.8065	2.5808
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	**14**	2.2712	0.3651	0.0602	0.0553	**38**	5.3238	1.3252	0.1352	0.1244	**44**	6.1067	1.7440	0.1595	0.1468	**38**	5.4981	1.6246	0.1362	0.1253
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	**43**	2.9438	0.5243	0.0866	0.0795	**55**	5.2535	1.4278	0.1381	0.1268	**31**	3.8446	1.1824	0.0993	0.0910	**35**	5.8537	1.3785	0.1559	0.1435
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**2**	0.5256	0.0989	0.0155	0.0143	**2**	0.0093	0.0005	0.0011	0.0010	**2**	0.3158	0.0546	0.0086	0.0079	**6**	0.7623	0.1055	0.0209	0.0192
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	**2**	0.5256	0.0989	0.0155	0.0143	**4**	0.5529	0.0935	0.0178	0.0163	**3**	0.3671	0.0596	0.0096	0.0088	**2**	0.1060	0.0102	0.0017	0.0016
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	**315**	56.7620	8.9636	1.4856	1.3643	**293**	58.2864	10.4375	1.5516	1.4263	**362**	58.6744	11.4438	1.5125	1.3907	**430**	64.9136	11.4850	1.6508	1.5181
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	**495**	62.5181	10.5943	1.7834	1.6380	**453**	66.8774	11.5315	1.8400	1.6902	**390**	60.0065	10.8159	1.5637	1.4373	**361**	54.5877	10.1903	1.3550	1.2458
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**97**	11.6508	2.1698	0.3298	0.3033	**85**	7.9226	1.4509	0.2191	0.2014	**86**	11.1080	2.2694	0.3332	0.3063	**132**	11.1862	2.2367	0.3285	0.3023
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	**131**	6.6535	0.9993	0.2166	0.1985	**80**	6.1010	1.0983	0.1659	0.1524	**53**	6.3601	1.3744	0.1842	0.1694	**34**	3.2274	0.7023	0.0951	0.0875
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**4**	0.2696	0.1013	0.0059	0.0054	**2**	0.0384	0.0012	0.0005	0.0004	**8**	0.4547	0.0830	0.0157	0.0144	**7**	0.0973	0.0083	0.0036	0.0033
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	**11**	0.5877	0.1591	0.0094	0.0087	**11**	0.9451	0.2299	0.0267	0.0246	**21**	3.9608	0.6813	0.1204	0.1108	**30**	6.0510	1.0286	0.1791	0.1648
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**100**	25.3239	4.9037	0.7140	0.6566	**87**	17.1594	3.1359	0.4745	0.4365	**93**	25.2004	5.1680	0.7677	0.7062	**138**	23.9756	4.7646	0.7040	0.6478
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	**140**	15.1017	2.3893	0.4722	0.4328	**91**	15.2132	2.8783	0.4227	0.3880	**72**	21.5164	4.4077	0.6532	0.6011	**64**	18.1381	3.4930	0.5516	0.5075
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	**692**	261.4911	46.0611	7.5960	6.9823	**612**	259.5484	45.5602	7.6423	7.0275	**721**	283.3991	52.6299	8.2962	7.6292	**846**	298.9784	54.6063	8.5730	7.8838
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	**663**	276.9826	49.4111	8.3871	7.7101	**484**	260.5828	47.8809	7.9424	7.3055	**459**	251.4191	47.0303	7.6164	7.0054	**478**	258.3640	47.2821	7.8847	7.2524
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	**110**	35.7414	9.6189	1.6771	1.5431	**284**	95.8460	25.0906	4.5070	4.1467	**253**	80.9497	22.0329	3.7959	3.4926	**245**	80.3427	21.4771	3.7713	3.4699
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	**110**	64.4375	17.3417	3.0237	2.7820	**284**	172.7990	45.2354	8.1256	7.4760	**253**	145.9428	39.7227	6.8436	6.2967	**245**	144.8484	38.7206	6.7992	6.2558
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	**110**	49.1952	13.2396	2.3085	2.1240	**284**	131.9243	34.5352	6.2035	5.7076	**253**	111.4208	30.3265	5.2248	4.8072	**245**	110.5853	29.5615	5.1909	4.7760
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	**110**	78.3405	21.0833	3.6761	3.3823	**284**	210.0819	54.9953	9.8787	9.0890	**253**	177.4312	48.2932	8.3202	7.6552	**245**	176.1007	47.0749	8.2662	7.6056
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	**110**	64.9927	17.4911	3.0498	2.8060	**284**	174.2877	45.6251	8.1956	7.5404	**253**	147.2001	40.0649	6.9026	6.3509	**245**	146.0963	39.0542	6.8578	6.3097
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	**11**	6.5905	1.7623	0.3095	0.2848	**29**	17.9209	4.6855	0.8428	0.7754	**26**	15.1566	4.1354	0.7103	0.6535	**25**	14.8370	3.9952	0.6963	0.6406
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	**6**	4.2445	1.1341	0.1996	0.1837	**15**	10.9275	2.8583	0.5141	0.4730	**14**	9.7280	2.6340	0.4562	0.4197	**14**	9.7280	2.6340	0.4562	0.4197
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	**6**	3.5088	0.9375	0.1650	0.1518	**15**	9.0333	2.3628	0.4250	0.3910	**14**	8.0417	2.1774	0.3771	0.3470	**14**	8.0417	2.1774	0.3771	0.3470
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	**99**	62.7646	16.9036	2.9449	2.7095	**255**	168.0483	43.9980	7.9021	7.2704	**227**	141.9081	38.6137	6.6549	6.1230	**220**	141.0640	37.6780	6.6218	6.0926
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	**135**	100.0649	14.5991	3.6577	3.3653	**135**	100.0649	14.5991	3.6577	3.3653	**135**	100.0649	14.5991	3.6577	3.3653	**135**	100.0649	14.5991	3.6577	3.3653
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	**135**	118.0422	17.2219	4.3148	3.9699	**135**	118.0422	17.2219	4.3148	3.9699	**135**	118.0422	17.2219	4.3148	3.9699	**135**	118.0422	17.2219	4.3148	3.9699
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	**135**	106.9166	15.5987	3.9082	3.5957	**135**	106.9166	15.5987	3.9082	3.5957	**135**	106.9166	15.5987	3.9082	3.5957	**135**	106.9166	15.5987	3.9082	3.5957
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	**35**	29.4426	4.2956	1.0762	0.9902	**35**	29.4426	4.2956	1.0762	0.9902	**35**	29.4426	4.2956	1.0762	0.9902	**35**	29.4426	4.2956	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	**16**	14.2642	2.0811	0.5214	0.4797	**16**	14.2642	2.0811	0.5214	0.4797	**16**	14.2642	2.0811	0.5214	0.4797	**16**	14.2642	2.0811	0.5214	0.4797
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	**74**	21.7496	3.1732	0.7950	0.7315	**74**	21.7496	3.1732	0.7950	0.7315	**74**	21.7496	3.1732	0.7950	0.7315	**74**	21.7496	3.1732	0.7950	0.7315
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	**74**	23.4845	3.4263	0.8584	0.7898	**74**	23.4845	3.4263	0.8584	0.7898	**74**	23.4845	3.4263	0.8584	0.7898	**74**	23.4845	3.4263	0.8584	0.7898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	**74**	64.5904	9.4235	2.3610	2.1722	**74**	64.5904	9.4235	2.3610	2.1722	**74**	64.5904	9.4235	2.3610	2.1722	**74**	64.5904	9.4235	2.3610	2.1722
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	**16**	12.1870	1.7780	0.4455	0.4099	**16**	12.1870	1.7780	0.4455	0.4099	**16**	12.1870	1.7780	0.4455	0.4099	**16**	12.1870	1.7780	0.4455	0.4099
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	**132**	154.9314	22.6039	5.6633	5.2105	**132**	154.9314	22.6039	5.6633	5.2105	**132**	154.9314	22.6039	5.6633	5.2105	**132**	154.9314	22.6039	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	**148**	67.5161	9.8504	2.4679	2.2706	**148**	67.5161	9.8504	2.4679	2.2706	**148**	67.5161	9.8504	2.4679	2.2706	**148**	67.5161	9.8504	2.4679	2.2706
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	**17**	6.4610	1.5017	0.3028	0.2786	**17**	6.4610	1.5017	0.3028	0.2786	**17**	6.4610	1.5017	0.3028	0.2786	**17**	6.4610	1.5017	0.3028	0.2786
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	**17**	3.8531	0.8955	0.1806	0.1662	**17**	3.8531	0.8955	0.1806	0.1662	**17**	3.8531	0.8955	0.1806	0.1662	**17**	3.8531	0.8955	0.1806	0.1662
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	**17**	29.1932	6.7851	1.3683	1.2590	**17**	29.1932	6.7851	1.3683	1.2590	**17**	29.1932	6.7851	1.3683	1.2590	**17**	29.1932	6.7851	1.3683	1.2590
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	**17**	36.7735	8.5469	1.7236	1.5859	**17**	36.7735	8.5469	1.7236	1.5859	**17**	36.7735	8.5469	1.7236	1.5859	**17**	36.7735	8.5469	1.7236	1.5859

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr13	3433.0509	661.6365	116.6410	107.2791	Hr14	4073.6719	797.5835	138.0827	126.9846	Hr15	4125.5382	843.2604	143.8279	132.2883	Hr16	3829.9473	781.1218	132.6894	122.0654
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	123	42.2265	7.8785	1.3729	1.2632	138	48.8742	8.8692	1.5889	1.4618	133	49.4855	9.0466	1.6175	1.4884	135	50.5145	9.4816	1.6447	1.5133
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	91	29.0254	5.8036	0.9225	0.8487	155	54.4142	10.1005	1.7730	1.6313	148	54.2584	10.1163	1.7662	1.6251	138	49.5945	9.1617	1.6229	1.4932
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	546	236.0384	42.1386	6.6965	6.1540	546	254.1185	48.0544	7.3399	6.7449	476	264.2593	51.4778	7.5971	6.9843	534	251.0344	50.4628	7.1132	6.5413
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	213	141.3949	27.9876	4.2163	3.8783	295	203.6052	39.0062	6.1589	5.6638	335	245.1318	50.3478	7.2474	6.6663	265	193.6898	37.9376	5.8350	5.3675
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	451	274.7832	48.6769	7.2934	6.7020	573	423.3141	81.2910	11.8914	10.9250	315	231.4095	44.6947	6.5239	5.9902	409	269.7780	53.5383	7.4291	6.8323
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	416	284.2424	50.2389	7.8517	7.2225	487	319.5901	59.1901	9.0308	8.3035	407	302.3205	56.9908	8.3974	7.7242	332	263.1059	51.1095	7.3325	6.7465
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	546	104.9648	18.7406	2.9787	2.7379	546	113.0132	21.3726	3.2650	3.0008	476	117.5665	22.9020	3.3799	3.1073	534	111.6525	22.4462	3.1643	2.9102
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	210	61.3000	12.0940	1.8289	1.6823	292	89.3426	17.1205	2.7020	2.4848	333	106.6436	21.7691	3.1595	2.9061	267	85.2745	16.7442	2.5672	2.3615
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	30	22.9573	5.6143	0.6231	0.5733	34	29.6824	7.3625	0.8350	0.7680	48	49.9822	9.6019	1.5191	1.3979	27	28.3083	6.7374	0.7751	0.7129
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	24	19.1587	4.7043	0.5191	0.4773	29	27.6926	6.5728	0.7782	0.7160	36	41.6720	9.3892	1.2133	1.1159	39	37.3913	8.5832	1.0894	1.0021
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	3	0.2696	0.0243	0.0086	0.0079	1	0.2266	0.0219	0.0037	0.0034	2	2.6637	0.4319	0.0784	0.0721	2	0.0392	0.0021	0.0047	0.0044
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	6	0.7165	0.0647	0.0182	0.0168	4	0.5056	0.0368	0.0226	0.0197	1	0.0196	0.0010	0.0024	0.0022	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	57	7.2595	1.4925	0.2092	0.1921	84	10.4897	2.0851	0.3114	0.2853	70	11.5081	2.1673	0.3539	0.3253	51	7.4606	1.5975	0.2150	0.1975
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	49	6.2092	1.1713	0.1877	0.1724	98	13.5722	2.7022	0.4062	0.3730	60	9.8467	2.1004	0.2948	0.2708	61	9.0656	1.9478	0.2700	0.2480
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	62	8.1045	1.6756	0.2286	0.2099	88	9.3969	1.9206	0.2729	0.2501	65	8.3514	1.8490	0.2357	0.2165	60	8.1692	1.7604	0.2317	0.2128
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	74	9.8143	2.2315	0.2706	0.2487	104	12.1932	2.4060	0.3516	0.3226	54	8.0363	1.9277	0.2214	0.2032	66	9.6372	2.1353	0.2806	0.2578
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	372	93.7253	16.2865	2.4533	2.2532	462	143.9757	26.7544	4.0434	3.7159	265	77.8717	14.5149	2.2092	2.0284	348	91.7752	17.5173	2.5207	2.3181
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	361	103.4870	17.7878	2.8634	2.6334	386	109.7282	19.2805	3.0980	2.8487	344	109.9720	19.9812	3.0658	2.8195	284	94.0910	17.8694	2.6131	2.4038
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	43	3.3582	0.6188	0.0927	0.0854	35	4.7248	1.4300	0.1238	0.1139	28	4.9144	1.2946	0.1321	0.1212	34	4.3769	1.1679	0.1146	0.1052
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	28	3.0851	0.8392	0.0704	0.0647	43	5.5727	1.5217	0.1490	0.1371	32	4.6126	1.3739	0.1184	0.1090	25	4.2449	1.0616	0.1174	0.1079
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.4930	0.1149	0.0136	0.0125	9	1.5719	0.2594	0.0466	0.0429	9	1.9814	0.3567	0.0598	0.0550	3	0.4183	0.1147	0.0115	0.0106
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	4	0.4413	0.1135	0.0122	0.0112	5	1.0141	0.1554	0.0291	0.0268	6	1.1718	0.2030	0.0355	0.0327	7	1.2022	0.2857	0.0327	0.0301
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	325	49.1554	8.4976	1.2386	1.1374	440	81.1364	15.2936	2.2397	2.0580	235	41.5600	7.7765	1.1541	1.0603	293	50.0198	9.7600	1.3452	1.2369
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	307	54.4948	9.3431	1.4705	1.3526	334	58.3795	10.1559	1.6294	1.4982	303	57.8222	10.6483	1.5748	1.4485	242	50.7448	9.4942	1.3972	1.2852
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	84	7.9823	1.4319	0.2269	0.2084	70	8.9388	1.6559	0.2583	0.2374	62	6.9234	1.4467	0.2039	0.1872	86	7.9282	1.4302	0.2383	0.2190
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	37	3.5758	0.6500	0.0999	0.0918	44	5.1219	0.9772	0.1498	0.1377	45	5.3353	1.0044	0.1587	0.1458	54	4.7132	1.0240	0.1337	0.1230
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	3	0.0468	0.0040	0.0016	0.0015	4	0.0506	0.0042	0.0020	0.0019	4	0.0860	0.0077	0.0022	0.0021	10	0.1461	0.0104	0.0046	0.0043
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	9	1.5017	0.2535	0.0434	0.0399	15	2.8529	0.5194	0.0828	0.0762	13	2.1422	0.3832	0.0636	0.0585	11	1.2430	0.2291	0.0347	0.0319
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	79	15.6567	2.7600	0.4614	0.4240	67	17.2913	3.0835	0.5175	0.4759	64	14.6980	3.0692	0.4342	0.3986	92	17.4710	3.1555	0.5302	0.4880
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	75	14.0221	2.5139	0.4300	0.3950	73	14.2855	2.7969	0.4229	0.3892	57	15.5033	2.9283	0.4720	0.4337	61	12.2190	2.6156	0.3500	0.3218
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	634	214.8458	38.5506	6.1874	5.6873	694	268.9899	48.6063	7.9640	7.3210	615	272.2019	50.4379	8.0158	7.3703	665	256.9155	48.5956	7.5030	6.9004
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	330	167.0158	30.8661	5.0557	4.6506	425	225.4389	40.7272	6.8943	6.3409	460	250.1667	47.8210	7.5247	6.9215	395	217.8560	40.2684	6.6291	6.0980
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	198	64.0956	17.2975	3.0052	2.7650	215	70.1785	18.8227	3.2961	3.0326	293	93.4701	25.4940	4.3883	4.0375	256	82.1003	22.3074	3.8515	3.5437
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	198	115.5569	31.1854	5.4180	4.9850	215	126.5236	33.9351	5.9425	5.4675	293	168.5156	45.9626	7.9116	7.2792	256	148.0172	40.2176	6.9438	6.3888
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	198	88.2225	23.8087	4.1364	3.8058	215	96.5951	25.9079	4.5368	4.1742	293	128.6541	35.0904	6.0402	5.5574	256	113.0045	30.7044	5.3013	4.8776
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	198	140.4892	37.9139	6.5870	6.0606	215	153.8222	41.2569	7.2246	6.6471	293	204.8742	55.8795	9.6186	8.8498	256	179.9531	48.8949	8.4420	7.7673
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	198	116.5524	31.4541	5.4647	5.0280	215	127.6137	34.2275	5.9937	5.5146	293	169.9674	46.3586	7.9798	7.3419	256	149.2924	40.5641	7.0036	6.4439
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	19	11.2389	3.0338	0.5270	0.4849	22	13.1810	3.5246	0.6191	0.5696	29	16.9737	4.6170	0.7970	0.7333	27	15.7623	4.2959	0.7392	0.6801
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	10	7.0600	1.8896	0.3311	0.3046	11	7.7745	2.0789	0.3652	0.3360	15	10.4426	2.8234	0.4903	0.4511	14	9.7280	2.6340	0.4562	0.4197
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	10	5.8362	1.5620	0.2737	0.2518	11	6.4269	1.7186	0.3019	0.2777	15	8.6324	2.3340	0.4053	0.3729	14	8.0417	2.1774	0.3771	0.3470
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	179	113.1764	30.5422	5.3063	4.8822	193	122.9818	32.9965	5.7761	5.3144	264	164.4200	44.8591	7.7192	7.1022	231	144.4968	39.2997	6.7784	6.2367
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr17	3762.5362	741.9662	128.9336	118.5617	Hr18	4031.9585	765.2593	141.4599	129.9667	Hr19	1848.8607	323.3547	63.0286	57.8917	Hr20	1577.8599	235.4019	51.5634	47.3656
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	123	45.0410	8.2608	1.4648	1.3477	49	18.4952	3.3272	0.6027	0.5545	1	0.3975	0.0697	0.0129	0.0119	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	145	49.6444	9.0370	1.6261	1.4963	92	28.6215	5.1337	0.9375	0.8626	29	2.6235	0.4327	0.0942	0.0867	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	582	234.3796	44.9030	6.6773	6.1344	919	273.4935	45.2928	8.0910	7.4110	361	120.1478	20.7949	3.4063	3.1205	282	90.2156	13.2874	2.5371	2.3248
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	269	198.2187	38.9081	5.9554	5.4782	256	183.2258	35.9463	5.5573	5.1122	57	28.0892	6.0930	0.8079	0.7427	232	87.9064	12.7540	2.4047	2.2068
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	534	298.2668	57.2079	8.3691	7.6779	812	368.6990	57.3238	10.9114	9.9816	484	198.5173	32.9847	5.9999	5.4916	292	118.7839	17.0344	3.4782	3.1831
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	365	297.4719	52.2334	8.3628	7.6900	333	275.9453	45.4409	7.7167	7.0931	227	122.4075	20.3337	3.3384	3.0607	198	128.4465	17.4535	3.3874	3.1086
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	582	104.2222	19.9702	2.9698	2.7289	919	121.6094	20.1335	3.5995	3.2962	361	53.4262	9.2486	1.5149	1.3877	282	40.1361	5.9114	1.1287	1.0343
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	270	86.7528	17.1264	2.6019	2.3934	253	80.8135	15.6397	2.4592	2.2623	56	12.2814	2.6650	0.3527	0.3242	243	38.5212	5.5827	1.0601	0.9728
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	24	26.2226	7.2281	0.6990	0.6428	42	53.3159	11.2506	1.5511	1.4263	13	16.6432	3.3863	0.4881	0.4489	1	1.7354	0.3266	0.0513	0.0472
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	41	28.8672	7.4503	0.8068	0.7420	59	56.2032	12.7669	1.6392	1.5072	20	17.8146	4.0239	0.5098	0.4688	4	3.0822	0.7871	0.0815	0.0750
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	2	1.1931	0.1823	0.0393	0.0362	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	4	0.6879	0.0646	0.0135	0.0123	0	0.0000	0.0000	0.0000	0.0000	3	3.8695	0.6202	0.1168	0.1074	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	53	8.0367	1.8572	0.2306	0.2118	61	11.1000	2.2800	0.3311	0.3042	43	4.1221	0.7910	0.1288	0.1176	26	3.5188	0.6331	0.1080	0.0991
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	76	9.5303	2.0599	0.2801	0.2571	90	13.8576	2.9804	0.4191	0.3848	46	4.8933	0.9516	0.1515	0.1391	24	2.6836	0.4895	0.0812	0.0744
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	58	8.0732	1.8562	0.2285	0.2099	52	8.1629	1.5807	0.2412	0.2216	41	3.6860	0.7113	0.1117	0.1023	26	3.3144	0.5937	0.1010	0.0926
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	80	9.2571	2.1973	0.2612	0.2395	96	13.2652	2.6795	0.3935	0.3611	49	5.1390	1.0155	0.1525	0.1401	24	2.7028	0.4915	0.0813	0.0744
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	437	98.6270	18.2391	2.7429	2.5182	691	122.6454	17.8548	3.6419	3.3289	409	69.1379	11.3577	2.0519	1.8762	274	45.7220	6.4782	1.3391	1.2253
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	300	102.1765	17.1982	2.8588	2.6279	283	99.3180	16.1203	2.7664	2.5418	196	45.8425	7.2586	1.2375	1.1340	188	51.4270	6.8830	1.3524	1.2404
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	43	5.1744	1.1591	0.1538	0.1413	43	3.5613	0.7239	0.0971	0.0891	44	1.8237	0.2521	0.0747	0.0687	7	0.2766	0.0514	0.0103	0.0092
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	30	5.2522	1.0865	0.1486	0.1366	19	2.9811	0.4772	0.0787	0.0724	3	0.1047	0.0374	0.0043	0.0039	0	0.0000	0.0000	0.0000	0.0000
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	5	0.7344	0.2423	0.0178	0.0164	4	0.1170	0.0109	0.0029	0.0027	6	0.5947	0.2908	0.0148	0.0136	1	0.2762	0.0426	0.0087	0.0080
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	6	0.9546	0.2560	0.0264	0.0243	2	0.0093	0.0005	0.0011	0.0010	6	0.5947	0.2908	0.0148	0.0136	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	378	57.3260	10.4372	1.5741	1.4455	495	61.0629	9.8285	1.8556	1.6982	354	42.8054	7.0452	1.2461	1.1402	217	27.2412	3.7187	0.7806	0.7147
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	254	50.4623	8.2292	1.3636	1.2534	271	59.0354	9.8350	1.6621	1.5278	184	25.1674	4.3198	0.7130	0.6531	164	27.9205	3.7995	0.7217	0.6638
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	91	5.4154	1.0422	0.1536	0.1409	221	15.8267	2.1149	0.4755	0.4356	60	2.1995	0.3463	0.0765	0.0700	81	4.7150	0.6864	0.1450	0.1332
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	51	5.2971	0.9106	0.1590	0.1461	25	3.1422	0.4859	0.0801	0.0735	13	1.1508	0.1090	0.0244	0.0225	27	2.4185	0.2583	0.0576	0.0522
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	14	0.8902	0.1917	0.0246	0.0227	16	1.3798	0.2764	0.0453	0.0417	7	0.2483	0.0361	0.0098	0.0091	10	0.5787	0.1195	0.0199	0.0183
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	21	3.6976	0.7080	0.1096	0.1009	9	2.0512	0.3177	0.0647	0.0595	4	0.4788	0.0765	0.0139	0.0128	8	1.2751	0.2252	0.0387	0.0356
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	103	13.9212	2.7296	0.3919	0.3599	234	36.2736	4.9429	1.1076	1.0152	65	4.9327	0.7645	0.1705	0.1559	88	11.0053	1.6869	0.3435	0.3153
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	70	18.6143	3.4051	0.5706	0.5245	33	10.2015	1.5358	0.2852	0.2619	18	3.3342	0.3663	0.0764	0.0703	36	7.3543	0.8786	0.1947	0.1769
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	722	247.1757	44.9076	7.2594	6.6721	1009	240.6268	39.5910	7.2036	6.6042	390	89.1991	15.3311	2.5567	2.3429	285	46.7896	7.1507	1.3801	1.2634
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	388	212.3189	39.5171	6.4343	5.9187	300	160.1093	29.9955	4.8946	4.5026	57	20.4500	4.3967	0.5889	0.5413	169	40.3428	6.2968	1.0257	0.9410
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	221	71.5603	19.3060	3.3607	3.0921	274	88.6710	23.9315	4.1664	3.8333	51	15.1761	4.3601	0.7067	0.6502	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	221	129.0149	34.8065	6.0589	5.5746	274	159.8635	43.1456	7.5115	6.9110	51	27.3607	7.8608	1.2740	1.1723	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	221	98.4971	26.5732	4.6257	4.2560	274	122.0486	32.9398	5.7347	5.2763	51	20.8887	6.0013	0.9727	0.8950	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	221	156.8510	42.3164	7.3662	6.7774	274	194.3554	52.4547	9.1321	8.4021	51	33.2640	9.5568	1.5489	1.4252	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	221	130.1264	35.1064	6.1111	5.6227	274	161.2408	43.5173	7.5762	6.9706	51	27.5964	7.9285	1.2850	1.1824	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	21	12.4503	3.3548	0.5848	0.5381	27	16.0484	4.3162	0.7541	0.6938	6	3.3120	0.9411	0.1543	0.1420	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	11	7.7745	2.0789	0.3652	0.3360	15	10.4426	2.8234	0.4903	0.4511	3	1.9535	0.5551	0.0910	0.0838	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	11	6.4269	1.7186	0.3019	0.2777	15	8.6324	2.3340	0.4053	0.3729	3	1.6149	0.4589	0.0753	0.0692	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	200	126.4614	34.1220	5.9389	5.4642	247	156.0358	42.1287	7.3316	6.7455	45	26.1016	7.5101	1.2153	1.1182	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786	17	6.4610	1.5017	0.3028	0.2786
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662	17	3.8531	0.8955	0.1806	0.1662
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590	17	29.1932	6.7851	1.3683	1.2590
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859	17	36.7735	8.5469	1.7236	1.5859

Appendix E3 - Calculations of Total Vehicle Emission over 24 Hours (Year 2028)

Year	2028			Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	Road Name	Grouping	Distance (m)	Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr				Flow	Composite Emission Rate, g/hr			
					NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
Total per hour				Hr21	1115.4638	157.6329	36.0685	33.1642	Hr22	996.7936	136.4008	32.3646	29.7546	Hr23	805.9956	114.1116	28.2248	25.9518	Hr24	477.8345	72.8760	16.2231	14.9168
TM02N	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	93.22	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM02S	Access Road To River Trade Terminal From Lung Mun Road	Cold Start	91.78	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	296.43	138	44.7138	6.4284	1.1620	1.0669	87	33.9849	4.3515	0.8067	0.7393	45	8.9446	1.1280	0.2247	0.2053	43	17.4575	3.4538	0.5265	0.4831
TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	Cold Start	297.93	118	43.3159	6.1780	1.0942	1.0052	76	32.7832	4.0358	0.7536	0.6917	40	8.8405	1.0477	0.2104	0.1923	40	20.6206	3.6502	0.5663	0.5207
TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	514.80	128	71.5510	8.8066	1.6967	1.5587	62	43.8774	5.1789	0.8755	0.8009	35	21.0924	1.9659	0.4675	0.4280	40	24.5012	3.9141	0.6494	0.5951
TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	Cold Start	510.33	119	57.9663	7.6661	1.4626	1.3421	87	50.3227	5.3036	1.1867	1.0881	49	11.4716	1.3445	0.2690	0.2448	39	24.5277	4.0344	0.6540	0.5995
TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	131.88	138	19.8928	2.8600	0.5170	0.4747	87	15.1196	1.9359	0.3589	0.3289	45	3.9794	0.5018	0.1000	0.0913	43	7.7667	1.5366	0.2343	0.2149
TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	Cold Start	130.33	118	18.9412	2.7018	0.4786	0.4390	76	14.3408	1.7654	0.3297	0.3026	40	3.8672	0.4583	0.0920	0.0841	40	9.0204	1.5967	0.2477	0.2278
TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	Cold Start	603.16	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	Cold Start	384.44	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	12	1.4749	0.3378	0.0412	0.0378	4	0.2537	0.0729	0.0046	0.0043	3	0.1107	0.0103	0.0023	0.0022	0	0.0000	0.0000	0.0000	0.0000
TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	Cold Start	94.49	13	0.9117	0.1531	0.0290	0.0267	9	0.4839	0.1446	0.0132	0.0118	2	0.0541	0.0048	0.0014	0.0013	0	0.0000	0.0000	0.0000	0.0000
TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	91.70	13	1.5678	0.3894	0.0426	0.0392	5	0.3921	0.1344	0.0075	0.0069	3	0.1057	0.0098	0.0022	0.0021	0	0.0000	0.0000	0.0000	0.0000
TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	Cold Start	98.14	13	0.9279	0.1554	0.0294	0.0271	14	1.0906	0.3649	0.0280	0.0252	3	0.1074	0.0098	0.0023	0.0021	0	0.0000	0.0000	0.0000	0.0000
TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	203.22	123	28.9278	3.6533	0.6866	0.6308	54	15.6875	1.3720	0.2977	0.2734	34	7.8514	0.7076	0.1674	0.1532	30	7.9078	1.1914	0.2101	0.1925
TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	Cold Start	210.97	112	22.2637	2.6118	0.5646	0.5180	87	19.7696	1.8422	0.4612	0.4228	50	4.9073	0.5783	0.1142	0.1039	27	8.0766	1.2306	0.2083	0.1915
TM12N	Access Road To ECO Park From Lung Mun Road	Cold Start	98.22	4	0.1072	0.0066	0.0021	0.0019	0	0.0000	0.0000	0.0000	0.0000	3	0.3480	0.0473	0.0099	0.0091	1	0.0050	0.0003	0.0006	0.0006
TM12S	Access Road To ECO Park From Lung Mun Road	Cold Start	96.77	3	0.1064	0.0070	0.0015	0.0014	1	0.2926	0.0451	0.0092	0.0084	2	0.0503	0.0015	0.0006	0.0005	1	0.0049	0.0003	0.0006	0.0005
TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	Cold Start	91.35	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.16	111	14.2998	2.1287	0.3700	0.3402	45	7.0269	0.7152	0.1457	0.1337	31	4.6068	0.3901	0.0955	0.0873	22	2.7871	0.5589	0.0828	0.0760
TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	Cold Start	133.46	110	14.6482	1.7567	0.3811	0.3497	80	8.8757	0.8819	0.2272	0.2081	47	2.9865	0.3624	0.0715	0.0651	22	2.8016	0.5611	0.0830	0.0763
TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	13	2.2515	0.1472	0.0418	0.0384	6	0.7529	0.0422	0.0112	0.0103	3	0.2585	0.0361	0.0064	0.0059	1	0.0029	0.0002	0.0004	0.0003
TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	Cold Start	57.85	3	0.0577	0.0017	0.0004	0.0003	6	0.9768	0.0940	0.0181	0.0166	3	0.0577	0.0017	0.0004	0.0003	1	0.0029	0.0002	0.0004	0.0003
TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	1	0.0037	0.0002	0.0005	0.0004	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	Cold Start	73.95	0	0.0000	0.0000	0.0000	0.0000	1	0.0347	0.0010	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	12	3.3911	0.2318	0.0657	0.0601	6	1.5969	0.0895	0.0237	0.0218	3	0.5483	0.0766	0.0136	0.0125	1	0.0062	0.0003	0.0008	0.0007
TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	Cold Start	122.70	3	0.1224	0.0036	0.0008	0.0007	6	2.0719	0.1993	0.0384	0.0353	3	0.1224	0.0036	0.0008	0.0007	1	0.0062	0.0003	0.0008	0.0007
TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.17	138	29.2075	4.0020	0.6949	0.6385	58	15.3646	1.6318	0.2999	0.2741	44	7.3469	0.6604	0.1801	0.1623	30	4.9609	0.5878	0.1234	0.1126
TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	Cold Start	209.87	131	25.6240	3.3542	0.6358	0.5810	96	18.5050	2.1469	0.3984	0.3648	48	5.1486	0.7133	0.1231	0.1121	26	4.8354	0.5831	0.1128	0.1036
ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	67.71	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	122.08	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	93.20	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	148.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.13	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	123.77	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	146.01	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	120.70	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	Normal	132.25	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	123.77	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	135	100.0649	14.5991	3.6577	3.3653	0	0.0000	0.0000	0.0000	0.0000
IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	146.01	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	135	118.0422	17.2219	4.3148	3.9699	0	0.0000	0.0000	0.0000	0.0000
IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	132.25	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	135	106.9166	15.5987	3.9082	3.5957	0	0.0000	0.0000	0.0000	0.0000
IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	140.47	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902	35	29.4426	4.2956	1.0762	0.9902
IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	148.87	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	16	14.2642	2.0811	0.5214	0.4797	0	0.0000	0.0000	0.0000	0.0000
IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	49.08	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	74	21.7496	3.1732	0.7950	0.7315	66	19.3983	2.8301	0.7091	0.6524
IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	52.99	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	74	23.4845	3.4263	0.8584	0.7898	66	20.9456	3.0559	0.7656	0.7044
IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	145.75	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	74	64.5904	9.4235	2.3610	2.1722	66	57.6076	8.4047	2.1058	1.9374
IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	127.19	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	16	12.1870	1.7780	0.4455	0.4099	0	0.0000	0.0000	0.0000	0.0000
IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	196.00	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105	132	154.9314	22.6039	5.6633	5.2105
IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	Normal	76.18	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	148	67.5161	9.8504	2.4679	2.2706	132	60.2171	8.7855	2.2011	2.0252
ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	64.38	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	38.39	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	290.89	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	Normal	366.42	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix E4 - Summary of Total Vehicular Emissions in Year 2024, Year 2025 and Year 2028

Year	2024				2025				2028			
Hour	Total Vehicular Emission (g/hr)				Total Vehicular Emission (g/hr)				Total Vehicular Emission (g/hr)			
	NO	NO2	RSP	FSP	NO	NO2	RSP	FSP	NO	NO2	RSP	FSP
Hour 01	622.84	53.50	13.90	12.78	439.21	68.80	10.51	9.67	439.77	68.58	15.47	14.22
Hour 02	581.71	47.16	12.85	11.82	400.74	62.52	9.49	8.73	404.39	61.82	14.39	13.24
Hour 03	550.47	42.64	11.99	11.03	371.86	58.04	8.67	7.98	378.98	56.94	13.59	12.51
Hour 04	560.42	44.63	12.26	11.28	381.16	60.01	8.93	8.22	387.23	58.95	13.85	12.74
Hour 05	581.72	47.16	12.85	11.82	400.75	62.52	9.49	8.73	404.39	61.82	14.39	13.24
Hour 06	624.80	53.77	13.95	12.82	441.03	69.08	10.56	9.71	441.27	68.86	15.51	14.27
Hour 07	1027.22	113.05	23.49	21.59	835.53	130.53	20.31	18.67	804.52	135.24	25.82	23.74
Hour 08	2897.18	342.62	67.74	62.15	2802.56	538.37	60.60	55.59	2606.01	549.26	67.88	62.34
Hour 09	4583.68	606.06	115.22	105.85	4061.95	645.99	108.65	99.83	3720.07	667.55	121.05	111.28
Hour 10	5235.25	772.15	137.89	126.78	4678.02	813.74	132.30	121.65	4233.71	829.89	146.74	134.96
Hour 11	5053.44	778.01	131.08	120.54	4517.47	819.36	125.43	115.34	4141.24	837.03	140.33	129.07
Hour 12	5139.53	773.21	132.34	121.70	4595.18	813.84	126.54	116.38	4215.97	834.61	141.63	130.27
Hour 13	4237.62	610.71	108.92	100.15	3715.06	646.01	102.47	94.21	3433.05	661.64	116.64	107.28
Hour 14	4940.55	728.19	127.48	117.20	4410.09	769.77	121.89	112.06	4073.67	797.58	138.08	126.98
Hour 15	5086.56	785.30	134.65	123.81	4536.40	825.92	128.90	118.53	4125.54	843.26	143.83	132.29
Hour 16	4718.17	727.27	124.13	114.17	4183.16	765.72	118.17	108.68	3829.95	781.12	132.69	122.07
Hour 17	4672.09	689.15	122.27	112.39	4121.99	725.27	115.60	106.26	3762.54	741.97	128.93	118.56
Hour 18	5141.26	724.67	141.63	129.97	4562.12	759.32	133.82	122.84	4031.96	765.26	141.46	129.97
Hour 19	2381.63	286.63	59.60	54.68	1963.94	322.16	52.87	48.49	1848.86	323.35	63.03	57.89
Hour 20	2075.97	198.24	50.17	46.05	1665.43	231.40	42.85	39.31	1577.86	235.40	51.56	47.37
Hour 21	1459.69	121.81	32.04	29.45	1085.96	154.24	25.19	23.13	1115.46	157.63	36.07	33.16
Hour 22	1328.71	103.83	28.28	26.01	955.09	135.26	21.40	19.67	996.79	136.40	32.36	29.75
Hour 23	1156.05	85.02	24.90	22.89	786.66	116.81	18.01	16.55	806.00	114.11	28.22	25.95
Hour 24	661.55	57.35	14.57	13.39	477.55	72.54	11.21	10.30	477.83	72.88	16.22	14.92
Total per day (g/day)	**65318.13**	**8792.15**	**1654.20**	**1520.34**	**56388.92**	**9667.20**	**1523.86**	**1400.53**	**52257.08**	**9861.15**	**1759.77**	**1618.06**
	Total NOx		**Total RSP**	**Total FSP**	**Total NOx**		**Total RSP**	**Total FSP**	**Total NOx**		**Total RSP**	**Total FSP**
	74110.27		**1654.20**	**1520.34**	**66056.12**		**1523.86**	**1400.53**	**62118.23**		**1759.77**	**1618.06**
Remarks	The first year of the proposed extended period and the assessment year for Scenario 1 (Year 2024).				The assessment year for Scenario 2 (Year 2025).				The last year of the proposed extended period.			

Appendix E5 - Population Input for HGV9(b) in EMFAC-HK v4.3

The population of HGV9(b) presented below is derived from Vehicle Class "HGV9" in "Hong Kong SAR Diesel Cal Pop by Vehicle/Age" data in the "Population" tab of the EMFAC-HK v4.3 model published by EPD.

Calendar Year	Scenario Year 2023				Scenario Year 2024				Scenario Year 2025				Scenario Year 2028			
	Vehicle Age	Population	% of Euro V Internal Trucks	% of Euro VI Internal Trucks	Vehicle Age	Population	% of Euro V Internal Trucks	% of Euro VI Internal Trucks	Vehicle Age	Population	% of Euro V Internal Trucks	% of Euro VI Internal Trucks	Vehicle Age	Population	% of Euro V Internal Trucks	% of Euro VI Internal Trucks
2028	-				-				-				Age01	0	-	-
2027	-				-				-				Age02	0	-	-
2026	-				-				-				Age03	0	-	-
2025	-				-				Age01	2631.1142	0%	39%	Age04	2664.7522	0%	39%
2024	-				Age01	0	-	-	Age02	0	-	-	Age05	0	-	-
2023	Age01	0	-	-	Age02	0	-	-	Age03	0	-	-	Age06	0	-	-
2022	Age02	0	-	-	Age03	0	-	-	Age04	0	-	-	Age07	0	-	-
2021	Age03	0	-	-	Age04	0	-	-	Age05	0	-	-	Age08	0	-	-
2020	Age04	0	-	-	Age05	1187.3260	0%	18%	Age06	1187.3260	0%	18%	Age09	1211.2510	0%	18%
2019	Age05	6615.9463	100%	0%	Age06	5461.6997	82%	0%	Age07	2863.8301	43%	0%	Age10	2907.0024	43%	0%
2018	Age06	0	-	-	Age07	0	-	-	Age08	0	-	-	Age11	0	-	-
2017	Age07	0	-	-	Age08	0	-	-	Age09	0	-	-	Age12	0	-	-
2016	Age08	0	-	-	Age09	0	-	-	Age10	0	-	-	Age13	0	-	-
2015	Age09	0	-	-	Age10	0	-	-	Age11	0	-	-	Age14	0	-	-
2014	Age10	0	-	-	Age11	0	-	-	Age12	0	-	-	Age15	0	-	-
2013	Age11	0	-	-	Age12	0	-	-	Age13	0	-	-	Age16	0	-	-
2012	Age12	0	-	-	Age13	0	-	-	Age14	0	-	-	Age17	0	-	-
2011	Age13	0	-	-	Age14	0	-	-	Age15	0	-	-	Age18	0	-	-
2010	Age14	0	-	-	Age15	0	-	-	Age16	0	-	-	Age19	0	-	-
2009	Age15	0	-	-	Age16	0	-	-	Age17	0	-	-	Age20	0	-	-
2008	Age16	0	-	-	Age17	0	-	-	Age18	0	-	-	Age21	0	-	-
2007	Age17	0	-	-	Age18	0	-	-	Age19	0	-	-	Age22	0	-	-
2006	Age18	0	-	-	Age19	0	-	-	Age20	0	-	-	Age23	0	-	-
2005	Age19	0	-	-	Age20	0	-	-	Age21	0	-	-	Age24	0	-	-
2004	Age20	0	-	-	Age21	0	-	-	Age22	0	-	-	Age25	0	-	-
2003	Age21	0	-	-	Age22	0	-	-	Age23	0	-	-	Age26	0	-	-
2002	Age22	0	-	-	Age23	0	-	-	Age24	0	-	-	Age27	0	-	-
2001	Age23	0	-	-	Age24	0	-	-	Age25	0	-	-	Age28	0	-	-
2000	Age24	0	-	-	Age25	0	-	-	Age26	0	-	-	Age29	0	-	-
1999	Age25	0	-	-	Age26	0	-	-	Age27	0	-	-	Age30	0	-	-
1998	Age26	0	-	-	Age27	0	-	-	Age28	0	-	-	Age31	0	-	-
1997	Age27	0	-	-	Age28	0	-	-	Age29	0	-	-	Age32	0	-	-
1996	Age28	0	-	-	Age29	0	-	-	Age30	0	-	-	Age33	0	-	-
1995	Age29	0	-	-	Age30	0	-	-	Age31	0	-	-	Age34	0	-	-
1994	Age30	0	-	-	Age31	0	-	-	Age32	0	-	-	Age35	0	-	-
1993	Age31	0	-	-	Age32	0	-	-	Age33	0	-	-	Age36	0	-	-
1992	Age32	0	-	-	Age33	0	-	-	Age34	0	-	-	Age37	0	-	-
1991	Age33	0	-	-	Age34	0	-	-	Age35	0	-	-	Age38	0	-	-
1990	Age34	0	-	-	Age35	0	-	-	Age36	0	-	-	Age39	0	-	-
1989	Age35	0	-	-	Age36	0	-	-	Age37	0	-	-	Age40	0	-	-
1988	Age36	0	-	-	Age37	0	-	-	Age38	0	-	-	Age41	0	-	-
1987	Age37	0	-	-	Age38	0	-	-	Age39	0	-	-	Age42	0	-	-
1986	Age38	0	-	-	Age39	0	-	-	Age40	0	-	-	Age43	0	-	-
1985	Age39	0	-	-	Age40	0	-	-	Age41	0	-	-	Age44	0	-	-
1984	Age40	0	-	-	Age41	0	-	-	Age42	0	-	-	Age45	0	-	-
1983	Age41	0	-	-	Age42	0	-	-	Age43	0	-	-	-			
1982	Age42	0	-	-	Age43	0	-	-	Age44	0	-	-	-			
1981	Age43	0	-	-	Age44	0	-	-	Age45	0	-	-	-			
1980	Age44	0	-	-	Age45	0	-	-	-				-			
1979	Age45	0	-	-	-				-				-			

APPENDIX F CALCULATION OF COMPOSITE EMISSION FACTORS FROM INTERNAL AND EXTERNAL ROADS

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	29	2.7048	0.4183	0.0684	0.0626	18	2.8946	0.4744	0.0695	0.0640	11	2.6398	0.3977	0.0627	0.0577	15	2.5561	0.4242	0.0598	0.0551
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	25	3.0484	0.4791	0.0755	0.0694	16	3.2732	0.4869	0.0823	0.0757	10	2.9188	0.4390	0.0684	0.0629	13	2.8686	0.4819	0.0673	0.0619
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	22	2.0760	0.3227	0.0544	0.0497	15	2.1489	0.2938	0.0552	0.0509	9	1.8713	0.3119	0.0438	0.0403	11	2.2844	0.3207	0.0612	0.0563
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	21	2.1244	0.3358	0.0539	0.0497	14	2.3392	0.3513	0.0618	0.0568	8	2.0901	0.3500	0.0481	0.0443	10	1.8406	0.3415	0.0453	0.0417
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	29	2.7048	0.4183	0.0684	0.0626	18	2.8946	0.4744	0.0695	0.0640	11	2.6398	0.3977	0.0627	0.0577	15	2.5561	0.4242	0.0598	0.0551
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	25	3.0484	0.4791	0.0755	0.0694	16	3.2732	0.4869	0.0823	0.0757	10	2.9188	0.4390	0.0684	0.0629	13	2.8686	0.4819	0.0673	0.0619
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	18	2.3183	0.3512	0.0583	0.0536	12	2.1714	0.3016	0.0572	0.0526	8	2.0901	0.3500	0.0481	0.0443	9	1.8713	0.3119	0.0438	0.0403
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	18	2.2618	0.3237	0.0588	0.0541	11	1.6843	0.3111	0.0420	0.0387	8	2.0901	0.3500	0.0481	0.0443	10	1.8406	0.3415	0.0453	0.0417
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	16	2.1759	0.3445	0.0548	0.0505	10	1.7770	0.2899	0.0407	0.0375	8	2.0901	0.3500	0.0481	0.0443	9	1.8713	0.3119	0.0438	0.0403
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	17	2.3877	0.3423	0.0617	0.0568	10	1.8406	0.3415	0.0453	0.0417	8	2.0901	0.3500	0.0481	0.0443	9	2.0317	0.3788	0.0493	0.0453
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	4	2.1735	0.2559	0.0507	0.0468	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	1	0.1263	0.0068	0.0102	0.0094
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	2	3.7021	0.4493	0.0866	0.0797	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	4	2.1735	0.2559	0.0507	0.0468	1	0.1263	0.0068	0.0102	0.0094	1	0.1263	0.0068	0.0102	0.0094	1	0.1263	0.0068	0.0102	0.0094
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	2	3.7021	0.4493	0.0866	0.0797	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	35	3.1753	0.4604	0.0793	0.0727	22	3.3625	0.4940	0.0843	0.0776	14	3.4306	0.4818	0.0820	0.0754	17	3.0546	0.4688	0.0719	0.0661
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	30	3.6262	0.5319	0.0890	0.0819	19	3.7559	0.5348	0.0934	0.0859	12	3.4486	0.4965	0.0816	0.0751	15	3.3919	0.5248	0.0800	0.0736
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	6	5.7723	0.7945	0.1474	0.1357	32	5.5463	0.7559	0.1396	0.1285	100	5.6802	0.7783	0.1434	0.1320
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	6.3498	0.8127	0.1497	0.1378	10	5.8065	0.7339	0.1347	0.1240
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	18	2.8946	0.4744	0.0695	0.0640	28	2.7971	0.4330	0.0705	0.0646	110	2.9805	0.4410	0.0720	0.0661	257	2.7004	0.3580	0.0696	0.0638
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	16	3.2732	0.4869	0.0823	0.0757	25	3.0484	0.4791	0.0755	0.0694	100	3.1269	0.4643	0.0746	0.0685	393	2.9607	0.3422	0.0755	0.0692
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	15	2.1489	0.2938	0.0552	0.0509	22	2.0760	0.3227	0.0544	0.0497	89	2.2070	0.3319	0.0531	0.0487	205	2.8235	0.3192	0.0782	0.0717
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	14	2.3392	0.3513	0.0618	0.0568	21	2.1244	0.3358	0.0539	0.0497	86	2.2644	0.3431	0.0546	0.0502	472	2.0017	0.2141	0.0536	0.0490
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	18	2.8946	0.4744	0.0695	0.0640	28	2.7971	0.4330	0.0705	0.0646	110	2.9799	0.4408	0.0720	0.0661	257	2.7004	0.3580	0.0696	0.0638
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	16	3.2732	0.4869	0.0823	0.0757	25	3.0484	0.4791	0.0755	0.0694	100	3.1269	0.4643	0.0746	0.0685	393	2.9607	0.3422	0.0755	0.0692
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	5	1.9982	0.4362	0.0460	0.0424	38	1.7873	0.2015	0.0537	0.0495
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.4660	0.5436	0.0550	0.0506	8	2.4978	0.2126	0.0746	0.0687
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	14	2.7417	0.4235	0.0689	0.0635	31	2.4705	0.3411	0.0627	0.0575
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	11	2.6336	0.3786	0.0668	0.0615	17	1.8000	0.2393	0.0406	0.0374
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	14	2.6926	0.4146	0.0672	0.0619	30	3.0036	0.3645	0.0800	0.0733
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	11	2.6100	0.3746	0.0659	0.0607	21	3.0126	0.3872	0.0758	0.0697
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	12	2.1714	0.3016	0.0572	0.0526	18	2.3183	0.3512	0.0583	0.0536	83	2.3801	0.3447	0.0578	0.0530	195	2.8186	0.3199	0.0786	0.0720
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	11	1.6843	0.3111	0.0420	0.0387	18	2.2618	0.3237	0.0588	0.0541	77	2.3831	0.3433	0.0577	0.0530	450	2.0485	0.2213	0.0546	0.0500
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	6	1.7717	0.3634	0.0379	0.0349	6	3.8552	0.6865	0.0909	0.0836
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.4454	0.5385	0.0543	0.0500	16	0.9965	0.1411	0.0290	0.0268
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	2	2.9534	0.4261	0.0721	0.0664
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	10	1.7770	0.2899	0.0407	0.0375	16	2.1759	0.3445	0.0548	0.0505	71	2.1934	0.3358	0.0517	0.0475	167	2.8269	0.3154	0.0794	0.0728
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	10	1.8406	0.3415	0.0453	0.0417	17	2.3877	0.3423	0.0617	0.0568	67	2.2348	0.3117	0.0535	0.0492	346	2.0720	0.2238	0.0575	0.0525
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.1263	0.0068	0.0102	0.0094	4	2.1735	0.2559	0.0507	0.0468	18	2.6038	0.3817	0.0640	0.0589	51	2.8761	0.3458	0.0793	0.0726
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.1263	0.0068	0.0102	0.0094	2	3.7021	0.4493	0.0866	0.0797	9	2.1906	0.3637	0.0481	0.0442	88	2.5583	0.2910	0.0610	0.0559
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.1263	0.0068	0.0102	0.0094	5	4.2814	0.6183	0.1264	0.1164
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	7.3592	0.8546	0.1917	0.1763	18	4.0091	0.4773	0.1127	0.1037
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.1263	0.0068	0.0102	0.0094	4	2.1735	0.2559	0.0507	0.0468	18	2.6038	0.3817	0.0640	0.0589	54	3.0027	0.3789	0.0835	0.0765
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.1263	0.0068	0.0102	0.0094	2	3.7021	0.4493	0.0866	0.0797	13	3.2674	0.4568	0.0799	0.0736	115	2.7582	0.3211	0.0714	0.0656
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	22	3.3625	0.4940	0.0843	0.0776	34	3.2652	0.4738	0.0814	0.0746	133	3.3875	0.4907	0.0817	0.0750	421	2.6676	0.3113	0.0696	0.0637
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	19	3.7559	0.5348	0.0934	0.0859	30	3.6262	0.5319	0.0890	0.0819	118	3.6155	0.5177	0.0863	0.0793	371	2.9504	0.3473	0.0758	0.0695
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	15.5082	1.6363	0.3077	0.2831
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	15.3126	1.5400	0.3077	0.2831
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	15.4259	1.5958	0.3077	0.2831
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	18.5886	3.1532	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	23.2328	5.4402	0.3077	0.2831
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	74	20.1323	3.9134	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	74	19.6959	3.6985	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831	74	16.2135	1.9836	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	24.7683	6.1963	0.3077	0.2831
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	15.0534	1.4123	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	148	16.1273	1.9412	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	116	7.2293	0.9903	0.1811	0.1667	147	7.8176	1.1570	0.1957	0.1801	156	8.3855	1.1913	0.2098	0.1930	145	7.9662	1.1777	0.1993	0.1834
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	114	8.1455	1.1272	0.2029	0.1867	129	8.3115	1.1712	0.2084	0.1917	137	7.9775	1.1578	0.1995	0.1835	166	7.5612	1.1207	0.1892	0.1741
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	503	3.2449	0.4724	0.0774	0.0711	422	3.6443	0.5346	0.0840	0.0772	513	3.3362	0.5332	0.0783	0.0720	590	2.8727	0.4532	0.0653	0.0600
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	472	3.8863	0.5637	0.0940	0.0863	295	5.0439	0.7705	0.1206	0.1109	260	4.9315	0.8090	0.1173	0.1079	285	5.1408	0.7619	0.1237	0.1137
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	366	3.2427	0.4255	0.0776	0.0713	346	2.9704	0.4501	0.0666	0.0612	428	2.6032	0.4349	0.0584	0.0537	521	2.2247	0.3639	0.0488	0.0449
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	645	1.8304	0.2509	0.0458	0.0419	562	2.0737	0.3138	0.0481	0.0441	463	2.4118	0.3937	0.0543	0.0499	407	2.5391	0.4229	0.0562	0.0517
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	503	3.2449	0.4724	0.0774	0.0711	422	3.6443	0.5346	0.0840	0.0772	513	3.3351	0.5329	0.0783	0.0720	590	2.8718	0.4531	0.0653	0.0600
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	474	3.8860	0.5683	0.0939	0.0862	291	5.1285	0.7733	0.1228	0.1129	261	4.9441	0.8075	0.1177	0.1082	286	5.1207	0.7693	0.1230	0.1131
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	49	1.4189	0.2209	0.0396	0.0365	49	1.6592	0.3158	0.0452	0.0416	35	1.7478	0.4573	0.0405	0.0373	40	3.1545	0.5525	0.0859	0.0786
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	10	2.1454	0.1740	0.0597	0.0549	15	3.8558	0.5782	0.0996	0.0917	17	1.9473	0.2191	0.0469	0.0432	30	2.4555	0.3699	0.0670	0.0617
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	1.2516	0.1212	0.0200	0.0183	11	0.7655	0.1114	0.0168	0.0155	6	0.6032	0.0372	0.0198	0.0169	4	0.4315	0.0132	0.0052	0.0048
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	2	0.7290	0.0195	0.0000	0.0000	7	0.6463	0.1288	0.0178	0.0164	8	0.6057	0.0425	0.0110	0.0101
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	82	2.0725	0.3108	0.0551	0.0505	79	1.9354	0.3338	0.0511	0.0470	60	2.0238	0.4145	0.0493	0.0451	64	2.9538	0.4909	0.0790	0.0723
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	28	2.5075	0.3133	0.0642	0.0588	36	3.0905	0.4520	0.0772	0.0708	43	2.1139	0.2864	0.0521	0.0477	59	2.3210	0.3394	0.0614	0.0564
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	77	2.4224	0.3626	0.0611	0.0560	82	1.7788	0.2766	0.0449	0.0412	73	2.0589	0.4431	0.0490	0.0450	62	2.5970	0.5303	0.0618	0.0567
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	40	3.5380	0.4909	0.0889	0.0816	40	2.4194	0.4421	0.0539	0.0494	55	2.3177	0.4546	0.0560	0.0513	73	2.0640	0.3859	0.0501	0.0460
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	328	3.2254	0.4238	0.0766	0.0703	298	3.0794	0.4546	0.0692	0.0636	370	2.7081	0.4399	0.0604	0.0555	451	2.2961	0.3505	0.0503	0.0463
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	543	1.8351	0.2511	0.0454	0.0415	459	2.2309	0.3306	0.0511	0.0469	398	2.5574	0.4011	0.0577	0.0530	348	2.5414	0.3993	0.0561	0.0516
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	13	3.7032	0.4635	0.0853	0.0785	33	2.8910	0.6150	0.0648	0.0596	38	2.7218	0.6831	0.0621	0.0571	33	2.7930	0.7368	0.0602	0.0554
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	40	1.6221	0.2281	0.0426	0.0391	47	1.8819	0.4554	0.0434	0.0398	28	2.4603	0.6482	0.0558	0.0510	32	3.3966	0.6678	0.0750	0.0691
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	5.7805	0.8455	0.1341	0.1234	2	0.1263	0.0068	0.0102	0.0094	2	3.5647	0.4874	0.0778	0.0715	6	3.7964	0.3490	0.1045	0.0961
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	5.7805	0.8455	0.1341	0.1234	4	3.7491	0.4189	0.1076	0.0991	3	2.7648	0.3644	0.0584	0.0536	2	1.3490	0.1293	0.0214	0.0195
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	280	2.9132	0.3730	0.0698	0.0641	262	2.9657	0.4496	0.0664	0.0610	322	2.3479	0.3967	0.0511	0.0470	383	2.2129	0.3392	0.0474	0.0436
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	441	1.9202	0.2717	0.0467	0.0428	405	2.1764	0.3240	0.0501	0.0460	349	2.2373	0.3559	0.0498	0.0457	322	2.1955	0.3588	0.0470	0.0432
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	87	4.0826	0.6346	0.0961	0.0883	75	3.1365	0.4857	0.0716	0.0659	76	4.5075	0.7392	0.1091	0.1003	118	2.9230	0.4900	0.0710	0.0653
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	115	1.8228	0.2130	0.0520	0.0476	69	2.5107	0.3775	0.0566	0.0519	47	4.0722	0.7254	0.0943	0.0868	30	3.1794	0.5853	0.0764	0.0703
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	4	2.2108	0.7855	0.0403	0.0370	2	0.4244	0.0131	0.0051	0.0047	7	1.7546	0.2489	0.0461	0.0425	6	0.4531	0.0406	0.0127	0.0118
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	10	1.4735	0.4483	0.0245	0.0225	10	2.4515	0.5068	0.0568	0.0523	18	5.4452	0.7137	0.1274	0.1172	26	5.6233	0.7378	0.1288	0.1185
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	89	4.0819	0.6610	0.0957	0.0879	77	3.1117	0.4814	0.0712	0.0655	82	4.4695	0.7349	0.1098	0.1010	124	2.8619	0.4784	0.0699	0.0643
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	123	1.8224	0.2369	0.0503	0.0461	80	2.5810	0.4117	0.0596	0.0546	65	4.8569	0.7941	0.1161	0.1067	56	4.5688	0.7053	0.1093	0.1006
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	613	3.7568	0.5221	0.0897	0.0824	550	4.2261	0.5889	0.0988	0.0908	646	3.8520	0.5784	0.0910	0.0836	756	3.4592	0.5152	0.0801	0.0736
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	586	4.1665	0.5837	0.1005	0.0923	437	5.3437	0.7699	0.1279	0.1176	412	5.4049	0.7971	0.1290	0.1186	428	5.3768	0.7709	0.1289	0.1186
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	10.1206	2.1574	0.3646	0.3354	284	10.5696	2.1602	0.3782	0.3479	253	9.9393	2.1551	0.3592	0.3305	245	10.2318	2.1592	0.3679	0.3385
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	10.1206	2.1574	0.3646	0.3354	284	10.5696	2.1602	0.3782	0.3479	253	9.9393	2.1551	0.3592	0.3305	245	10.2318	2.1592	0.3679	0.3385
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	10.1206	2.1574	0.3646	0.3354	284	10.5696	2.1602	0.3782	0.3479	253	9.9393	2.1551	0.3592	0.3305	245	10.2318	2.1592	0.3679	0.3385
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	10.1206	2.1574	0.3646	0.3354	284	10.5696	2.1602	0.3782	0.3479	253	9.9393	2.1551	0.3592	0.3305	245	10.2318	2.1592	0.3679	0.3385
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	10.1206	2.1574	0.3646	0.3354	284	10.5696	2.1602	0.3782	0.3479	253	9.9393	2.1551	0.3592	0.3305	245	10.2318	2.1592	0.3679	0.3385
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	10.2129	2.1551	0.3676	0.3382	29	10.5899	2.1602	0.3788	0.3485	26	9.9106	2.1575	0.3581	0.3295	25	10.1094	2.1566	0.3643	0.3352
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	10.1965	2.1469	0.3677	0.3383	15	10.5708	2.1568	0.3785	0.3482	14	10.0281	2.1578	0.3617	0.3328	14	10.0281	2.1578	0.3617	0.3328
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	10.1965	2.1469	0.3677	0.3383	15	10.5708	2.1568	0.3785	0.3482	14	10.0281	2.1578	0.3617	0.3328	14	10.0281	2.1578	0.3617	0.3328
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	99	10.1103	2.1576	0.3643	0.3351	255	10.5672	2.1602	0.3781	0.3479	227	9.9426	2.1548	0.3593	0.3306	220	10.2457	2.1595	0.3683	0.3388
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	110	7.7104	1.1020	0.1932	0.1778	123	7.9706	1.1067	0.1989	0.1831	119	8.4290	1.1789	0.2110	0.1942	120	8.4060	1.2087	0.2107	0.1939
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	80	7.2557	1.1297	0.1799	0.1656	139	8.0533	1.1399	0.2025	0.1864	132	8.3685	1.1941	0.2095	0.1928	123	8.2228	1.1645	0.2065	0.1901
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	489	2.9825	0.4408	0.0697	0.0640	479	3.2196	0.4996	0.0758	0.0696	429	3.8179	0.6063	0.0895	0.0822	484	3.1835	0.5305	0.0740	0.0680
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	191	4.6417	0.7336	0.1101	0.1012	261	4.8658	0.7367	0.1166	0.1072	305	5.0257	0.8279	0.1188	0.1092	242	5.0483	0.7867	0.1211	0.1114
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	393	2.3444	0.3525	0.0527	0.0484	493	2.8776	0.4602	0.0668	0.0613	274	2.8699	0.4580	0.0658	0.0604	357	2.4873	0.4188	0.0570	0.0524
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	363	2.7018	0.3966	0.0619	0.0569	421	2.5475	0.3955	0.0598	0.0549	358	2.8925	0.4581	0.0665	0.0612	293	3.0645	0.5098	0.0716	0.0659
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	489	2.9825	0.4408	0.0697	0.0640	479	3.2196	0.4996	0.0758	0.0696	429	3.8179	0.6063	0.0895	0.0822	484	3.1835	0.5305	0.0740	0.0680
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	188	4.6727	0.7354	0.1108	0.1019	259	4.9197	0.7450	0.1179	0.1084	304	5.0256	0.8234	0.1189	0.1093	245	5.0296	0.7892	0.1206	0.1109
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	26	2.4343	0.5072	0.0554	0.0511	31	2.7699	0.5783	0.0648	0.0597	42	3.4372	0.5317	0.0824	0.0758	24	3.5156	0.6822	0.0834	0.0768
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	21	2.4972	0.5143	0.0564	0.0519	26	3.0935	0.6032	0.0713	0.0657	32	3.9170	0.6990	0.0964	0.0887	35	3.2902	0.6011	0.0797	0.0733
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	3	0.5453	0.0487	0.0143	0.0131	1	1.3647	0.1309	0.0218	0.0198	2	7.3348	0.9018	0.1650	0.1518	2	0.1268	0.0068	0.0102	0.0096
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	6	0.6765	0.0629	0.0150	0.0139	4	0.7471	0.0543	0.0281	0.0237	1	0.1268	0.0068	0.0102	0.0096	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	44	2.9735	0.4811	0.0751	0.0689	60	2.5928	0.4265	0.0655	0.0600	55	3.5931	0.5420	0.0871	0.0799	41	3.0955	0.5603	0.0756	0.0693
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	37	2.9378	0.4334	0.0770	0.0706	71	2.9136	0.4668	0.0745	0.0683	44	3.6318	0.6253	0.0895	0.0824	47	3.1515	0.5506	0.0763	0.0702
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	48	3.1749	0.5252	0.0771	0.0708	64	2.4561	0.4145	0.0614	0.0563	51	2.8720	0.5387	0.0678	0.0622	49	3.0655	0.5570	0.0730	0.0670
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	57	2.8372	0.5360	0.0687	0.0631	76	2.5758	0.4129	0.0631	0.0579	39	3.0471	0.6341	0.0684	0.0628	50	2.9807	0.5531	0.0716	0.0659
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	331	2.4113	0.3601	0.0532	0.0488	411	3.0424	0.4704	0.0703	0.0645	239	2.8915	0.4428	0.0667	0.0611	311	2.5253	0.4093	0.0576	0.0530
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	324	2.6785	0.3874	0.0608	0.0559	346	2.6654	0.3940	0.0621	0.0571	307	2.9991	0.4590	0.0689	0.0633	256	3.0895	0.5037	0.0715	0.0658
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	39	1.7805	0.2718	0.0422	0.0389	31	2.5343	0.6761	0.0572	0.0527	26	3.3651	0.7598	0.0764	0.0700	30	2.4918	0.5875	0.0559	0.0512
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	25	2.3297	0.5424	0.0502	0.0462	37	2.6398	0.6188	0.0600	0.0553	28	2.7637	0.7269	0.0613	0.0564	23	3.4142	0.6994	0.0821	0.0755
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	3.0355	0.6256	0.0650	0.0598	9	4.2827	0.5163	0.1058	0.0973	8	4.8150	0.6614	0.1132	0.1041	3	2.9194	0.6887	0.0675	0.0621
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	2.6579	0.6136	0.0577	0.0530	5	5.2118	0.5701	0.1287	0.1184	6	4.4286	0.5876	0.1037	0.0954	7	3.7271	0.7369	0.0830	0.0764
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	292	2.1747	0.3310	0.0471	0.0432	391	2.7350	0.4344	0.0626	0.0575	214	2.6510	0.4126	0.0603	0.0554	263	2.4776	0.4161	0.0560	0.0514
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	275	2.6076	0.3803	0.0582	0.0535	299	2.5735	0.3766	0.0598	0.0550	271	2.7949	0.4406	0.0635	0.0584	217	3.0614	0.4934	0.0707	0.0651
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	73	3.2336	0.4715	0.0761	0.0700	61	4.4106	0.6512	0.1033	0.0949	54	3.8452	0.6598	0.0912	0.0835	77	3.1143	0.4587	0.0751	0.0691
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	32	3.4000	0.5110	0.0762	0.0701	39	4.0001	0.6256	0.0928	0.0854	40	4.1466	0.6370	0.0968	0.0889	47	3.1301	0.5816	0.0725	0.0668
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	3	0.4531	0.0406	0.0127	0.0118	4	0.3715	0.0322	0.0120	0.0112	4	0.6163	0.0575	0.0139	0.0128	9	0.4447	0.0336	0.0114	0.0104
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	9	4.6416	0.6070	0.1047	0.0963	13	5.0621	0.7285	0.1146	0.1055	12	4.4184	0.6069	0.1021	0.0938	11	3.1366	0.4634	0.0698	0.0642
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	70	3.2475	0.4723	0.0767	0.0704	58	4.2694	0.5995	0.1007	0.0926	56	3.7126	0.6365	0.0883	0.0809	82	2.9841	0.4391	0.0725	0.0667
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	67	3.0508	0.4458	0.0750	0.0688	64	3.1378	0.5003	0.0747	0.0688	51	4.4161	0.6685	0.1048	0.0962	54	3.4269	0.6202	0.0800	0.0736
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	567	3.3253	0.4869	0.0781	0.0717	613	3.8351	0.5559	0.0909	0.0835	554	4.3523	0.6457	0.1028	0.0945	603	3.7559	0.5765	0.0883	0.0811
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	296	5.0443	0.7341	0.1201	0.1105	377	5.3058	0.7482	0.1274	0.1171	417	5.3511	0.8084	0.1272	0.1170	359	5.4208	0.7904	0.1299	0.1195
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	10.0902	2.1610	0.3634	0.3343	215	10.1602	2.1535	0.3661	0.3368	293	9.8774	2.1463	0.3579	0.3293	256	9.9600	2.1534	0.3599	0.3312
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	10.0902	2.1610	0.3634	0.3343	215	10.1602	2.1535	0.3661	0.3368	293	9.8774	2.1463	0.3579	0.3293	256	9.9600	2.1534	0.3599	0.3312
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	10.0902	2.1610	0.3634	0.3343	215	10.1602	2.1535	0.3661	0.3368	293	9.8774	2.1463	0.3579	0.3293	256	9.9600	2.1534	0.3599	0.3312
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	10.0902	2.1610	0.3634	0.3343	215	10.1602	2.1535	0.3661	0.3368	293	9.8774	2.1463	0.3579	0.3293	256	9.9600	2.1534	0.3599	0.3312
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	10.0902	2.1610	0.3634	0.3343	215	10.1602	2.1535	0.3661	0.3368	293	9.8774	2.1463	0.3579	0.3293	256	9.9600	2.1534	0.3599	0.3312
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	19	10.0819	2.1597	0.3632	0.3342	22	10.2129	2.1551	0.3676	0.3382	29	9.9216	2.1471	0.3592	0.3305	27	9.9145	2.1538	0.3585	0.3298
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	10.2325	2.1650	0.3675	0.3381	11	10.2129	2.1551	0.3676	0.3382	15	10.0273	2.1510	0.3622	0.3332	14	10.0281	2.1578	0.3617	0.3328
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	10.2325	2.1650	0.3675	0.3381	11	10.2129	2.1551	0.3676	0.3382	15	10.0273	2.1510	0.3622	0.3332	14	10.0281	2.1578	0.3617	0.3328
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	179	10.0910	2.1612	0.3634	0.3343	193	10.1542	2.1534	0.3659	0.3366	264	9.8725	2.1462	0.3578	0.3292	231	9.9438	2.1531	0.3595	0.3307
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	110	8.1778	1.1501	0.2045	0.1881	44	8.5163	1.1658	0.2125	0.1955	1	9.0665	1.2066	0.2245	0.2066	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	130	7.8690	1.0953	0.1975	0.1817	82	7.1673	0.9791	0.1798	0.1655	26	1.9811	0.2505	0.0550	0.0506	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	521	2.7734	0.4408	0.0650	0.0596	821	2.1613	0.2905	0.0566	0.0516	316	2.3301	0.3373	0.0570	0.0521	243	2.3163	0.2742	0.0593	0.0542
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	245	5.1221	0.8009	0.1224	0.1125	242	4.9707	0.7723	0.1201	0.1104	44	3.5468	0.6460	0.0828	0.0761	202	2.7370	0.3169	0.0687	0.0630
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	468	2.1617	0.3523	0.0507	0.0465	716	1.9177	0.2368	0.0518	0.0472	424	1.7161	0.2304	0.0465	0.0424	253	1.7183	0.1955	0.0469	0.0428
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	318	3.4182	0.4777	0.0843	0.0775	295	3.5631	0.4600	0.0906	0.0832	192	2.1447	0.3009	0.0519	0.0474	170	2.7687	0.3014	0.0698	0.0640
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	521	2.7726	0.4407	0.0650	0.0596	821	2.1604	0.2904	0.0565	0.0516	316	2.3295	0.3372	0.0570	0.0521	243	2.3163	0.2742	0.0593	0.0542
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	246	5.1003	0.8035	0.1217	0.1119	240	5.0522	0.7746	0.1222	0.1123	43	3.6265	0.6608	0.0845	0.0777	212	2.6136	0.3022	0.0659	0.0604
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	22	3.4801	0.8050	0.0809	0.0745	37	4.3773	0.7234	0.1070	0.0983	12	4.2910	0.6806	0.1058	0.0973	1	5.7805	0.8455	0.1341	0.1234
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	36	2.3441	0.5094	0.0570	0.0525	52	3.2348	0.5991	0.0804	0.0740	18	3.0493	0.5659	0.0748	0.0689	4	2.4660	0.5436	0.0550	0.0506
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	2	4.5228	0.4073	0.1422	0.1310	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	1.0029	0.0954	0.0181	0.0166	0	0.0000	0.0000	0.0000	0.0000	3	7.9296	0.8805	0.2041	0.1878	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	41	3.3670	0.6463	0.0826	0.0759	51	4.0477	0.6639	0.1007	0.0924	32	2.3595	0.3629	0.0659	0.0599	17	3.5208	0.4438	0.0988	0.0910
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	59	2.6496	0.4825	0.0671	0.0615	71	3.1997	0.5674	0.0806	0.0741	33	2.5587	0.4048	0.0678	0.0624	16	3.1567	0.4184	0.0872	0.0803
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	46	3.2672	0.6290	0.0791	0.0726	44	3.7479	0.5769	0.0926	0.0850	30	2.3738	0.3674	0.0644	0.0586	17	3.4562	0.4342	0.0964	0.0887
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	63	2.3252	0.4836	0.0563	0.0515	76	2.9537	0.4744	0.0750	0.0689	35	2.4607	0.4054	0.0629	0.0580	16	3.0986	0.4094	0.0850	0.0782
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	390	2.1953	0.3459	0.0510	0.0467	619	1.9137	0.2228	0.0523	0.0476	363	1.7748	0.2394	0.0470	0.0428	243	1.7761	0.2010	0.0480	0.0439
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	269	3.4581	0.4590	0.0859	0.0789	253	3.6219	0.4609	0.0923	0.0848	174	2.1758	0.3001	0.0513	0.0470	166	2.7966	0.3058	0.0698	0.0640
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	38	2.5545	0.4585	0.0645	0.0592	38	1.6356	0.2972	0.0382	0.0350	39	1.0937	0.0930	0.0394	0.0362	7	0.8200	0.1439	0.0277	0.0243
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	27	3.5223	0.6069	0.0807	0.0742	17	3.7530	0.4293	0.0952	0.0876	3	0.6786	0.2357	0.0263	0.0242	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	5	3.2239	0.9716	0.0666	0.0613	4	0.7458	0.0688	0.0160	0.0147	5	2.6780	1.1715	0.0524	0.0483	1	8.8398	0.7986	0.2709	0.2491
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	6	4.0048	0.8600	0.1016	0.0934	2	0.1263	0.0068	0.0102	0.0094	5	2.6780	1.1715	0.0524	0.0483	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	339	2.2463	0.3507	0.0517	0.0474	443	2.0637	0.2592	0.0571	0.0522	315	1.8881	0.2591	0.0489	0.0446	191	1.9834	0.2165	0.0527	0.0482
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	228	3.0884	0.4130	0.0738	0.0678	244	3.5994	0.4639	0.0938	0.0862	163	2.1436	0.3069	0.0524	0.0479	144	2.6584	0.2980	0.0645	0.0594
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	80	2.0388	0.3508	0.0481	0.0441	195	2.8248	0.2987	0.0825	0.0755	54	1.5011	0.1792	0.0466	0.0425	72	2.4396	0.2610	0.0722	0.0663
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	45	3.9834	0.5121	0.1039	0.0955	23	4.3415	0.5927	0.0899	0.0824	12	2.9636	0.2578	0.0523	0.0481	24	3.4863	0.3543	0.0798	0.0720
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	13	2.2262	0.3476	0.0607	0.0559	14	3.1517	0.4535	0.0955	0.0880	6	1.5921	0.1403	0.0542	0.0500	9	2.4570	0.3503	0.0757	0.0697
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	19	5.6372	0.7871	0.1506	0.1385	8	9.0011	0.8172	0.2778	0.2556	4	3.8997	0.4220	0.1051	0.0967	7	5.6924	0.6743	0.1672	0.1538
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	91	2.2213	0.3796	0.0548	0.0503	208	2.8799	0.3024	0.0854	0.0782	58	1.4490	0.1723	0.0451	0.0411	78	2.4760	0.2807	0.0738	0.0678
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	62	4.9203	0.6661	0.1331	0.1223	30	5.7381	0.6375	0.1458	0.1339	16	3.2299	0.3030	0.0666	0.0614	32	3.8803	0.3792	0.1001	0.0907
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	647	3.3692	0.4952	0.0797	0.0732	902	2.4416	0.3222	0.0629	0.0575	341	2.2716	0.3254	0.0558	0.0510	247	1.7167	0.2061	0.0477	0.0436
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	350	5.4088	0.7923	0.1292	0.1188	282	5.2484	0.7750	0.1268	0.1166	44	3.6985	0.6641	0.0862	0.0793	142	2.3453	0.3057	0.0564	0.0517
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	10.0595	2.1507	0.3632	0.3341	274	10.0417	2.1472	0.3629	0.3339	51	9.1908	2.1659	0.3354	0.3086	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	10.0595	2.1507	0.3632	0.3341	274	10.0417	2.1472	0.3629	0.3339	51	9.1908	2.1659	0.3354	0.3086	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	10.0595	2.1507	0.3632	0.3341	274	10.0417	2.1472	0.3629	0.3339	51	9.1908	2.1659	0.3354	0.3086	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	10.0595	2.1507	0.3632	0.3341	274	10.0417	2.1472	0.3629	0.3339	51	9.1908	2.1659	0.3354	0.3086	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	10.0595	2.1507	0.3632	0.3341	274	10.0417	2.1472	0.3629	0.3339	51	9.1908	2.1659	0.3354	0.3086	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	21	10.0757	2.1499	0.3638	0.3347	27	10.1025	2.1492	0.3646	0.3355	6	9.3507	2.1676	0.3402	0.3130	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	10.2129	2.1551	0.3676	0.3382	15	10.0273	2.1510	0.3622	0.3332	3	9.3507	2.1676	0.3402	0.3130	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	10.2129	2.1551	0.3676	0.3382	15	10.0273	2.1510	0.3622	0.3332	3	9.3507	2.1676	0.3402	0.3130	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	200	10.0578	2.1508	0.3631	0.3341	247	10.0351	2.1470	0.3627	0.3337	45	9.1695	2.1657	0.3348	0.3080	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123	17	13.0941	2.2660	0.4480	0.4123

Appendix F1 - Calculations of Composite Emission Factors (Year 2024)

Year		2024	Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	120	2.0911	0.2629	0.0488	0.0448	77	2.3251	0.2693	0.0485	0.0445	42	1.3269	0.1554	0.0288	0.0264	38	2.8007	0.4318	0.0698	0.0640
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	103	2.3496	0.2923	0.0533	0.0489	67	2.5286	0.2806	0.0512	0.0470	36	1.5029	0.1647	0.0309	0.0282	36	3.4304	0.4847	0.0783	0.0720
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	111	2.0707	0.2266	0.0458	0.0420	55	2.3354	0.2704	0.0433	0.0396	32	2.3866	0.2038	0.0476	0.0436	35	2.4797	0.3364	0.0566	0.0519
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	103	1.7656	0.2073	0.0416	0.0381	78	2.0411	0.2018	0.0435	0.0400	45	0.8584	0.1042	0.0184	0.0168	35	2.5286	0.3543	0.0581	0.0532
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	120	2.0906	0.2628	0.0488	0.0448	77	2.3251	0.2693	0.0485	0.0445	42	1.3269	0.1554	0.0288	0.0264	38	2.8007	0.4318	0.0698	0.0640
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	103	2.3491	0.2922	0.0533	0.0489	67	2.5286	0.2806	0.0512	0.0470	36	1.5029	0.1647	0.0309	0.0282	36	3.4304	0.4847	0.0783	0.0720
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	7	2.4654	0.4958	0.0638	0.0587	3	1.5474	0.4443	0.0246	0.0227	2	0.7376	0.0680	0.0158	0.0144	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	7	1.5226	0.1357	0.0490	0.0452	8	1.1567	0.3315	0.0290	0.0257	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	8	2.5081	0.5845	0.0629	0.0579	4	1.8454	0.6290	0.0322	0.0295	2	0.7376	0.0680	0.0158	0.0144	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	7	1.5226	0.1357	0.0490	0.0452	12	1.4376	0.4349	0.0358	0.0316	2	0.6083	0.0568	0.0137	0.0126	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	105	2.1158	0.2335	0.0455	0.0417	47	2.4630	0.2194	0.0430	0.0397	30	2.2877	0.1966	0.0420	0.0384	28	2.7450	0.3492	0.0628	0.0575
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	98	1.6886	0.1763	0.0393	0.0360	77	1.9150	0.1679	0.0395	0.0363	44	0.8814	0.1081	0.0189	0.0173	26	2.9108	0.3740	0.0648	0.0596
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	4	0.5163	0.0349	0.0094	0.0087	0	0.0000	0.0000	0.0000	0.0000	3	3.2295	0.2749	0.0937	0.0862	1	0.1263	0.0068	0.0102	0.0094
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	3	0.7326	0.0518	0.0105	0.0096	1	8.8398	0.7986	0.2709	0.2491	2	0.4244	0.0131	0.0051	0.0047	1	0.1263	0.0068	0.0102	0.0094
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	95	1.9112	0.2325	0.0438	0.0402	41	2.3086	0.2215	0.0428	0.0394	27	2.2317	0.1846	0.0402	0.0367	21	2.1116	0.3347	0.0538	0.0495
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	96	1.7940	0.1870	0.0429	0.0392	71	1.6767	0.1462	0.0362	0.0333	41	0.9111	0.1150	0.0200	0.0183	21	2.1244	0.3358	0.0539	0.0497
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	12	5.7267	0.3694	0.0975	0.0890	6	3.6106	0.2139	0.0464	0.0427	3	3.0565	0.3432	0.0608	0.0560	1	0.1263	0.0068	0.0102	0.0094
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	3	0.5283	0.0153	0.0034	0.0032	6	4.9273	0.4616	0.0790	0.0727	3	0.5283	0.0153	0.0034	0.0032	1	0.1263	0.0068	0.0102	0.0094
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	1	0.1263	0.0068	0.0102	0.0094	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	1	0.7224	0.0194	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	11	4.5805	0.3016	0.0834	0.0759	6	3.6106	0.2139	0.0464	0.0427	3	3.0565	0.3432	0.0608	0.0560	1	0.1263	0.0068	0.0102	0.0094
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	3	0.5283	0.0153	0.0034	0.0032	6	4.9273	0.4616	0.0790	0.0727	3	0.5283	0.0153	0.0034	0.0032	1	0.1263	0.0068	0.0102	0.0094
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	119	1.9236	0.2304	0.0433	0.0398	52	2.0494	0.2170	0.0377	0.0345	40	1.5322	0.1376	0.0326	0.0292	28	1.6628	0.1766	0.0376	0.0343
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	114	1.7315	0.2044	0.0399	0.0363	85	1.5977	0.1800	0.0314	0.0289	44	0.9846	0.1327	0.0206	0.0189	24	1.8807	0.2032	0.0400	0.0368
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	135	14.2240	1.0039	0.3077	0.2831	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831	35	14.2240	1.0039	0.3077	0.2831
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	74	14.2240	1.0039	0.3077	0.2831	66	14.2240	1.0039	0.3077	0.2831
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	16	14.2240	1.0039	0.3077	0.2831	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	148	14.2240	1.0039	0.3077	0.2831	132	14.2240	1.0039	0.3077	0.2831
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	29	2.5330	0.4160	0.0669	0.0613	18	2.7282	0.4728	0.0690	0.0634	11	2.4856	0.3973	0.0624	0.0574	15	2.4103	0.4228	0.0593	0.0546
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	25	2.8559	0.4769	0.0738	0.0679	16	3.0543	0.4849	0.0801	0.0737	10	2.7453	0.4384	0.0679	0.0625	13	2.7078	0.4809	0.0668	0.0615
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	22	1.9371	0.3191	0.0526	0.0481	15	1.9967	0.2917	0.0530	0.0488	9	1.7671	0.3102	0.0435	0.0400	11	2.1124	0.3177	0.0584	0.0537
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	21	1.9817	0.3321	0.0522	0.0480	14	2.1795	0.3483	0.0593	0.0546	8	1.9749	0.3483	0.0478	0.0440	10	1.7421	0.3382	0.0448	0.0412
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	29	2.5330	0.4160	0.0669	0.0613	18	2.7282	0.4728	0.0690	0.0634	11	2.4856	0.3973	0.0624	0.0574	15	2.4103	0.4228	0.0593	0.0546
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	25	2.8559	0.4769	0.0738	0.0679	16	3.0543	0.4849	0.0801	0.0737	10	2.7453	0.4384	0.0679	0.0625	13	2.7078	0.4809	0.0668	0.0615
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	18	2.1628	0.3486	0.0564	0.0519	12	2.0070	0.2983	0.0545	0.0502	8	1.9749	0.3483	0.0478	0.0440	9	1.7671	0.3102	0.0435	0.0400
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	18	2.1059	0.3209	0.0569	0.0523	11	1.5932	0.3080	0.0416	0.0383	8	1.9749	0.3483	0.0478	0.0440	10	1.7421	0.3382	0.0448	0.0412
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	16	2.0307	0.3415	0.0527	0.0485	10	1.6752	0.2877	0.0404	0.0372	8	1.9749	0.3483	0.0478	0.0440	9	1.7671	0.3102	0.0435	0.0400
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	17	2.2236	0.3395	0.0597	0.0549	10	1.7421	0.3382	0.0448	0.0412	8	1.9749	0.3483	0.0478	0.0440	9	1.9240	0.3751	0.0488	0.0449
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	4	0.2019	0.2542	0.0505	0.0464	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	1	0.1106	0.0060	0.0100	0.0093
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	2	3.4480	0.4501	0.0866	0.0797	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	4	0.2019	0.2542	0.0505	0.0464	1	0.1106	0.0060	0.0100	0.0093	1	0.1106	0.0060	0.0100	0.0093	1	0.1106	0.0060	0.0100	0.0093
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	2	3.4480	0.4501	0.0866	0.0797	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	36	2.8919	0.4464	0.0761	0.0698	22	3.1414	0.4920	0.0826	0.0760	14	3.2224	0.4825	0.0816	0.0751	17	2.8720	0.4678	0.0715	0.0657
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	30	3.3947	0.5306	0.0876	0.0806	19	3.5074	0.5338	0.0915	0.0842	12	3.2409	0.4969	0.0812	0.0747	15	3.1914	0.5241	0.0796	0.0732
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	6	5.3790	0.7977	0.1473	0.1355	34	5.1196	0.7495	0.1382	0.1271	104	5.3252	0.7859	0.1440	0.1325
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	5.9305	0.8143	0.1499	0.1379	10	5.4311	0.7354	0.1349	0.1241
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	18	2.7282	0.4728	0.0690	0.0634	28	2.6197	0.4306	0.0689	0.0631	114	2.7937	0.4407	0.0704	0.0646	268	2.5029	0.3545	0.0667	0.0612
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	16	3.0543	0.4849	0.0801	0.0737	25	2.8559	0.4769	0.0738	0.0679	104	2.9219	0.4625	0.0728	0.0669	407	2.8048	0.3395	0.0736	0.0674
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	15	1.9967	0.2917	0.0530	0.0488	22	1.9371	0.3191	0.0526	0.0481	94	2.0462	0.3202	0.0508	0.0466	216	2.5827	0.3129	0.0728	0.0667
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	14	2.1795	0.3483	0.0593	0.0546	21	1.9817	0.3321	0.0522	0.0480	90	2.1103	0.3329	0.0526	0.0483	489	1.8960	0.2098	0.0515	0.0472
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	18	2.7282	0.4728	0.0690	0.0634	28	2.6197	0.4306	0.0689	0.0631	114	2.7930	0.4406	0.0704	0.0646	268	2.5029	0.3545	0.0667	0.0612
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	16	3.0543	0.4849	0.0801	0.0737	25	2.8559	0.4769	0.0738	0.0679	104	2.9213	0.4624	0.0727	0.0668	407	2.8048	0.3395	0.0736	0.0674
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	5	1.9017	0.4324	0.0454	0.0418	38	1.6292	0.1988	0.0501	0.0461
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.3493	0.5390	0.0542	0.0499	8	2.2374	0.2083	0.0674	0.0621
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	15	2.4472	0.3972	0.0628	0.0578	33	2.4417	0.3555	0.0641	0.0588
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	14	2.5314	0.4167	0.0659	0.0606	23	2.0137	0.2975	0.0508	0.0464
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	15	2.4022	0.3889	0.0613	0.0563	32	2.8594	0.3735	0.0774	0.0710
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	14	2.4856	0.4080	0.0642	0.0591	27	2.7807	0.3956	0.0732	0.0671
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	12	2.0070	0.2983	0.0545	0.0502	18	2.1628	0.3486	0.0564	0.0519	85	2.1950	0.3331	0.0554	0.0508	201	2.5740	0.3102	0.0731	0.0670
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	11	1.5932	0.3080	0.0416	0.0383	18	2.1059	0.3209	0.0569	0.0523	80	2.2383	0.3426	0.0567	0.0521	463	1.9273	0.2151	0.0523	0.0478
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	6	1.6937	0.3603	0.0374	0.0344	6	3.5930	0.6774	0.0860	0.0791
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.3299	0.5340	0.0536	0.0493	17	0.8654	0.1299	0.0261	0.0240
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	2	2.7854	0.4313	0.0716	0.0659
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	10	1.6752	0.2877	0.0404	0.0372	16	2.0307	0.3415	0.0527	0.0485	72	2.0520	0.3270	0.0500	0.0459	170	2.6188	0.3110	0.0749	0.0686
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	10	1.7421	0.3382	0.0448	0.0412	17	2.2236	0.3395	0.0597	0.0549	69	2.1423	0.3186	0.0536	0.0492	358	1.9034	0.2161	0.0542	0.0495
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.1106	0.0060	0.0100	0.0093	4	2.0219	0.2542	0.0505	0.0464	18	2.4258	0.3779	0.0619	0.0569	53	2.5652	0.3285	0.0722	0.0661
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.1106	0.0060	0.0100	0.0093	2	3.4480	0.4501	0.0866	0.0797	9	2.0657	0.3606	0.0475	0.0437	91	2.3582	0.2700	0.0573	0.0526
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.1106	0.0060	0.0100	0.0093	5	3.7844	0.5862	0.1143	0.1051
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	6.7486	0.8535	0.1821	0.1675	18	3.6221	0.4660	0.1041	0.0957
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.1106	0.0060	0.0100	0.0093	4	2.0219	0.2542	0.0505	0.0464	18	2.4258	0.3779	0.0619	0.0569	57	2.7862	0.3691	0.0797	0.0730
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.1106	0.0060	0.0100	0.0093	2	3.4480	0.4501	0.0866	0.0797	13	3.0356	0.4542	0.0772	0.0710	120	2.5802	0.3070	0.0684	0.0628
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	22	3.1414	0.4920	0.0826	0.0760	35	2.9715	0.4590	0.0780	0.0715	137	3.1611	0.4885	0.0800	0.0735	441	2.4822	0.3102	0.0671	0.0614
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	19	3.5074	0.5338	0.0915	0.0842	30	3.3947	0.5306	0.0876	0.0806	122	3.3640	0.5146	0.0843	0.0775	384	2.7434	0.3441	0.0729	0.0669
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	13.3814	3.4616	0.2145	0.1973
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	12.7556	3.1533	0.2145	0.1973
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	13.1181	3.3318	0.2145	0.1973
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	23.2382	8.3162	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	38.0995	15.6357	0.2145	0.1973
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	74	28.1781	10.7492	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	74	26.7815	10.0613	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973	74	15.6383	4.5731	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	43.0129	18.0556	0.2145	0.1973
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	11.9262	2.7448	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	148	15.3625	4.4373	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	119	6.7132	0.9898	0.1805	0.1661	151	7.2837	1.1616	0.1952	0.1796	161	7.8308	1.1954	0.2100	0.1933	149	7.4230	1.1827	0.1985	0.1827
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	117	7.6187	1.1338	0.2035	0.1873	132	7.7550	1.1761	0.2084	0.1918	140	7.4555	1.1614	0.1996	0.1837	172	7.0223	1.1200	0.1880	0.1729
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	518	3.0293	0.4695	0.0753	0.0692	435	3.4158	0.5295	0.0831	0.0764	529	3.1404	0.5282	0.0774	0.0712	611	2.6970	0.4470	0.0643	0.0591
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	487	3.6351	0.5608	0.0926	0.0851	304	4.7313	0.7675	0.1196	0.1100	268	4.6181	0.8034	0.1158	0.1065	294	4.8013	0.7599	0.1222	0.1124
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	379	3.0072	0.4161	0.0742	0.0682	360	2.8241	0.4494	0.0665	0.0611	444	2.4676	0.4325	0.0580	0.0533	541	2.1053	0.3595	0.0483	0.0444
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	669	1.7051	0.2466	0.0442	0.0406	584	1.9594	0.3099	0.0475	0.0436	479	2.2862	0.3882	0.0539	0.0495	422	2.4170	0.4176	0.0558	0.0513
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	518	3.0285	0.4694	0.0753	0.0692	435	3.4158	0.5295	0.0831	0.0764	529	3.1394	0.5280	0.0774	0.0712	611	2.6960	0.4468	0.0643	0.0591
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	489	3.6356	0.5651	0.0925	0.0850	300	4.8071	0.7705	0.1217	0.1120	269	4.6295	0.8021	0.1162	0.1069	294	4.7921	0.7657	0.1217	0.1120
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	50	1.2975	0.2133	0.0373	0.0344	49	1.5353	0.3067	0.0427	0.0393	37	1.6469	0.4567	0.0386	0.0355	40	2.9135	0.5424	0.0803	0.0735
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	10	1.9391	0.1707	0.0539	0.0497	15	3.5362	0.5649	0.0933	0.0858	17	1.7866	0.2142	0.0441	0.0406	31	2.1790	0.3513	0.0609	0.0561
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	1.1474	0.1121	0.0183	0.0168	11	0.7187	0.1060	0.0160	0.0147	6	0.5654	0.0346	0.0190	0.0163	4	0.4287	0.0132	0.0051	0.0047
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	2	0.7390	0.0201	0.0000	0.0000	7	0.6113	0.1234	0.0172	0.0158	8	0.5679	0.0395	0.0105	0.0096
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	88	1.9672	0.3156	0.0543	0.0498	85	1.9151	0.3448	0.0522	0.0480	67	2.0627	0.4387	0.0523	0.0479	70	2.7904	0.4908	0.0764	0.0699
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	31	2.1966	0.3058	0.0583	0.0534	41	2.9386	0.4620	0.0761	0.0698	48	2.1293	0.3147	0.0548	0.0503	65	2.2576	0.3546	0.0612	0.0562
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	83	2.2291	0.3567	0.0585	0.0535	88	1.7247	0.2833	0.0450	0.0413	81	1.9958	0.4415	0.0488	0.0447	68	2.5069	0.5335	0.0615	0.0564
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	43	3.1049	0.4678	0.0807	0.0741	45	2.3961	0.4489	0.0567	0.0521	62	2.2699	0.4651	0.0563	0.0516	81	2.0078	0.3936	0.0500	0.0459
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	339	3.0124	0.4177	0.0737	0.0677	306	2.9206	0.4535	0.0687	0.0631	381	2.5500	0.4357	0.0596	0.0547	462	2.1723	0.3470	0.0498	0.0458
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	558	1.7207	0.2460	0.0444	0.0407	470	2.1060	0.3267	0.0506	0.0464	409	2.4148	0.3945	0.0570	0.0523	357	2.4056	0.3933	0.0554	0.0509
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	13	3.4589	0.4628	0.0830	0.0763	34	2.7481	0.6264	0.0631	0.0580	39	2.6072	0.6870	0.0610	0.0561	34	2.6845	0.7421	0.0594	0.0546
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	40	1.5068	0.2250	0.0408	0.0373	49	1.7883	0.4559	0.0424	0.0389	29	2.3705	0.6591	0.0551	0.0505	33	3.2945	0.6702	0.0762	0.0701
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	5.4602	0.8565	0.1333	0.1225	2	0.1106	0.0060	0.0100	0.0093	2	3.3398	0.4878	0.0763	0.0701	6	3.3900	0.3374	0.0940	0.0865
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	5.4602	0.8565	0.1333	0.1225	4	3.4076	0.4171	0.1003	0.0923	3	2.5878	0.3622	0.0570	0.0524	2	1.2194	0.1190	0.0194	0.0178
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	292	2.7062	0.3663	0.0664	0.0609	270	2.7946	0.4447	0.0654	0.0601	332	2.2165	0.3922	0.0504	0.0463	394	2.0949	0.3331	0.0469	0.0431
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	454	1.8053	0.2665	0.0459	0.0421	416	2.0654	0.3190	0.0498	0.0457	358	2.1201	0.3494	0.0491	0.0451	331	2.0765	0.3523	0.0462	0.0424
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	90	3.8939	0.6311	0.0959	0.0882	81	3.0242	0.4925	0.0726	0.0668	78	4.2750	0.7421	0.1094	0.1006	121	2.7228	0.4848	0.0693	0.0638
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	117	1.6713	0.2065	0.0494	0.0452	74	2.3925	0.3720	0.0565	0.0518	49	3.9294	0.7461	0.0963	0.0886	30	2.9995	0.5788	0.0755	0.0695
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	4	1.9563	0.7186	0.0376	0.0346	2	0.4213	0.0130	0.0050	0.0047	7	1.6510	0.2515	0.0458	0.0421	6	0.4166	0.0376	0.0122	0.0112
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	10	1.3804	0.4184	0.0233	0.0214	10	2.3382	0.5056	0.0563	0.0518	19	5.1942	0.7293	0.1296	0.1193	27	5.3300	0.7482	0.1300	0.1195
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	92	3.9448	0.6653	0.0973	0.0894	83	3.0078	0.4893	0.0723	0.0665	85	4.1382	0.7186	0.1070	0.0985	127	2.6693	0.4737	0.0682	0.0628
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	126	1.6942	0.2305	0.0483	0.0442	84	2.4947	0.4116	0.0601	0.0551	68	4.5503	0.8024	0.1158	0.1066	58	4.4233	0.7234	0.1125	0.1036
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	631	3.5104	0.5203	0.0879	0.0808	567	3.9538	0.5864	0.0979	0.0900	666	3.6168	0.5755	0.0901	0.0829	780	3.2416	0.5101	0.0791	0.0728
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	604	3.9001	0.5822	0.0994	0.0914	451	4.9922	0.7677	0.1267	0.1165	426	5.0622	0.7948	0.1281	0.1178	441	5.0316	0.7701	0.1279	0.1177
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	9.3238	2.1374	0.3623	0.3333	284	9.7228	2.1470	0.3763	0.3462	253	9.1634	2.1328	0.3567	0.3282	245	9.4220	2.1405	0.3657	0.3364
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	9.3238	2.1374	0.3623	0.3333	284	9.7228	2.1470	0.3763	0.3462	253	9.1634	2.1328	0.3567	0.3282	245	9.4220	2.1405	0.3657	0.3364
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	9.3238	2.1374	0.3623	0.3333	284	9.7228	2.1470	0.3763	0.3462	253	9.1634	2.1328	0.3567	0.3282	245	9.4220	2.1405	0.3657	0.3364
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	9.3238	2.1374	0.3623	0.3333	284	9.7228	2.1470	0.3763	0.3462	253	9.1634	2.1328	0.3567	0.3282	245	9.4220	2.1405	0.3657	0.3364
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	9.3238	2.1374	0.3623	0.3333	284	9.7228	2.1470	0.3763	0.3462	253	9.1634	2.1328	0.3567	0.3282	245	9.4220	2.1405	0.3657	0.3364
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	9.4074	2.1377	0.3654	0.3361	29	9.7409	2.1474	0.3769	0.3468	26	9.1364	2.1338	0.3557	0.3272	25	9.3143	2.1368	0.3620	0.3330
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	9.3975	2.1324	0.3654	0.3362	15	9.7258	2.1450	0.3766	0.3464	14	9.2411	2.1360	0.3593	0.3306	14	9.2411	2.1360	0.3593	0.3306
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	9.3975	2.1324	0.3654	0.3362	15	9.7258	2.1450	0.3766	0.3464	14	9.2411	2.1360	0.3593	0.3306	14	9.2411	2.1360	0.3593	0.3306
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	99	9.3145	2.1374	0.3620	0.3330	255	9.7207	2.1470	0.3762	0.3461	227	9.1665	2.1327	0.3569	0.3283	220	9.4343	2.1409	0.3661	0.3368
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	112	7.2148	1.1069	0.1937	0.1782	126	7.4541	1.1126	0.1995	0.1835	122	7.8537	1.1825	0.2112	0.1943	123	7.8575	1.2126	0.2110	0.1942
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	84	6.7809	1.1345	0.1795	0.1651	142	7.5161	1.1446	0.2024	0.1862	135	7.8189	1.1979	0.2099	0.1931	126	7.6872	1.1699	0.2070	0.1905
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	502	2.7921	0.4337	0.0684	0.0628	498	3.0186	0.4939	0.0748	0.0687	442	3.5895	0.6030	0.0884	0.0812	497	3.0139	0.5292	0.0736	0.0676
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	196	4.3377	0.7295	0.1085	0.0998	267	4.5584	0.7353	0.1153	0.1060	313	4.7254	0.8254	0.1178	0.1083	247	4.7458	0.7861	0.1201	0.1104
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	406	2.2015	0.3457	0.0516	0.0473	513	2.7145	0.4560	0.0660	0.0606	285	2.7334	0.4581	0.0660	0.0605	371	2.3788	0.4197	0.0571	0.0525
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	375	2.5236	0.3901	0.0606	0.0557	434	2.4185	0.3924	0.0594	0.0546	369	2.7381	0.4545	0.0660	0.0607	301	2.8983	0.5038	0.0707	0.0651
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	502	2.7921	0.4337	0.0684	0.0628	498	3.0186	0.4939	0.0748	0.0687	442	3.5895	0.6030	0.0884	0.0812	497	3.0139	0.5292	0.0736	0.0676
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	193	4.3650	0.7311	0.1092	0.1005	265	4.6081	0.7434	0.1166	0.1072	312	4.7244	0.8211	0.1179	0.1084	249	4.7384	0.7873	0.1198	0.1102
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	26	2.3109	0.5017	0.0547	0.0503	31	2.6307	0.5734	0.0640	0.0589	44	3.2477	0.5349	0.0826	0.0760	24	3.3164	0.6762	0.0812	0.0747
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	21	2.3695	0.5087	0.0556	0.0511	26	2.9311	0.5993	0.0706	0.0649	32	3.6700	0.6937	0.0938	0.0863	37	3.0888	0.5904	0.0781	0.0718
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	3	0.4914	0.0447	0.0135	0.0124	1	1.2350	0.1204	0.0197	0.0180	2	6.8378	0.9040	0.1653	0.1521	2	0.1111	0.0060	0.0102	0.0093
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	6	0.6208	0.0581	0.0142	0.0131	4	0.6787	0.0498	0.0266	0.0227	1	0.1111	0.0060	0.0102	0.0093	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	46	2.6771	0.4565	0.0697	0.0640	65	2.4260	0.4135	0.0636	0.0582	60	3.3626	0.5482	0.0869	0.0799	42	2.8727	0.5441	0.0725	0.0665
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	39	2.6441	0.4142	0.0718	0.0658	80	2.7414	0.4634	0.0738	0.0676	50	3.3834	0.6107	0.0880	0.0808	54	3.0816	0.5610	0.0795	0.0730
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	50	2.8682	0.5003	0.0722	0.0663	69	2.2645	0.3956	0.0584	0.0535	56	2.6481	0.5350	0.0654	0.0601	50	2.8517	0.5429	0.0705	0.0647
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	61	2.5706	0.5172	0.0637	0.0585	86	2.3790	0.3992	0.0611	0.0559	46	2.8993	0.6226	0.0695	0.0636	56	2.8087	0.5374	0.0711	0.0653
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	341	2.2833	0.3556	0.0526	0.0482	424	2.8730	0.4679	0.0696	0.0639	243	2.7443	0.4400	0.0665	0.0610	319	2.3951	0.4064	0.0573	0.0526
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	333	2.5357	0.3836	0.0606	0.0557	356	2.5250	0.3894	0.0618	0.0568	317	2.8443	0.4554	0.0686	0.0631	261	2.9288	0.4963	0.0712	0.0655
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	41	1.6095	0.2570	0.0396	0.0364	33	2.3868	0.6696	0.0559	0.0514	27	3.1945	0.7702	0.0749	0.0687	31	2.3914	0.5999	0.0552	0.0505
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	26	2.1597	0.5153	0.0470	0.0433	39	2.4619	0.6119	0.0581	0.0534	29	2.6539	0.7341	0.0605	0.0556	23	3.2328	0.6944	0.0801	0.0736
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	2.7672	0.5918	0.0635	0.0584	9	3.9529	0.5150	0.1020	0.0938	8	4.5224	0.6674	0.1127	0.1037	3	2.7899	0.6851	0.0668	0.0615
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	2.4329	0.5821	0.0559	0.0514	5	4.7691	0.5641	0.1225	0.1127	6	4.1499	0.5918	0.1034	0.0952	7	3.5287	0.7327	0.0823	0.0757
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	301	2.0780	0.3283	0.0468	0.0430	405	2.5776	0.4297	0.0618	0.0567	217	2.5080	0.4081	0.0599	0.0549	270	2.3373	0.4089	0.0551	0.0506
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	283	2.4594	0.3745	0.0577	0.0531	307	2.4320	0.3733	0.0591	0.0543	278	2.6419	0.4319	0.0629	0.0578	222	2.8860	0.4823	0.0697	0.0641
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	75	3.0897	0.4696	0.0761	0.0699	64	4.2422	0.6593	0.1049	0.0964	55	3.6810	0.6588	0.0920	0.0844	80	3.0128	0.4686	0.0766	0.0705
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	32	3.1958	0.5077	0.0756	0.0695	40	3.8472	0.6317	0.0944	0.0868	41	3.9643	0.6402	0.0984	0.0903	48	2.9004	0.5594	0.0707	0.0650
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	3	0.4166	0.0376	0.0122	0.0112	4	0.3402	0.0297	0.0117	0.0107	4	0.5694	0.0534	0.0132	0.0122	9	0.4122	0.0312	0.0108	0.0101
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	9	4.3563	0.6106	0.1043	0.0960	13	4.7555	0.7305	0.1143	0.1051	12	4.1473	0.6111	0.1012	0.0931	11	2.9432	0.4613	0.0693	0.0638
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	74	3.0571	0.4673	0.0765	0.0701	61	4.0485	0.6044	0.1011	0.0930	57	3.5971	0.6448	0.0906	0.0831	85	2.8930	0.4495	0.0740	0.0681
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	69	2.9060	0.4474	0.0753	0.0691	66	2.9928	0.4991	0.0752	0.0691	54	4.2012	0.6746	0.1065	0.0979	57	3.2121	0.5988	0.0793	0.0730
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	583	3.1170	0.4819	0.0769	0.0707	633	3.5879	0.5518	0.0899	0.0826	571	4.0852	0.6438	0.1018	0.0936	618	3.5359	0.5740	0.0877	0.0807
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	303	4.7117	0.7290	0.1190	0.1095	387	4.9679	0.7484	0.1264	0.1163	428	5.0216	0.8075	0.1264	0.1163	366	5.0962	0.7899	0.1295	0.1191
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	9.2946	2.1391	0.3611	0.3322	215	9.3613	2.1358	0.3638	0.3347	293	9.1132	2.1264	0.3554	0.3270	256	9.1828	2.1322	0.3575	0.3289
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	9.2946	2.1391	0.3611	0.3322	215	9.3613	2.1358	0.3638	0.3347	293	9.1132	2.1264	0.3554	0.3270	256	9.1828	2.1322	0.3575	0.3289
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	9.2946	2.1391	0.3611	0.3322	215	9.3613	2.1358	0.3638	0.3347	293	9.1132	2.1264	0.3554	0.3270	256	9.1828	2.1322	0.3575	0.3289
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	9.2946	2.1391	0.3611	0.3322	215	9.3613	2.1358	0.3638	0.3347	293	9.1132	2.1264	0.3554	0.3270	256	9.1828	2.1322	0.3575	0.3289
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	9.2946	2.1391	0.3611	0.3322	215	9.3613	2.1358	0.3638	0.3347	293	9.1132	2.1264	0.3554	0.3270	256	9.1828	2.1322	0.3575	0.3289
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	19	9.2880	2.1381	0.3609	0.3320	22	9.4074	2.1377	0.3654	0.3361	29	9.1521	2.1277	0.3567	0.3282	27	9.1420	2.1316	0.3560	0.3276
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	9.4193	2.1440	0.3653	0.3361	11	9.4074	2.1377	0.3654	0.3361	15	9.2442	2.1320	0.3598	0.3310	14	9.2411	2.1360	0.3593	0.3306
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	9.4193	2.1440	0.3653	0.3361	11	9.4074	2.1377	0.3654	0.3361	15	9.2442	2.1320	0.3598	0.3310	14	9.2411	2.1360	0.3593	0.3306
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	179	9.2953	2.1392	0.3611	0.3322	193	9.3561	2.1356	0.3636	0.3345	264	9.1089	2.1263	0.3553	0.3268	231	9.1686	2.1317	0.3570	0.3285
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	112	7.6424	1.1553	0.2047	0.1884	45	7.9441	1.1709	0.2128	0.1957	1	8.4275	1.2087	0.2248	0.2068	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	133	7.2950	1.0923	0.1966	0.1809	85	6.6214	0.9755	0.1784	0.1641	26	1.8383	0.2495	0.0548	0.0505	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	536	2.5925	0.4333	0.0637	0.0585	847	2.0354	0.2853	0.0547	0.0500	329	2.1854	0.3335	0.0557	0.0509	256	2.1353	0.2669	0.0559	0.0512
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	249	4.8000	0.7962	0.1210	0.1113	244	4.6764	0.7749	0.1191	0.1096	48	3.2341	0.6199	0.0797	0.0733	211	2.5254	0.3101	0.0647	0.0593
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	483	2.0284	0.3467	0.0498	0.0456	740	1.7983	0.2329	0.0494	0.0452	438	1.6010	0.2287	0.0447	0.0408	262	1.5885	0.1896	0.0444	0.0405
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	328	3.1830	0.4685	0.0813	0.0747	302	3.3174	0.4544	0.0866	0.0796	203	2.0276	0.2997	0.0506	0.0463	177	2.5355	0.2867	0.0647	0.0593
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	536	2.5916	0.4331	0.0637	0.0585	847	2.0346	0.2851	0.0546	0.0500	329	2.1847	0.3334	0.0556	0.0509	256	2.1353	0.2669	0.0559	0.0512
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	250	4.7807	0.7987	0.1204	0.1107	241	4.7602	0.7762	0.1215	0.1118	47	3.3007	0.6330	0.0812	0.0747	220	2.4264	0.2976	0.0624	0.0572
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	23	3.3067	0.8226	0.0790	0.0727	37	4.1100	0.7224	0.1041	0.0958	12	4.0148	0.6795	0.1024	0.0942	1	5.4602	0.8565	0.1333	0.1225
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	37	2.1553	0.4889	0.0542	0.0499	55	3.0125	0.5823	0.0774	0.0712	18	2.8630	0.5608	0.0724	0.0666	4	2.3493	0.5390	0.0542	0.0499
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	2	4.0092	0.3986	0.1281	0.1179	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	0.9143	0.0881	0.0167	0.0153	0	0.0000	0.0000	0.0000	0.0000	3	7.2550	0.8764	0.1947	0.1791	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	44	3.0753	0.6341	0.0780	0.0716	51	3.8001	0.6618	0.0982	0.0903	37	2.1210	0.3532	0.0610	0.0555	20	3.1537	0.4270	0.0888	0.0817
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	62	2.4170	0.4609	0.0636	0.0582	78	3.1424	0.5837	0.0827	0.0761	38	2.2986	0.3910	0.0644	0.0591	19	2.8805	0.4052	0.0798	0.0734
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	48	2.9611	0.5961	0.0742	0.0681	45	3.5741	0.5860	0.0920	0.0845	34	2.1759	0.3649	0.0606	0.0553	20	3.0939	0.4174	0.0865	0.0796
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	68	2.1076	0.4613	0.0526	0.0480	83	2.8211	0.4795	0.0740	0.0679	40	2.1976	0.3854	0.0593	0.0544	19	2.8258	0.3962	0.0777	0.0715
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	400	2.0811	0.3430	0.0506	0.0464	635	1.7979	0.2168	0.0501	0.0457	374	1.6398	0.2346	0.0447	0.0407	249	1.6320	0.1937	0.0454	0.0415
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	276	3.2306	0.4547	0.0830	0.0763	260	3.3706	0.4549	0.0881	0.0810	181	2.0710	0.2991	0.0507	0.0464	170	2.5664	0.2908	0.0650	0.0596
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	39	2.3434	0.4432	0.0616	0.0565	39	1.5198	0.2870	0.0369	0.0337	40	0.9509	0.0883	0.0357	0.0326	7	0.7665	0.1372	0.0265	0.0233
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	28	3.4122	0.6165	0.0817	0.0752	17	3.4434	0.4253	0.0883	0.0813	3	0.6484	0.2275	0.0255	0.0235	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	5	3.0272	0.9380	0.0649	0.0597	4	0.6730	0.0632	0.0149	0.0136	5	2.3302	1.0704	0.0492	0.0453	1	7.8367	0.7820	0.2430	0.2235
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	6	3.6706	0.8289	0.0953	0.0877	2	0.1106	0.0060	0.0100	0.0093	5	2.3302	1.0704	0.0492	0.0453	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	349	2.1203	0.3464	0.0510	0.0468	456	1.9045	0.2519	0.0541	0.0494	326	1.7705	0.2560	0.0473	0.0432	197	1.8551	0.2123	0.0506	0.0463
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	236	2.9030	0.4096	0.0720	0.0661	249	3.3377	0.4580	0.0891	0.0819	170	2.0002	0.3009	0.0505	0.0462	149	2.4764	0.2864	0.0615	0.0566
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	83	1.8906	0.3341	0.0467	0.0428	201	2.5485	0.2803	0.0757	0.0692	55	1.3384	0.1699	0.0430	0.0392	74	2.2881	0.2578	0.0691	0.0634
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	46	3.5938	0.4955	0.0973	0.0893	23	4.1098	0.5782	0.0898	0.0823	12	2.8905	0.2525	0.0531	0.0489	24	3.2962	0.3335	0.0761	0.0687
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	13	2.0326	0.3392	0.0558	0.0513	14	2.7861	0.4297	0.0866	0.0797	6	1.4105	0.1369	0.0495	0.0455	9	2.1714	0.3319	0.0688	0.0634
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	19	5.1245	0.7685	0.1405	0.1292	8	7.9807	0.8007	0.2493	0.2293	4	3.5645	0.4207	0.0978	0.0900	7	5.0521	0.6467	0.1505	0.1385
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	94	2.0607	0.3640	0.0528	0.0484	214	2.6418	0.2899	0.0797	0.0730	59	1.2938	0.1634	0.0417	0.0380	81	2.2850	0.2721	0.0697	0.0640
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	66	4.5842	0.6614	0.1282	0.1178	30	5.2912	0.6262	0.1378	0.1266	16	3.0894	0.2986	0.0654	0.0601	33	3.5250	0.3542	0.0920	0.0835
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	663	3.1507	0.4900	0.0786	0.0722	929	2.2916	0.3172	0.0612	0.0559	356	2.1374	0.3226	0.0547	0.0500	258	1.5854	0.2025	0.0449	0.0411
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	359	5.0715	0.7899	0.1284	0.1180	284	4.9420	0.7769	0.1263	0.1162	48	3.3639	0.6365	0.0829	0.0762	151	2.2257	0.3021	0.0547	0.0502
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	9.2731	2.1323	0.3608	0.3320	274	9.2592	2.1299	0.3605	0.3317	51	8.4895	2.1262	0.3323	0.3057	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	9.2731	2.1323	0.3608	0.3320	274	9.2592	2.1299	0.3605	0.3317	51	8.4895	2.1262	0.3323	0.3057	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	9.2731	2.1323	0.3608	0.3320	274	9.2592	2.1299	0.3605	0.3317	51	8.4895	2.1262	0.3323	0.3057	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	9.2731	2.1323	0.3608	0.3320	274	9.2592	2.1299	0.3605	0.3317	51	8.4895	2.1262	0.3323	0.3057	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	9.2731	2.1323	0.3608	0.3320	274	9.2592	2.1299	0.3605	0.3317	51	8.4895	2.1262	0.3323	0.3057	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	21	9.2880	2.1321	0.3614	0.3325	27	9.3123	2.1322	0.3623	0.3333	6	8.6312	2.1300	0.3373	0.3103	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	9.4074	2.1377	0.3654	0.3361	15	9.2442	2.1320	0.3598	0.3310	3	8.6312	2.1300	0.3373	0.3103	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	9.4074	2.1377	0.3654	0.3361	15	9.2442	2.1320	0.3598	0.3310	3	8.6312	2.1300	0.3373	0.3103	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	200	9.2716	2.1323	0.3608	0.3319	247	9.2534	2.1297	0.3603	0.3315	45	8.4706	2.1257	0.3317	0.3051	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126	17	11.9149	2.2553	0.4485	0.4126

Appendix F2 - Calculations of Composite Emission Factors (Year 2025)

Year		2025	Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	125	1.9692	0.2557	0.0473	0.0434	79	2.1982	0.2583	0.0473	0.0434	42	1.2762	0.1517	0.0288	0.0263	39	2.5628	0.4192	0.0670	0.0614
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	108	2.2009	0.2827	0.0513	0.0471	69	2.3840	0.2678	0.0498	0.0457	37	1.4081	0.1567	0.0303	0.0277	37	3.1663	0.4685	0.0755	0.0695
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	115	1.9363	0.2153	0.0435	0.0399	56	2.2578	0.2591	0.0426	0.0389	33	2.2366	0.1922	0.0460	0.0421	36	2.2969	0.3232	0.0544	0.0499
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	106	1.6516	0.1972	0.0397	0.0364	80	1.9190	0.1920	0.0423	0.0389	47	0.8205	0.0965	0.0178	0.0162	36	2.3421	0.3400	0.0558	0.0512
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	125	1.9685	0.2556	0.0473	0.0433	79	2.1982	0.2583	0.0473	0.0434	42	1.2762	0.1517	0.0288	0.0263	39	2.5628	0.4192	0.0670	0.0614
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	108	2.2003	0.2826	0.0513	0.0471	69	2.3840	0.2678	0.0498	0.0457	37	1.4081	0.1567	0.0303	0.0277	37	3.1663	0.4685	0.0755	0.0695
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	9	2.6662	0.4934	0.0670	0.0616	3	1.5082	0.4349	0.0239	0.0221	2	0.6650	0.0625	0.0147	0.0136	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	9	1.9465	0.2166	0.0556	0.0513	9	1.0041	0.2888	0.0262	0.0233	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	10	2.6531	0.5580	0.0651	0.0599	4	1.8042	0.6169	0.0315	0.0290	2	0.6650	0.0625	0.0147	0.0136	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	9	1.9284	0.2141	0.0550	0.0506	13	1.2882	0.3931	0.0329	0.0291	2	0.5616	0.0526	0.0131	0.0121	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	110	2.0134	0.2260	0.0443	0.0407	48	2.3789	0.2090	0.0424	0.0390	31	2.1575	0.1848	0.0414	0.0378	29	2.5249	0.3330	0.0600	0.0549
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	100	1.6519	0.1762	0.0395	0.0362	81	1.7714	0.1558	0.0379	0.0348	44	0.8611	0.1040	0.0189	0.0172	27	2.6710	0.3558	0.0618	0.0568
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	4	0.4915	0.0328	0.0090	0.0084	0	0.0000	0.0000	0.0000	0.0000	3	2.8931	0.2693	0.0843	0.0776	1	0.1106	0.0060	0.0100	0.0093
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	3	0.6873	0.0483	0.0098	0.0090	1	7.8367	0.7820	0.2430	0.2235	2	0.4213	0.0130	0.0050	0.0047	1	0.1106	0.0060	0.0100	0.0093
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	100	1.8097	0.2257	0.0424	0.0390	41	2.2538	0.2157	0.0428	0.0394	28	2.1086	0.1721	0.0396	0.0362	21	1.9714	0.3312	0.0521	0.0479
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	98	1.7448	0.1864	0.0427	0.0391	74	1.5514	0.1368	0.0350	0.0322	41	0.8894	0.1106	0.0200	0.0183	21	1.9817	0.3321	0.0522	0.0480
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	12	5.6370	0.3496	0.0977	0.0893	6	3.6128	0.2017	0.0482	0.0443	3	2.8682	0.3416	0.0605	0.0557	1	0.1106	0.0060	0.0100	0.0093
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	3	0.5297	0.0154	0.0034	0.0031	6	4.8523	0.4472	0.0808	0.0743	3	0.5297	0.0154	0.0034	0.0031	1	0.1106	0.0060	0.0100	0.0093
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	1	0.1106	0.0060	0.0100	0.0093	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	1	0.7320	0.0199	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	11	4.4757	0.2862	0.0825	0.0752	6	3.6128	0.2017	0.0482	0.0443	3	2.8682	0.3416	0.0605	0.0557	1	0.1106	0.0060	0.0100	0.0093
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	3	0.5297	0.0154	0.0034	0.0031	6	4.8523	0.4472	0.0808	0.0743	3	0.5297	0.0154	0.0034	0.0031	1	0.1106	0.0060	0.0100	0.0093
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	124	1.8039	0.2259	0.0411	0.0378	53	1.9810	0.2057	0.0373	0.0341	40	1.4944	0.1321	0.0327	0.0294	29	1.5348	0.1651	0.0356	0.0326
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	118	1.6154	0.1940	0.0379	0.0345	88	1.5121	0.1692	0.0306	0.0281	45	0.9380	0.1265	0.0204	0.0186	25	1.7278	0.1891	0.0378	0.0348
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	135	9.2721	1.4376	0.2145	0.1973	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973	35	9.2721	1.4376	0.2145	0.1973
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	74	9.2721	1.4376	0.2145	0.1973	66	9.2721	1.4376	0.2145	0.1973
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	16	9.2721	1.4376	0.2145	0.1973	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	148	9.2721	1.4376	0.2145	0.1973	132	9.2721	1.4376	0.2145	0.1973
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 01					Hour 02					Hour 03					Hour 04				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	32	2.1874	0.4198	0.0668	0.0612	20	2.2939	0.4588	0.0690	0.0634	12	1.9248	0.3614	0.0579	0.0532	16	1.9178	0.3908	0.0561	0.0515
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	28	2.4398	0.4757	0.0732	0.0673	17	2.3310	0.4502	0.0704	0.0647	10	2.3047	0.4341	0.0677	0.0623	14	2.1387	0.4418	0.0627	0.0576
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	23	1.5064	0.2959	0.0460	0.0420	16	1.4926	0.2677	0.0445	0.0409	10	1.3621	0.2745	0.0399	0.0366	12	1.5122	0.2841	0.0464	0.0426
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	22	1.5356	0.3076	0.0455	0.0418	15	1.6357	0.3172	0.0496	0.0455	8	1.6839	0.3421	0.0476	0.0437	11	1.3653	0.2990	0.0410	0.0376
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	32	2.1874	0.4198	0.0668	0.0612	20	2.2939	0.4588	0.0690	0.0634	12	1.9248	0.3614	0.0579	0.0532	16	1.9178	0.3908	0.0561	0.0515
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	28	2.4398	0.4757	0.0732	0.0673	17	2.3310	0.4502	0.0704	0.0647	10	2.3047	0.4341	0.0677	0.0623	14	2.1387	0.4418	0.0627	0.0576
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	19	1.6601	0.3233	0.0489	0.0449	13	1.4473	0.2672	0.0437	0.0401	8	1.6839	0.3421	0.0476	0.0437	10	1.3621	0.2745	0.0399	0.0366
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	19	1.6060	0.2966	0.0491	0.0451	12	1.2578	0.2744	0.0383	0.0352	8	1.6839	0.3421	0.0476	0.0437	11	1.3653	0.2990	0.0410	0.0376
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	17	1.5475	0.3137	0.0447	0.0410	11	1.2991	0.2554	0.0373	0.0342	8	1.6839	0.3421	0.0476	0.0437	10	1.3621	0.2745	0.0399	0.0366
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	18	1.6910	0.3129	0.0513	0.0472	11	1.3653	0.2990	0.0410	0.0376	8	1.6839	0.3421	0.0476	0.0437	9	1.6521	0.3645	0.0480	0.0441
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	4	1.6484	0.2479	0.0496	0.0456	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	1	0.0815	0.0043	0.0099	0.0091
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	2	2.8073	0.4495	0.0860	0.0791	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	4	1.6484	0.2479	0.0496	0.0456	1	0.0815	0.0043	0.0099	0.0091	1	0.0815	0.0043	0.0099	0.0091	1	0.0815	0.0043	0.0099	0.0091
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	2	2.8073	0.4495	0.0860	0.0791	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	38	2.5007	0.4591	0.0769	0.0706	25	2.6353	0.4902	0.0808	0.0743	16	2.6809	0.4713	0.0820	0.0753	19	2.4297	0.4563	0.0726	0.0667
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	33	2.8264	0.5251	0.0857	0.0788	22	2.8973	0.5293	0.0885	0.0814	12	2.7104	0.4944	0.0811	0.0745	17	2.6718	0.5060	0.0800	0.0735
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 05					Hour 06					Hour 07					Hour 08				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	6	4.4170	0.7977	0.1472	0.1354	36	4.3289	0.7719	0.1415	0.1302	113	4.3602	0.7777	0.1424	0.1310
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	4.9003	0.8118	0.1487	0.1368	12	4.4099	0.7137	0.1301	0.1197
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	20	2.2939	0.4588	0.0690	0.0634	31	2.2555	0.4332	0.0686	0.0629	128	2.3111	0.4276	0.0672	0.0618	298	1.9604	0.3424	0.0581	0.0533
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	17	2.3310	0.4502	0.0704	0.0647	28	2.4398	0.4757	0.0732	0.0673	115	2.4076	0.4479	0.0692	0.0636	452	2.2598	0.3317	0.0659	0.0605
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	16	1.4926	0.2677	0.0445	0.0409	23	1.5064	0.2959	0.0460	0.0420	103	1.6966	0.3095	0.0476	0.0437	242	1.8808	0.2960	0.0553	0.0507
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	15	1.6357	0.3172	0.0496	0.0455	22	1.5356	0.3076	0.0455	0.0418	100	1.7405	0.3227	0.0491	0.0451	543	1.4885	0.2010	0.0429	0.0393
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	20	2.2939	0.4588	0.0690	0.0634	31	2.2555	0.4332	0.0686	0.0629	128	2.3111	0.4276	0.0672	0.0618	298	1.9604	0.3424	0.0581	0.0533
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	17	2.3310	0.4502	0.0704	0.0647	28	2.4398	0.4757	0.0732	0.0673	115	2.4069	0.4478	0.0692	0.0636	452	2.2598	0.3317	0.0659	0.0605
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	5	1.6612	0.4209	0.0455	0.0419	42	1.2075	0.1941	0.0404	0.0372
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.0560	0.5251	0.0544	0.0500	9	1.3191	0.1780	0.0404	0.0371
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	18	2.0157	0.3782	0.0579	0.0533	44	2.0100	0.3557	0.0613	0.0562
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	17	2.0552	0.3905	0.0595	0.0548	30	1.6586	0.2846	0.0484	0.0444
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	18	1.9576	0.3661	0.0557	0.0513	43	2.0865	0.3498	0.0623	0.0572
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	17	2.0169	0.3823	0.0581	0.0534	34	2.0648	0.3604	0.0608	0.0558
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	13	1.4473	0.2672	0.0437	0.0401	19	1.6601	0.3233	0.0489	0.0449	91	1.8394	0.3298	0.0523	0.0480	219	1.8775	0.2938	0.0554	0.0508
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	12	1.2578	0.2744	0.0383	0.0352	19	1.6060	0.2966	0.0491	0.0451	88	1.8540	0.3374	0.0528	0.0485	507	1.5214	0.2052	0.0437	0.0401
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	6	1.4984	0.3512	0.0375	0.0344	6	2.8524	0.6572	0.0705	0.0648
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	4	2.0386	0.5205	0.0537	0.0494	18	0.6152	0.1159	0.0197	0.0182
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	2	2.3559	0.4379	0.0734	0.0675
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	11	1.2991	0.2554	0.0373	0.0342	17	1.5475	0.3137	0.0447	0.0410	79	1.7327	0.3199	0.0477	0.0437	186	1.8849	0.2904	0.0556	0.0510
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	11	1.3653	0.2990	0.0410	0.0376	18	1.6910	0.3129	0.0513	0.0472	78	1.7801	0.3156	0.0503	0.0462	389	1.4744	0.2057	0.0443	0.0406
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.0815	0.0043	0.0099	0.0091	4	1.6484	0.2479	0.0496	0.0456	19	1.8586	0.3480	0.0535	0.0493	57	1.8987	0.3060	0.0555	0.0509
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	1	0.0815	0.0043	0.0099	0.0091	2	2.8073	0.4495	0.0860	0.0791	9	1.7570	0.3508	0.0470	0.0432	99	2.1833	0.2629	0.0552	0.0507
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	1	0.0815	0.0043	0.0099	0.0091	5	2.4136	0.5100	0.0758	0.0698
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	3	5.0509	0.8477	0.1524	0.1402	20	2.5417	0.4347	0.0780	0.0718
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.0815	0.0043	0.0099	0.0091	4	1.6484	0.2479	0.0496	0.0456	19	1.8586	0.3480	0.0535	0.0493	61	1.9066	0.3196	0.0561	0.0515
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	1	0.0815	0.0043	0.0099	0.0091	2	2.8073	0.4495	0.0860	0.0791	14	2.2527	0.4143	0.0655	0.0603	130	2.2239	0.3062	0.0605	0.0556
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	25	2.6353	0.4902	0.0808	0.0743	37	2.5663	0.4714	0.0788	0.0723	153	2.6101	0.4754	0.0771	0.0709	486	1.9644	0.2992	0.0588	0.0539
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	22	2.8973	0.5293	0.0885	0.0814	33	2.8264	0.5251	0.0857	0.0788	134	2.7586	0.5000	0.0808	0.0743	427	2.1667	0.3312	0.0634	0.0583
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	13.7469	3.4300	0.3523	0.3241
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	13.1211	3.1218	0.3523	0.3241
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	135	13.4835	3.3003	0.3523	0.3241
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	23.6037	8.2847	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	38.4650	15.6042	0.3523	0.3241
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	74	28.5436	10.7177	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	74	27.1470	10.0298	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241	74	16.0038	4.5416	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	16	43.3784	18.0241	0.3523	0.3241
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	12.2916	2.7133	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	148	15.7279	4.4057	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 09					Hour 10					Hour 11					Hour 12				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	130	5.5229	0.9904	0.1802	0.1658	164	6.0258	1.1527	0.1955	0.1799	175	6.4428	1.1962	0.2096	0.1928	161	6.1787	1.1810	0.1998	0.1838
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	127	6.2540	1.1304	0.2027	0.1865	143	6.4092	1.1788	0.2092	0.1925	153	6.1349	1.1564	0.1988	0.1829	187	5.8207	1.1172	0.1882	0.1731
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	567	2.5189	0.4585	0.0714	0.0656	470	2.8137	0.5115	0.0806	0.0741	571	2.6354	0.5102	0.0753	0.0693	663	2.2832	0.4312	0.0630	0.0580
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	535	2.9887	0.5472	0.0899	0.0827	326	3.9054	0.7529	0.1181	0.1086	287	3.8540	0.7861	0.1148	0.1055	317	3.9466	0.7425	0.1203	0.1106
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	418	2.4248	0.3940	0.0652	0.0599	401	2.3977	0.4346	0.0647	0.0595	489	2.1208	0.4185	0.0570	0.0524	594	1.8249	0.3480	0.0479	0.0440
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	736	1.4126	0.2370	0.0410	0.0376	641	1.6792	0.3004	0.0466	0.0428	529	1.9761	0.3750	0.0531	0.0488	467	2.0938	0.4049	0.0551	0.0506
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	567	2.5180	0.4584	0.0713	0.0656	470	2.8137	0.5115	0.0806	0.0741	571	2.6342	0.5099	0.0753	0.0693	663	2.2832	0.4312	0.0630	0.0580
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	538	2.9895	0.5518	0.0898	0.0825	322	3.9610	0.7562	0.1201	0.1105	289	3.8638	0.7852	0.1152	0.1060	317	3.9491	0.7507	0.1199	0.1103
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	55	1.0925	0.2090	0.0339	0.0312	55	1.1811	0.2825	0.0340	0.0313	41	1.4143	0.4282	0.0344	0.0316	46	2.3062	0.5268	0.0658	0.0603
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	12	1.1817	0.1389	0.0303	0.0278	16	2.5390	0.5000	0.0692	0.0637	20	1.2804	0.1811	0.0342	0.0315	35	1.7117	0.3614	0.0498	0.0458
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	0.9168	0.0865	0.0152	0.0140	12	0.5804	0.0854	0.0141	0.0129	6	0.4836	0.0281	0.0173	0.0152	4	0.4260	0.0130	0.0050	0.0046
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	2	0.7619	0.0213	0.0000	0.0000	8	0.4787	0.0968	0.0150	0.0138	9	0.4485	0.0290	0.0095	0.0087
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	105	1.7817	0.3247	0.0546	0.0501	101	1.6734	0.3430	0.0493	0.0453	80	1.8173	0.4200	0.0513	0.0471	88	2.3223	0.4823	0.0689	0.0631
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	41	1.8553	0.3047	0.0550	0.0504	52	2.1912	0.4033	0.0635	0.0582	60	1.6961	0.2865	0.0496	0.0455	81	1.8849	0.3567	0.0564	0.0518
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	102	1.8146	0.3403	0.0531	0.0486	105	1.4012	0.2687	0.0407	0.0373	93	1.7060	0.4148	0.0462	0.0423	84	2.0740	0.4867	0.0571	0.0523
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	53	2.4478	0.4382	0.0707	0.0649	57	1.9076	0.3982	0.0521	0.0478	73	1.8163	0.4106	0.0503	0.0461	95	1.6940	0.3731	0.0476	0.0437
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	368	2.4309	0.3920	0.0647	0.0595	334	2.4998	0.4428	0.0673	0.0619	417	2.2139	0.4268	0.0593	0.0545	503	1.8758	0.3361	0.0493	0.0454
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	609	1.4341	0.2382	0.0414	0.0380	511	1.8147	0.3157	0.0500	0.0459	446	2.0940	0.3834	0.0563	0.0518	390	2.0993	0.3847	0.0549	0.0505
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	14	2.6580	0.4273	0.0704	0.0648	38	2.2955	0.5714	0.0583	0.0536	44	2.2740	0.6494	0.0594	0.0547	38	2.3707	0.7005	0.0587	0.0540
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	43	1.1385	0.2028	0.0335	0.0308	55	1.5885	0.4317	0.0418	0.0383	31	2.0624	0.6343	0.0533	0.0488	35	2.7813	0.6550	0.0741	0.0682
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	4.6303	0.8715	0.1368	0.1259	2	0.0815	0.0043	0.0099	0.0091	2	2.7821	0.4809	0.0761	0.0699	6	2.2384	0.3098	0.0614	0.0565
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	2	4.6303	0.8715	0.1368	0.1259	4	2.4353	0.4119	0.0782	0.0720	3	2.1559	0.3502	0.0561	0.0516	2	0.9339	0.0903	0.0154	0.0140
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	315	2.1778	0.3439	0.0570	0.0523	293	2.4042	0.4305	0.0640	0.0588	362	1.9589	0.3821	0.0505	0.0464	430	1.8245	0.3228	0.0464	0.0427
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	495	1.5230	0.2581	0.0434	0.0399	453	1.7802	0.3070	0.0490	0.0450	390	1.8554	0.3344	0.0483	0.0444	361	1.8234	0.3404	0.0453	0.0416
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	97	3.3415	0.6223	0.0946	0.0870	85	2.5930	0.4749	0.0717	0.0659	86	3.5933	0.7341	0.1078	0.0991	132	2.3576	0.4714	0.0692	0.0637
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	131	1.4130	0.2122	0.0460	0.0421	80	2.1216	0.3819	0.0577	0.0530	53	3.3385	0.7214	0.0967	0.0889	34	2.6408	0.5746	0.0778	0.0716
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	4	1.4668	0.5513	0.0323	0.0296	2	0.4180	0.0126	0.0050	0.0045	8	1.2370	0.2257	0.0426	0.0392	7	0.3026	0.0257	0.0112	0.0103
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	11	1.1628	0.3149	0.0186	0.0171	11	1.8700	0.4548	0.0529	0.0486	21	4.1049	0.7061	0.1248	0.1149	30	4.3897	0.7462	0.1300	0.1195
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	100	3.3216	0.6432	0.0936	0.0861	87	2.5870	0.4728	0.0715	0.0658	93	3.5542	0.7289	0.1083	0.0996	138	2.2788	0.4529	0.0669	0.0616
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	140	1.4149	0.2239	0.0442	0.0405	91	2.1928	0.4149	0.0609	0.0559	72	3.9197	0.8030	0.1190	0.1095	64	3.7173	0.7159	0.1131	0.1040
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	692	2.9073	0.5121	0.0845	0.0776	612	3.2630	0.5728	0.0961	0.0883	721	3.0242	0.5616	0.0885	0.0814	846	2.7190	0.4966	0.0780	0.0717
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	663	3.2036	0.5715	0.0970	0.0892	484	4.1286	0.7586	0.1258	0.1157	459	4.2004	0.7857	0.1272	0.1170	478	4.1448	0.7585	0.1265	0.1163
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	7.7225	2.0783	0.3624	0.3334	284	8.0211	2.0998	0.3772	0.3470	253	7.6046	2.0698	0.3566	0.3281	245	7.7940	2.0835	0.3659	0.3366
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	7.7225	2.0783	0.3624	0.3334	284	8.0211	2.0998	0.3772	0.3470	253	7.6046	2.0698	0.3566	0.3281	245	7.7940	2.0835	0.3659	0.3366
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	7.7225	2.0783	0.3624	0.3334	284	8.0211	2.0998	0.3772	0.3470	253	7.6046	2.0698	0.3566	0.3281	245	7.7940	2.0835	0.3659	0.3366
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	7.7225	2.0783	0.3624	0.3334	284	8.0211	2.0998	0.3772	0.3470	253	7.6046	2.0698	0.3566	0.3281	245	7.7940	2.0835	0.3659	0.3366
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	110	7.7225	2.0783	0.3624	0.3334	284	8.0211	2.0998	0.3772	0.3470	253	7.6046	2.0698	0.3566	0.3281	245	7.7940	2.0835	0.3659	0.3366
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	7.7901	2.0831	0.3659	0.3366	29	8.0349	2.1008	0.3779	0.3477	26	7.5796	2.0681	0.3552	0.3268	25	7.7166	2.0779	0.3621	0.3332
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	7.7972	2.0834	0.3667	0.3374	15	8.0296	2.1003	0.3778	0.3476	14	7.6588	2.0738	0.3592	0.3305	14	7.6588	2.0738	0.3592	0.3305
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	6	7.7972	2.0834	0.3667	0.3374	15	8.0296	2.1003	0.3778	0.3476	14	7.6588	2.0738	0.3592	0.3305	14	7.6588	2.0738	0.3592	0.3305
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	99	7.7150	2.0778	0.3620	0.3331	255	8.0195	2.0997	0.3771	0.3470	227	7.6074	2.0700	0.3568	0.3282	220	7.8028	2.0841	0.3663	0.3370
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 13					Hour 14					Hour 15					Hour 16				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	123	5.9266	1.1058	0.1927	0.1773	138	6.1140	1.1095	0.1988	0.1829	133	6.4232	1.1742	0.2100	0.1932	135	6.4596	1.2125	0.2103	0.1935
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	91	5.5930	1.1183	0.1778	0.1635	155	6.1559	1.1427	0.2006	0.1846	148	6.4286	1.1986	0.2093	0.1925	138	6.3018	1.1641	0.2062	0.1897
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	546	2.3470	0.4190	0.0666	0.0612	546	2.5268	0.4778	0.0730	0.0671	476	3.0140	0.5871	0.0866	0.0797	534	2.5522	0.5130	0.0723	0.0665
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	213	3.5859	0.7098	0.1069	0.0984	295	3.7283	0.7143	0.1128	0.1037	335	3.9527	0.8119	0.1169	0.1075	265	3.9482	0.7733	0.1189	0.1094
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	451	1.9047	0.3374	0.0506	0.0465	573	2.3095	0.4435	0.0649	0.0596	315	2.2966	0.4436	0.0647	0.0594	409	2.0620	0.4092	0.0568	0.0522
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	416	2.1547	0.3808	0.0595	0.0548	487	2.0695	0.3833	0.0585	0.0538	407	2.3424	0.4416	0.0651	0.0598	332	2.4991	0.4855	0.0696	0.0641
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	546	2.3460	0.4189	0.0666	0.0612	546	2.5258	0.4777	0.0730	0.0671	476	3.0140	0.5871	0.0866	0.0797	534	2.5515	0.5129	0.0723	0.0665
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	210	3.6046	0.7112	0.1075	0.0989	292	3.7783	0.7240	0.1143	0.1051	333	3.9547	0.8073	0.1172	0.1078	267	3.9439	0.7744	0.1187	0.1092
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	30	2.0418	0.4993	0.0554	0.0510	34	2.3293	0.5778	0.0655	0.0603	48	2.7784	0.5337	0.0844	0.0777	27	2.7975	0.6658	0.0766	0.0705
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	24	2.1299	0.5230	0.0577	0.0531	29	2.5479	0.6047	0.0716	0.0659	36	3.0886	0.6959	0.0899	0.0827	39	2.5581	0.5872	0.0745	0.0686
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	3	0.3762	0.0340	0.0120	0.0110	1	0.9485	0.0916	0.0155	0.0143	2	5.5754	0.9040	0.1642	0.1510	2	0.0820	0.0043	0.0099	0.0092
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	6	0.4999	0.0451	0.0127	0.0117	4	0.5291	0.0385	0.0237	0.0206	1	0.0820	0.0043	0.0099	0.0092	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	57	2.1692	0.4460	0.0625	0.0574	84	2.1269	0.4228	0.0631	0.0579	70	2.8001	0.5273	0.0861	0.0791	51	2.4915	0.5335	0.0718	0.0660
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	49	2.1582	0.4071	0.0652	0.0599	98	2.3588	0.4696	0.0706	0.0648	60	2.7951	0.5962	0.0837	0.0769	61	2.5312	0.5439	0.0754	0.0692
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	62	2.2941	0.4743	0.0647	0.0594	88	1.8741	0.3830	0.0544	0.0499	65	2.2549	0.4992	0.0636	0.0584	60	2.3895	0.5149	0.0678	0.0622
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	74	2.1749	0.4945	0.0600	0.0551	104	1.9226	0.3794	0.0554	0.0509	54	2.4404	0.5854	0.0672	0.0617	66	2.3945	0.5305	0.0697	0.0641
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	372	1.9953	0.3467	0.0522	0.0480	462	2.4679	0.4586	0.0693	0.0637	265	2.3271	0.4338	0.0660	0.0606	348	2.0885	0.3986	0.0574	0.0528
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	361	2.1868	0.3759	0.0605	0.0556	386	2.1685	0.3810	0.0612	0.0563	344	2.4386	0.4431	0.0680	0.0625	284	2.5273	0.4800	0.0702	0.0646
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	43	1.2796	0.2358	0.0353	0.0325	35	2.2119	0.6694	0.0580	0.0533	28	2.8758	0.7576	0.0773	0.0709	34	2.1092	0.5628	0.0552	0.0507
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	28	1.8323	0.4984	0.0418	0.0384	43	2.1552	0.5885	0.0576	0.0530	32	2.3971	0.7140	0.0616	0.0566	25	2.8237	0.7062	0.0781	0.0718
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	2.1713	0.5059	0.0600	0.0552	9	3.0770	0.5078	0.0913	0.0839	9	3.8786	0.6982	0.1171	0.1077	3	2.4565	0.6738	0.0677	0.0624
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	1.9437	0.5000	0.0536	0.0493	5	3.5732	0.5475	0.1025	0.0943	6	3.4408	0.5962	0.1042	0.0959	7	3.0259	0.7191	0.0823	0.0757
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	325	1.8279	0.3160	0.0461	0.0423	440	2.2286	0.4201	0.0615	0.0565	235	2.1373	0.3999	0.0594	0.0545	293	2.0632	0.4026	0.0555	0.0510
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	307	2.1405	0.3670	0.0578	0.0531	334	2.1077	0.3667	0.0588	0.0541	303	2.3011	0.4238	0.0627	0.0576	242	2.5285	0.4731	0.0696	0.0640
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	84	2.6437	0.4742	0.0752	0.0690	70	3.5526	0.6581	0.1026	0.0943	62	3.1066	0.6492	0.0915	0.0840	86	2.5647	0.4627	0.0771	0.0709
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	37	2.6886	0.4888	0.0751	0.0690	44	3.2384	0.6179	0.0947	0.0871	45	3.2984	0.6210	0.0981	0.0902	54	2.4282	0.5275	0.0689	0.0633
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	3	0.3394	0.0292	0.0114	0.0105	4	0.2751	0.0230	0.0110	0.0102	4	0.4681	0.0416	0.0121	0.0112	10	0.3179	0.0226	0.0101	0.0093
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	9	3.6314	0.6129	0.1049	0.0965	15	4.1393	0.7536	0.1201	0.1105	13	3.5864	0.6415	0.1065	0.0979	11	2.4592	0.4532	0.0687	0.0631
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	79	2.5995	0.4582	0.0766	0.0704	67	3.3851	0.6036	0.1013	0.0932	64	3.0123	0.6290	0.0890	0.0817	92	2.4908	0.4499	0.0756	0.0696
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	75	2.4523	0.4396	0.0752	0.0691	73	2.5668	0.5025	0.0760	0.0699	57	3.5675	0.6738	0.1086	0.0998	61	2.6274	0.5624	0.0753	0.0692
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	634	2.6073	0.4678	0.0751	0.0690	694	2.9821	0.5389	0.0883	0.0812	615	3.4053	0.6310	0.1003	0.0922	665	2.9724	0.5622	0.0868	0.0798
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	330	3.8810	0.7172	0.1175	0.1081	425	4.0676	0.7348	0.1244	0.1144	460	4.1704	0.7972	0.1254	0.1154	395	4.2294	0.7818	0.1287	0.1184
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	7.6938	2.0763	0.3607	0.3319	215	7.7579	2.0808	0.3644	0.3352	293	7.5820	2.0680	0.3560	0.3275	256	7.6223	2.0710	0.3576	0.3290
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	7.6938	2.0763	0.3607	0.3319	215	7.7579	2.0808	0.3644	0.3352	293	7.5820	2.0680	0.3560	0.3275	256	7.6223	2.0710	0.3576	0.3290
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	7.6938	2.0763	0.3607	0.3319	215	7.7579	2.0808	0.3644	0.3352	293	7.5820	2.0680	0.3560	0.3275	256	7.6223	2.0710	0.3576	0.3290
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	7.6938	2.0763	0.3607	0.3319	215	7.7579	2.0808	0.3644	0.3352	293	7.5820	2.0680	0.3560	0.3275	256	7.6223	2.0710	0.3576	0.3290
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	198	7.6938	2.0763	0.3607	0.3319	215	7.7579	2.0808	0.3644	0.3352	293	7.5820	2.0680	0.3560	0.3275	256	7.6223	2.0710	0.3576	0.3290
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	19	7.6911	2.0761	0.3607	0.3318	22	7.7901	2.0831	0.3659	0.3366	29	7.6102	2.0700	0.3573	0.3288	27	7.5906	2.0688	0.3560	0.3275
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	7.7816	2.0827	0.3649	0.3357	11	7.7901	2.0831	0.3659	0.3366	15	7.6732	2.0746	0.3603	0.3315	14	7.6588	2.0738	0.3592	0.3305
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	10	7.7816	2.0827	0.3649	0.3357	11	7.7901	2.0831	0.3659	0.3366	15	7.6732	2.0746	0.3603	0.3315	14	7.6588	2.0738	0.3592	0.3305
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	179	7.6941	2.0764	0.3607	0.3319	193	7.7542	2.0805	0.3642	0.3351	264	7.5789	2.0678	0.3558	0.3274	231	7.6121	2.0703	0.3571	0.3285
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 17					Hour 18					Hour 19					Hour 20				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	123	6.3216	1.1594	0.2056	0.1892	49	6.5161	1.1722	0.2124	0.1954	1	6.8616	1.2040	0.2231	0.2052	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	145	6.0036	1.0929	0.1967	0.1809	92	5.4552	0.9785	0.1787	0.1644	29	1.5863	0.2616	0.0570	0.0524	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	582	2.1863	0.4189	0.0623	0.0572	919	1.6157	0.2676	0.0478	0.0438	361	1.8069	0.3127	0.0512	0.0469	282	1.7368	0.2558	0.0488	0.0448
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	269	3.9805	0.7813	0.1196	0.1100	256	3.8662	0.7585	0.1173	0.1079	57	2.6620	0.5774	0.0766	0.0704	232	2.0468	0.2970	0.0560	0.0514
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	534	1.7461	0.3349	0.0490	0.0449	812	1.4195	0.2207	0.0420	0.0384	484	1.2822	0.2130	0.0388	0.0355	292	1.2717	0.1824	0.0372	0.0341
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	365	2.5701	0.4513	0.0723	0.0664	333	2.6132	0.4303	0.0731	0.0672	227	1.7005	0.2825	0.0464	0.0425	198	2.0457	0.2780	0.0540	0.0495
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	582	2.1853	0.4187	0.0623	0.0572	919	1.6148	0.2673	0.0478	0.0438	361	1.8060	0.3126	0.0512	0.0469	282	1.7368	0.2558	0.0488	0.0448
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	270	3.9677	0.7833	0.1190	0.1095	253	3.9444	0.7634	0.1200	0.1104	56	2.7082	0.5877	0.0778	0.0715	243	1.9576	0.2837	0.0539	0.0494
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	24	2.9153	0.8036	0.0777	0.0715	42	3.3870	0.7147	0.0985	0.0906	13	3.4159	0.6950	0.1002	0.0921	1	4.6303	0.8715	0.1368	0.1259
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	41	1.8786	0.4848	0.0525	0.0483	59	2.5417	0.5774	0.0741	0.0682	20	2.3766	0.5368	0.0680	0.0625	4	2.0560	0.5251	0.0544	0.0500
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	2	2.4972	0.3816	0.0822	0.0757	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	4	0.7200	0.0676	0.0141	0.0129	0	0.0000	0.0000	0.0000	0.0000	3	5.3996	0.8655	0.1630	0.1499	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	53	2.5826	0.5968	0.0741	0.0681	61	3.0992	0.6366	0.0925	0.0849	43	1.6327	0.3133	0.0510	0.0466	26	2.3050	0.4148	0.0708	0.0649
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	76	2.1358	0.4616	0.0628	0.0576	90	2.6224	0.5640	0.0793	0.0728	46	1.8118	0.3523	0.0561	0.0515	24	1.9044	0.3474	0.0576	0.0528
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	58	2.4428	0.5617	0.0691	0.0635	52	2.7550	0.5335	0.0814	0.0748	41	1.5778	0.3045	0.0478	0.0438	26	2.2372	0.4007	0.0682	0.0625
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	80	1.8975	0.4504	0.0535	0.0491	96	2.2659	0.4577	0.0672	0.0617	49	1.7198	0.3399	0.0510	0.0469	24	1.8467	0.3359	0.0555	0.0509
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	437	1.7873	0.3305	0.0497	0.0456	691	1.4056	0.2046	0.0417	0.0382	409	1.3387	0.2199	0.0397	0.0363	274	1.3215	0.1872	0.0387	0.0354
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	300	2.5981	0.4373	0.0727	0.0668	283	2.6771	0.4345	0.0746	0.0685	196	1.7842	0.2825	0.0482	0.0441	188	2.0867	0.2793	0.0549	0.0503
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	43	1.9717	0.4417	0.0586	0.0538	43	1.3570	0.2758	0.0370	0.0340	44	0.6791	0.0939	0.0278	0.0256	7	0.6473	0.1202	0.0241	0.0215
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	30	2.9115	0.6023	0.0824	0.0757	19	2.6092	0.4177	0.0689	0.0634	3	0.5805	0.2075	0.0238	0.0218	0	0.0000	0.0000	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	5	2.5876	0.8538	0.0627	0.0577	4	0.5153	0.0480	0.0127	0.0118	6	1.7463	0.8539	0.0435	0.0400	1	4.8663	0.7500	0.1526	0.1403
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	6	2.8031	0.7516	0.0775	0.0713	2	0.0815	0.0043	0.0099	0.0091	6	1.7463	0.8539	0.0435	0.0400	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	378	1.8328	0.3337	0.0503	0.0462	495	1.4909	0.2400	0.0453	0.0415	354	1.4614	0.2405	0.0425	0.0389	217	1.5172	0.2071	0.0435	0.0398
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	254	2.3957	0.3907	0.0647	0.0595	271	2.6269	0.4376	0.0740	0.0680	184	1.6493	0.2831	0.0467	0.0428	164	2.0529	0.2794	0.0531	0.0488
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	91	1.6556	0.3186	0.0470	0.0431	221	1.9923	0.2662	0.0599	0.0548	60	1.0198	0.1605	0.0355	0.0324	81	1.6194	0.2357	0.0498	0.0457
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	51	2.8895	0.4967	0.0867	0.0797	25	3.4967	0.5407	0.0891	0.0818	13	2.4627	0.2332	0.0522	0.0481	27	2.4920	0.2661	0.0594	0.0538
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	14	1.3838	0.2980	0.0382	0.0352	16	1.8768	0.3760	0.0616	0.0567	7	0.7720	0.1121	0.0306	0.0282	10	1.2594	0.2601	0.0434	0.0399
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	21	3.8320	0.7337	0.1136	0.1046	9	4.9602	0.7683	0.1564	0.1439	4	2.6053	0.4162	0.0757	0.0697	8	3.4689	0.6126	0.1054	0.0969
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	103	1.7728	0.3476	0.0499	0.0458	234	2.0333	0.2771	0.0621	0.0569	65	0.9954	0.1543	0.0344	0.0315	88	1.6404	0.2514	0.0512	0.0470
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	70	3.4879	0.6381	0.1069	0.0983	33	4.0548	0.6104	0.1134	0.1041	18	2.4296	0.2669	0.0557	0.0512	36	2.6795	0.3201	0.0709	0.0645
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	722	2.6340	0.4786	0.0774	0.0711	1009	1.8348	0.3019	0.0549	0.0504	390	1.7597	0.3025	0.0504	0.0462	285	1.2631	0.1930	0.0373	0.0341
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	388	4.1962	0.7810	0.1272	0.1170	300	4.0926	0.7667	0.1251	0.1151	57	2.7512	0.5915	0.0792	0.0728	169	1.8305	0.2857	0.0465	0.0427
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	7.6959	2.0763	0.3614	0.3325	274	7.6915	2.0759	0.3614	0.3325	51	7.0724	2.0319	0.3293	0.3030	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	7.6959	2.0763	0.3614	0.3325	274	7.6915	2.0759	0.3614	0.3325	51	7.0724	2.0319	0.3293	0.3030	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	7.6959	2.0763	0.3614	0.3325	274	7.6915	2.0759	0.3614	0.3325	51	7.0724	2.0319	0.3293	0.3030	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	7.6959	2.0763	0.3614	0.3325	274	7.6915	2.0759	0.3614	0.3325	51	7.0724	2.0319	0.3293	0.3030	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	221	7.6959	2.0763	0.3614	0.3325	274	7.6915	2.0759	0.3614	0.3325	51	7.0724	2.0319	0.3293	0.3030	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	21	7.7087	2.0771	0.3621	0.3332	27	7.7284	2.0785	0.3631	0.3341	6	7.1772	2.0395	0.3345	0.3078	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	7.7901	2.0831	0.3659	0.3366	15	7.6732	2.0746	0.3603	0.3315	3	7.1772	2.0395	0.3345	0.3078	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	11	7.7901	2.0831	0.3659	0.3366	15	7.6732	2.0746	0.3603	0.3315	3	7.1772	2.0395	0.3345	0.3078	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	200	7.6946	2.0762	0.3614	0.3325	247	7.6875	2.0756	0.3612	0.3323	45	7.0585	2.0309	0.3286	0.3024	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097	17	9.5008	2.2082	0.4453	0.4097

Appendix F3 - Calculations of Composite Emission Factors (Year 2028)

Year		2028	Hour 21					Hour 22					Hour 23					Hour 24				
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)				Flow	Composite Emission Factor (g/vehicle/mile)			
				NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP		NO	NO2	RSP	FSP
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	138	1.7591	0.2529	0.0457	0.0420	87	2.1207	0.2715	0.0503	0.0461	45	1.0791	0.1361	0.0271	0.0248	43	2.2041	0.4361	0.0665	0.0610
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	118	1.9829	0.2828	0.0501	0.0460	76	2.3301	0.2869	0.0536	0.0492	40	1.1939	0.1415	0.0284	0.0260	40	2.7847	0.4929	0.0765	0.0703
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	128	1.7475	0.2151	0.0414	0.0381	62	2.2124	0.2611	0.0441	0.0404	35	1.8840	0.1756	0.0418	0.0382	40	1.9149	0.3059	0.0508	0.0465
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	119	1.5361	0.2032	0.0388	0.0356	87	1.8241	0.1922	0.0430	0.0394	49	0.7383	0.0865	0.0173	0.0158	39	1.9833	0.3262	0.0529	0.0485
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	138	1.7591	0.2529	0.0457	0.0420	87	2.1207	0.2715	0.0503	0.0461	45	1.0791	0.1361	0.0271	0.0248	43	2.2041	0.4361	0.0665	0.0610
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	118	1.9822	0.2827	0.0501	0.0459	76	2.3301	0.2869	0.0536	0.0492	40	1.1939	0.1415	0.0284	0.0260	40	2.7847	0.4929	0.0765	0.0703
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	12	2.0933	0.4795	0.0584	0.0537	4	1.0802	0.3103	0.0197	0.0182	3	0.6283	0.0583	0.0133	0.0122	0	0.0000	0.0000	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	13	1.1944	0.2006	0.0380	0.0350	9	0.9158	0.2737	0.0249	0.0224	2	0.4606	0.0411	0.0120	0.0110	0	0.0000	0.0000	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	13	2.1165	0.5257	0.0575	0.0529	5	1.3764	0.4719	0.0264	0.0243	3	0.6184	0.0575	0.0131	0.0120	0	0.0000	0.0000	0.0000	0.0000
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	13	1.1704	0.1961	0.0371	0.0342	14	1.2774	0.4274	0.0328	0.0296	3	0.5869	0.0533	0.0127	0.0117	0	0.0000	0.0000	0.0000	0.0000
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	123	1.8625	0.2352	0.0442	0.0406	54	2.3006	0.2012	0.0437	0.0401	34	1.8287	0.1648	0.0390	0.0357	30	2.0875	0.3145	0.0555	0.0508
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	112	1.5164	0.1779	0.0385	0.0353	87	1.7334	0.1615	0.0404	0.0371	50	0.7487	0.0882	0.0174	0.0159	27	2.2819	0.3477	0.0589	0.0541
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	4	0.4393	0.0269	0.0085	0.0078	0	0.0000	0.0000	0.0000	0.0000	3	1.9007	0.2584	0.0542	0.0498	1	0.0815	0.0043	0.0099	0.0091
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	3	0.5900	0.0385	0.0084	0.0077	1	4.8663	0.7500	0.1526	0.1403	2	0.4180	0.0126	0.0050	0.0045	1	0.0815	0.0043	0.0099	0.0091
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	111	1.5569	0.2318	0.0403	0.0370	45	1.8872	0.1921	0.0391	0.0359	31	1.7960	0.1521	0.0372	0.0341	22	1.5311	0.3070	0.0455	0.0418
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	110	1.6058	0.1926	0.0418	0.0383	80	1.3378	0.1329	0.0342	0.0314	47	0.7662	0.0930	0.0183	0.0167	22	1.5356	0.3076	0.0455	0.0418
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	13	4.8183	0.3150	0.0895	0.0821	6	3.4909	0.1957	0.0519	0.0478	3	2.3972	0.3348	0.0595	0.0547	1	0.0815	0.0043	0.0099	0.0091
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	3	0.5352	0.0156	0.0033	0.0031	6	4.5293	0.4356	0.0838	0.0771	3	0.5352	0.0156	0.0033	0.0031	1	0.0815	0.0043	0.0099	0.0091
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	1	0.0815	0.0043	0.0099	0.0091	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0.0000	0.0000	1	0.7545	0.0210	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	12	3.7066	0.2534	0.0718	0.0657	6	3.4909	0.1957	0.0519	0.0478	3	2.3972	0.3348	0.0595	0.0547	1	0.0815	0.0043	0.0099	0.0091
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	3	0.5352	0.0156	0.0033	0.0031	6	4.5293	0.4356	0.0838	0.0771	3	0.5352	0.0156	0.0033	0.0031	1	0.0815	0.0043	0.0099	0.0091
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	138	1.6284	0.2231	0.0387	0.0356	58	2.0382	0.2165	0.0398	0.0364	44	1.2847	0.1155	0.0315	0.0284	30	1.2723	0.1508	0.0316	0.0289
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	131	1.5000	0.1963	0.0372	0.0340	96	1.4782	0.1715	0.0318	0.0291	48	0.8225	0.1140	0.0197	0.0179	26	1.4262	0.1720	0.0333	0.0305
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	0	0.0000	0.0000	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	0	0.0000	0.0000	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	135	9.6376	1.4061	0.3523	0.3241	0	0.0000	0.0000	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241	35	9.6376	1.4061	0.3523	0.3241
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	0	0.0000	0.0000	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	74	9.6376	1.4061	0.3523	0.3241	66	9.6376	1.4061	0.3523	0.3241
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	16	9.6376	1.4061	0.3523	0.3241	0	0.0000	0.0000	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	148	9.6376	1.4061	0.3523	0.3241	132	9.6376	1.4061	0.3523	0.3241
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000	0	0.0000	0.0000	0.0000	0.0000

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Saturday, 1 January, 2022	**1**	16.8	16.5	16.0	16.0	15.7	15.2	15.1	15.2	17.2	17.7	18.2	18.4	19.1	18.9	19.1	18.6	18.6	17.4	16.4	16.0	15.7	15.4	15.1	14.9
Sunday, 2 January, 2022	**2**	14.8	14.5	14.6	14.4	14.0	13.9	13.8	15.5	16.9	18.5	20.0	22.7	22.6	22.6	22.7	21.7	20.9	18.7	17.8	17.8	17.4	17.3	17.1	16.8
Monday, 3 January, 2022	**3**	16.3	15.8	15.6	15.2	15.0	14.8	14.7	15.6	17.8	19.2	20.2	21.8	21.0	21.3	22.2	21.3	20.1	18.6	17.8	17.8	17.1	16.7	16.4	15.9
Tuesday, 4 January, 2022	**4**	15.9	15.6	15.4	15.5	15.4	15.0	15.1	15.6	18.2	20.7	22.4	24.4	22.5	21.6	23.3	21.5	20.8	19.6	19.3	18.7	18.9	18.8	19.3	19.3
Wednesday, 5 January, 2022	**5**	19.0	19.0	19.2	18.4	17.8	17.6	17.6	17.7	19.2	21.2	22.6	25.0	23.7	24.5	25.0	23.8	23.4	21.7	20.6	19.7	19.5	19.2	18.7	18.5
Thursday, 6 January, 2022	**6**	18.1	18.0	17.8	17.3	17.3	18.2	18.6	18.6	19.6	21.1	22.4	23.5	23.6	23.0	23.1	22.2	21.6	20.6	20.1	19.1	19.1	18.1	18.2	19.2
Friday, 7 January, 2022	**7**	19.1	18.9	18.4	17.5	17.2	17.3	16.8	17.4	18.1	19.1	19.5	19.7	20.3	21.0	21.5	21.0	20.5	19.1	18.1	17.3	17.1	16.5	16.1	16.2
Saturday, 8 January, 2022	**8**	16.2	16.2	15.7	15.4	15.2	14.6	14.6	14.8	16.1	17.3	19.6	20.2	19.1	19.6	19.4	18.8	18.6	18.0	16.8	16.8	16.4	16.2	15.7	15.3
Sunday, 9 January, 2022	**9**	15.3	15.6	16.2	15.4	14.7	14.9	15.4	15.8	16.8	18.5	20.0	19.9	19.8	20.5	20.1	20.1	19.8	19.2	18.3	18.2	17.7	17.4	17.4	16.9
Monday, 10 January, 2022	**10**	16.6	16.0	15.5	15.3	15.5	15.5	15.7	15.9	17.0	18.6	18.8	21.0	21.5	20.7	20.2	20.0	19.5	19.1	18.6	18.4	18.2	18.3	18.7	17.8
Tuesday, 11 January, 2022	**11**	17.1	15.4	14.8	14.5	14.1	13.7	13.4	13.3	13.5	13.2	14.4	15.5	16.1	16.6	17.3	17.3	16.5	15.0	14.4	14.2	14.0	13.6	14.0	14.2
Wednesday, 12 January, 2022	**12**	13.7	13.9	13.4	13.3	13.1	12.8	12.8	12.8	13.8	14.7	15.7	16.5	16.4	17.2	17.5	17.1	16.9	16.6	16.0	15.9	15.8	15.8	15.8	15.7
Thursday, 13 January, 2022	**13**	15.6	15.7	15.7	15.6	15.5	15.1	14.8	14.9	15.3	15.9	16.6	16.6	17.3	17.8	18.2	18.1	17.9	17.2	16.6	16.5	16.4	16.2	16.3	16.0
Friday, 14 January, 2022	**14**	15.4	14.9	14.7	14.6	13.9	13.3	13.0	14.0	15.9	17.0	16.9	16.8	16.9	17.1	17.3	17.4	17.3	17.0	16.9	16.9	17.2	17.3	17.4	17.2
Saturday, 15 January, 2022	**15**	17.3	17.2	16.9	16.7	16.9	17.0	16.6	17.0	17.6	18.6	19.5	20.0	20.5	20.2	20.4	20.2	19.0	18.4	18.1	18.1	18.0	17.7	17.7	17.7
Sunday, 16 January, 2022	**16**	17.4	16.8	16.7	16.8	16.7	17.4	17.0	17.0	17.6	18.8	19.6	21.0	21.6	21.4	23.4	22.9	21.9	20.1	18.9	19.1	19.0	18.9	18.7	18.3
Monday, 17 January, 2022	**17**	18.4	18.1	17.8	17.7	17.7	17.2	16.7	17.0	18.4	18.9	18.5	18.3	18.5	18.6	18.4	18.3	18.2	18.0	17.7	17.6	17.7	17.8	17.7	17.5
Tuesday, 18 January, 2022	**18**	17.0	17.2	16.2	15.9	15.3	15.4	15.4	15.7	16.1	16.8	17.2	17.4	17.4	17.6	17.7	18.0	17.6	17.2	17.0	16.8	16.7	16.6	16.5	16.4
Wednesday, 19 January, 2022	**19**	15.9	14.8	14.6	14.8	14.6	14.1	14.0	14.4	15.2	16.6	18.5	19.8	20.4	20.2	20.2	19.7	18.6	17.7	16.3	16.6	15.7	15.5	15.2	15.1
Thursday, 20 January, 2022	**20**	14.9	14.7	14.3	14.3	14.1	13.7	13.6	14.7	15.8	17.2	19.2	20.6	21.7	21.3	21.3	20.8	19.6	18.9	17.7	17.1	17.0	16.8	17.0	16.9
Friday, 21 January, 2022	**21**	16.6	16.5	15.7	15.2	14.9	14.7	14.6	15.0	17.5	18.7	19.5	20.1	20.1	19.8	19.6	19.3	18.5	18.5	18.1	18.1	18.0	17.9	17.7	17.8
Saturday, 22 January, 2022	**22**	17.8	17.7	17.8	17.7	17.7	17.5	17.6	17.7	17.3	17.1	17.0	17.5	17.5	17.4	17.3	17.6	18.2	17.9	17.8	18.4	18.6	18.5	18.3	18.2
Sunday, 23 January, 2022	**23**	18.3	18.2	18.2	18.0	18.0	18.3	18.1	18.1	18.6	19.1	20.4	22.5	22.2	22.0	22.0	21.6	20.5	20.0	19.7	19.3	19.4	19.2	19.1	19.3
Monday, 24 January, 2022	**24**	19.3	19.1	19.4	19.0	18.8	18.9	18.9	19.0	19.2	19.7	22.3	21.5	22.1	21.9	21.1	20.9	20.5	19.9	19.5	19.6	19.6	19.5	19.4	19.4
Tuesday, 25 January, 2022	**25**	19.2	18.7	18.8	18.3	18.2	17.2	17.4	17.4	19.1	19.2	19.0	18.5	18.3	18.4	19.1	19.2	19.6	19.2	18.7	19.0	18.9	18.9	18.8	18.5
Wednesday, 26 January, 2022	**26**	18.6	18.5	18.3	18.2	18.3	17.6	17.3	17.8	18.9	19.4	19.4	19.9	20.1	20.5	21.0	20.8	20.9	20.5	20.0	20.0	19.4	18.5	18.3	18.3
Thursday, 27 January, 2022	**27**	18.3	18.2	18.1	18.1	18.0	18.1	18.3	18.6	19.5	19.9	20.3	21.1	22.3	22.4	22.5	22.0	21.2	20.1	19.9	19.5	18.9	18.8	19.2	19.2
Friday, 28 January, 2022	**28**	18.6	18.4	18.4	18.0	18.0	18.2	18.3	18.4	18.7	18.9	19.1	19.1	19.5	19.5	19.7	19.1	19.1	19.1	18.9	18.5	18.4	18.3	18.4	18.4
Saturday, 29 January, 2022	**29**	18.3	18.0	17.9	17.9	17.9	17.9	17.8	18.0	17.9	18.7	19.9	19.4	19.6	20.3	19.7	18.9	17.5	17.0	15.8	15.8	16.1	15.0	15.5	15.5
Sunday, 30 January, 2022	**30**	15.3	14.3	14.1	13.3	13.4	12.9	12.5	12.6	12.3	13.4	15.8	17.1	18.4	18.1	18.1	18.8	17.2	16.6	15.3	14.7	14.6	14.2	13.6	13.2
Monday, 31 January, 2022	**31**	12.9	12.9	12.4	11.9	11.8	11.7	11.7	11.7	11.5	11.8	12.0	12.0	12.6	12.8	13.0	12.6	12.6	12.6	12.6	12.4	12.3	12.3	12.3	12.3
Tuesday, 1 February, 2022	**32**	12.1	12.0	11.5	11.5	11.5	11.0	10.7	10.5	10.6	11.0	11.1	11.2	11.5	11.7	11.9	12.0	12.2	12.3	12.3	12.4	12.5	12.6	12.7	12.6
Wednesday, 2 February, 2022	**33**	12.7	12.9	13.1	12.7	13.0	12.6	12.2	12.1	12.4	12.6	12.9	13.1	13.6	13.8	14.2	14.2	14.1	13.7	13.3	12.9	12.7	12.6	12.4	12.3
Thursday, 3 February, 2022	**34**	12.1	11.8	11.5	11.3	11.0	10.9	10.1	10.1	10.2	10.8	11.2	12.4	12.2	12.3	12.1	12.4	12.2	12.1	11.7	11.4	11.4	11.5	11.5	11.6
Friday, 4 February, 2022	**35**	11.5	11.2	11.1	10.5	10.4	10.5	10.7	11.0	11.8	12.3	13.0	14.7	16.1	16.3	16.5	16.6	15.9	15.0	14.5	14.1	13.7	13.3	12.9	12.4
Saturday, 5 February, 2022	**36**	12.0	11.7	11.7	11.6	11.5	11.4	11.3	11.4	12.0	13.2	13.8	16.3	17.1	17.5	17.6	16.8	16.7	16.1	15.3	14.9	14.9	14.5	14.2	14.1
Sunday, 6 February, 2022	**37**	14.1	14.1	14.0	13.9	13.5	13.3	13.1	13.5	13.9	15.1	17.5	18.9	18.7	18.0	18.9	18.4	18.7	17.9	16.8	16.8	16.4	16.4	16.1	16.5
Monday, 7 February, 2022	**38**	16.3	16.2	16.4	16.4	16.2	16.2	16.0	16.0	16.4	16.9	17.2	17.4	16.9	16.2	16.4	16.7	16.9	16.7	16.6	16.6	16.5	16.5	16.6	16.7
Tuesday, 8 February, 2022	**39**	16.9	16.8	16.7	16.0	15.5	15.7	15.6	15.3	15.0	15.3	16.1	16.4	16.4	16.5	17.0	17.4	17.2	16.7	16.1	16.0	15.6	15.5	15.4	15.1
Wednesday, 9 February, 2022	**40**	15.0	14.6	14.4	14.0	13.8	13.5	13.4	13.8	14.2	14.8	15.3	16.0	16.3	16.2	16.5	16.2	16.5	15.4	15.1	14.9	14.7	14.4	14.3	14.5
Thursday, 10 February, 2022	**41**	14.7	14.6	14.4	14.4	14.3	14.5	14.5	14.8	15.1	15.5	16.2	17.2	18.0	17.8	17.3	17.5	17.1	17.2	17.2	17.2	17.6	17.7	17.8	17.6
Friday, 11 February, 2022	**42**	17.4	17.2	17.1	17.0	16.9	16.6	16.3	17.1	18.3	19.4	21.8	23.2	22.5	21.6	22.0	21.6	20.7	19.8	19.1	18.5	18.1	17.4	17.2	16.7
Saturday, 12 February, 2022	**43**	16.7	16.7	17.1	17.3	17.2	17.1	17.3	17.7	19.0	19.7	20.4	22.8	22.4	21.7	21.5	21.4	20.6	19.8	19.5	19.0	19.0	19.0	18.8	18.7
Sunday, 13 February, 2022	**44**	18.4	18.3	17.4	17.0	17.1	16.9	16.9	16.8	16.3	16.2	16.1	16.0	16.4	16.4	17.1	17.0	16.5	16.3	16.1	15.6	14.7	14.9	14.0	13.3
Monday, 14 February, 2022	**45**	13.3	13.1	13.2	13.8	13.5	13.1	12.9	12.9	14.0	14.7	17.4	18.6	20.2	20.0	20.6	20.5	19.7	18.1	16.6	16.4	15.9	15.7	15.6	15.8
Tuesday, 15 February, 2022	**46**	16.1	16.2	16.3	15.8	15.5	15.0	14.8	15.8	16.7	17.3	18.4	18.5	19.3	19.7	20.0	20.5	19.5	18.4	17.4	16.2	16.2	15.9	16.5	16.7
Wednesday, 16 February, 2022	**47**	16.3	15.9	15.4	15.1	15.5	15.5	15.6	16.2	17.0	17.7	17.9	18.0	20.1	18.8	20.2	19.3	19.1	18.0	17.5	17.4	17.1	17.2	17.5	17.5
Thursday, 17 February, 2022	**48**	17.5	17.4	17.1	16.6	15.9	15.6	15.0	15.2	15.0	15.5	16.1	16.4	16.3	16.5	16.2	15.9	16.0	16.1	15.9	16.2	16.0	16.2	16.3	16.3
Friday, 18 February, 2022	**49**	16.1	16.1	16.2	16.3	16.1	16.0	16.1	16.2	16.3	17.3	17.4	18.5	19.1	18.4	18.0	18.3	17.4	17.4	17.4	16.9	16.9	17.1	16.7	16.0
Saturday, 19 February, 2022	**50**	15.5	15.3	15.2	15.1	14.2	13.8	13.1	12.1	11.6	11.2	10.8	10.8	10.8	10.4	9.9	9.9	9.7	9.8	9.6	9.5	9.3	8.9	8.6	8.4
Sunday, 20 February, 2022	**51**	8.2	7.8	7.7	7.8	7.5	7.4	7.2	7.1	7.0	7.1	7.3	7.5	7.8	7.8	7.7	7.7	7.5	7.3	7.2	7.4	7.3	7.5	7.4	7.1
Monday, 21 February, 2022	**52**	6.9	6.8	6.9	6.8	6.9	6.7	6.8	7.0	6.9	7.0	7.3	7.6	8.2	8.4	8.3	8.4	8.5	8.5	8.6	8.6	8.4	8.3	8.2	8.2
Tuesday, 22 February, 2022	**53**	8.0	7.8	7.7	7.7	7.8	7.8	7.8	7.9	8.1	8.4	8.6	9.2	10.0	10.3	10.1	10.4	10.2	10.0	9.8	9.9	9.9	9.7	9.6	9.3
Wednesday, 23 February, 2022	**54**	9.1	8.8	8.8	8.6	8.4	8.4	8.4	8.3	8.9	10.7	11.2	11.9	12.7	13.3	13.6	14.5	14.1	13.2	12.5	12.0	11.6	11.3	11.2	10.8
Thursday, 24 February, 2022	**55**	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.3	9.6	10.3	11.3	12.8	14.0	14.5	14.1	15.0	14.5	13.6	12.3	11.5	11.3	10.9	10.7	10.7
Friday, 25 February, 2022	**56**	10.9	11.2	11.8	12.1	12.1	12.1	12.1	12.2	12.6	13.4	16.4	17.2	18.5	18.5	18.9	18.8	17.6	16.7	14.8	14.1	13.7	13.3	12.7	13.8
Saturday, 26 February, 2022	**57**	13.7	13.0	12.4	12.0	11.5	11.6	12.0	13.5	15.5	17.6	19.8	21.1	20.7	20.6	21.2	20.4	19.7	18.3	16.5	16.1	15.8	15.3	14.8	14.6
Sunday, 27 February, 2022	**58**	14.4	13.9	14.0	13.9	13.5	13.3	13.2	14.1	16.8	19.0	20.3	20.3	20.6	21.3	21.6	21.5	19.9	18.9	17.5	17.2	17.5	17.0	16.9	16.9
Monday, 28 February, 2022	**59**	16.9	17.6	17.5	17.3	16.3	15.7	15.5	16.2	18.6	20.4	21.1	22.2	21.1	22.1	22.1	22.3	21.2	20.0	19.4	18.7	18.9	19.2	19.5	19.3

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Tuesday, 1 March, 2022	**60**	19.1	18.8	18.7	18.7	18.6	18.7	18.8	19.2	21.0	23.3	25.7	25.5	26.3	26.0	26.3	27.2	26.2	23.9	22.1	21.2	20.8	20.5	20.1	19.8
Wednesday, 2 March, 2022	**61**	19.5	19.2	18.9	18.7	18.6	18.4	18.3	19.0	20.3	22.3	23.6	25.1	25.9	26.1	24.7	23.6	21.0	20.5	19.7	19.7	19.3	18.9	19.0	18.7
Thursday, 3 March, 2022	**62**	18.4	18.4	18.7	19.0	18.4	18.7	18.6	18.8	19.2	19.9	20.8	21.3	21.5	21.7	21.5	22.0	21.5	20.8	20.1	19.0	18.9	18.5	18.5	18.3
Friday, 4 March, 2022	**63**	17.8	18.2	17.5	17.2	18.2	18.2	18.4	19.6	20.7	21.8	24.5	24.1	24.7	24.8	24.3	24.0	23.3	22.1	20.7	20.2	19.9	19.8	20.0	19.6
Saturday, 5 March, 2022	**64**	19.1	18.8	18.4	18.0	17.5	17.3	17.0	17.4	18.7	20.4	22.7	21.8	23.6	23.7	23.7	24.5	24.1	23.2	22.2	21.0	20.2	20.3	20.1	20.2
Sunday, 6 March, 2022	**65**	20.4	20.1	19.6	19.1	19.1	19.1	19.3	19.5	19.9	20.4	22.6	22.3	21.5	21.3	21.1	20.6	20.5	19.4	19.2	18.9	19.2	18.8	19.0	19.0
Monday, 7 March, 2022	**66**	18.6	18.2	18.0	17.3	17.1	17.1	17.4	17.7	18.4	19.8	21.6	21.6	22.0	23.8	23.8	23.9	23.1	22.1	20.9	19.9	18.6	18.0	17.5	16.7
Tuesday, 8 March, 2022	**67**	17.4	16.7	16.0	15.7	15.0	14.2	14.6	15.6	16.7	18.1	20.9	21.3	20.3	19.5	20.4	19.9	18.4	17.3	16.5	16.3	15.9	15.9	15.2	15.2
Wednesday, 9 March, 2022	**68**	14.9	14.5	14.9	14.7	13.4	14.4	14.3	15.8	18.3	20.5	21.2	22.0	22.4	23.5	23.3	24.4	22.4	20.3	19.8	18.5	18.7	17.5	18.1	18.1
Thursday, 10 March, 2022	**69**	18.3	18.4	18.0	17.7	17.8	17.0	16.4	18.5	20.8	22.0	25.0	24.3	24.7	25.0	24.7	24.1	23.0	21.9	20.5	20.5	19.7	19.3	19.5	19.5
Friday, 11 March, 2022	**70**	19.6	18.9	18.0	17.7	17.9	18.4	18.8	19.7	21.1	22.7	24.8	25.4	23.9	23.8	24.7	24.2	23.6	23.1	21.6	21.5	21.2	20.3	20.1	20.3
Saturday, 12 March, 2022	**71**	19.8	19.4	19.4	18.8	18.4	18.3	18.2	20.3	22.4	23.2	24.8	25.2	26.0	25.2	26.7	25.2	24.6	24.0	22.7	21.4	21.0	20.7	21.6	21.1
Sunday, 13 March, 2022	**72**	20.8	20.9	21.0	21.0	21.3	21.2	21.7	22.0	23.6	24.4	25.9	26.4	26.4	26.6	26.6	27.0	25.4	24.7	23.6	22.9	22.2	22.4	22.1	21.8
Monday, 14 March, 2022	**73**	21.6	22.0	21.6	21.3	20.8	20.7	20.9	22.0	23.8	25.4	26.1	27.1	27.8	28.2	28.8	28.2	28.0	24.9	24.0	23.0	23.2	23.3	22.9	22.3
Tuesday, 15 March, 2022	**74**	21.9	21.8	21.9	21.7	21.6	21.2	20.7	22.2	22.9	24.3	26.3	27.4	27.0	26.2	25.7	25.5	25.6	24.9	22.9	22.3	22.8	22.4	22.2	22.3
Wednesday, 16 March, 2022	**75**	22.1	21.6	21.5	21.6	21.2	21.3	21.6	22.3	23.3	23.1	22.7	22.6	23.6	23.1	23.3	23.8	23.6	23.0	22.2	22.2	21.8	22.2	22.6	22.6
Thursday, 17 March, 2022	**76**	22.5	22.3	22.2	22.0	22.1	22.2	22.2	22.6	23.5	24.9	26.5	27.4	27.6	27.8	26.9	26.5	26.4	25.5	24.4	23.7	23.2	23.1	22.8	22.3
Friday, 18 March, 2022	**77**	22.5	22.2	21.8	21.5	21.5	21.6	21.4	22.0	23.1	24.7	26.5	26.4	27.7	28.5	28.9	28.3	27.8	25.8	25.2	24.3	24.5	24.1	23.8	23.3
Saturday, 19 March, 2022	**78**	23.2	22.9	22.8	22.7	23.0	23.0	22.7	23.6	24.2	23.9	24.7	24.8	25.2	25.8	25.6	25.2	24.2	23.1	22.6	22.4	22.2	22.6	23.0	23.2
Sunday, 20 March, 2022	**79**	23.4	23.4	23.0	22.7	22.9	22.6	22.5	22.0	21.7	21.9	21.4	21.5	20.9	21.4	21.8	22.3	22.1	21.9	21.2	21.4	21.7	21.7	21.7	21.8
Monday, 21 March, 2022	**80**	21.7	21.4	22.1	22.6	22.1	22.0	22.9	22.7	24.6	24.7	24.4	24.8	24.9	24.8	25.8	24.8	24.4	23.5	22.9	22.7	22.5	22.7	22.7	22.8
Tuesday, 22 March, 2022	**81**	22.7	22.6	22.8	22.7	22.6	22.5	22.5	23.0	23.6	24.7	24.9	25.6	26.1	25.2	25.5	25.1	24.8	24.3	24.1	24.1	24.0	24.5	24.4	24.0
Wednesday, 23 March, 2022	**82**	23.1	22.2	20.8	19.9	19.8	18.0	17.0	16.1	15.4	15.1	15.5	15.1	15.4	15.3	15.4	15.3	15.2	15.4	15.2	15.0	15.1	14.9	14.8	14.9
Thursday, 24 March, 2022	**83**	14.9	15.1	15.0	14.9	15.0	15.0	14.8	15.4	16.3	18.1	18.6	19.2	19.0	18.5	18.6	18.8	18.7	18.9	19.0	19.1	19.5	19.5	19.8	20.1
Friday, 25 March, 2022	**84**	20.0	20.0	19.9	20.3	20.2	20.7	21.1	21.0	21.6	22.2	23.5	24.3	24.7	25.2	25.8	26.0	26.4	26.5	26.3	26.1	25.7	25.7	25.7	25.5
Saturday, 26 March, 2022	**85**	25.6	25.6	25.3	25.1	25.1	24.9	25.2	25.5	25.9	26.0	26.1	26.7	27.4	27.3	27.3	27.4	26.9	26.5	26.1	25.8	25.8	25.1	25.5	23.7
Sunday, 27 March, 2022	**86**	23.2	23.1	23.2	22.7	22.3	21.9	21.6	21.9	22.7	22.4	22.4	23.0	22.9	23.3	23.2	22.0	21.9	22.0	21.6	19.9	19.6	20.2	20.0	17.9
Monday, 28 March, 2022	**87**	17.7	16.6	16.1	16.0	15.8	15.2	15.3	15.5	15.6	15.9	16.1	16.1	16.7	16.6	16.5	16.8	16.7	16.5	16.4	16.4	16.4	16.4	16.6	16.8
Tuesday, 29 March, 2022	**88**	16.7	16.7	16.8	16.9	16.8	16.9	16.8	17.1	18.1	19.6	19.9	19.9	20.0	20.8	20.5	20.3	20.1	20.0	19.7	19.6	19.5	19.5	19.4	19.4
Wednesday, 30 March, 2022	**89**	19.4	19.6	19.7	19.6	19.6	19.8	19.9	21.1	22.9	24.2	25.3	26.1	25.6	24.6	24.9	24.9	25.5	25.3	24.5	24.1	23.9	23.8	23.4	23.2
Thursday, 31 March, 2022	**90**	22.5	22.1	21.9	21.9	21.8	21.3	21.4	23.1	25.5	26.3	26.4	27.1	27.4	28.7	27.8	27.9	26.4	25.4	24.0	23.7	23.4	22.4	22.4	22.5
Friday, 1 April, 2022	**91**	22.6	21.7	21.8	20.7	20.6	20.8	20.2	19.9	19.6	20.2	20.8	21.4	21.8	22.9	22.5	21.0	20.2	19.6	19.1	18.4	16.6	14.9	14.8	15.2
Saturday, 2 April, 2022	**92**	15.6	15.5	15.6	15.3	15.1	14.9	14.6	14.8	14.2	13.7	14.0	14.6	14.9	15.6	14.6	14.2	14.0	13.6	14.0	13.5	13.5	14.0	14.4	14.5
Sunday, 3 April, 2022	**93**	14.8	14.8	14.9	14.9	15.0	15.1	15.1	15.7	17.3	18.8	20.5	22.0	22.7	23.1	24.1	22.7	20.9	20.1	19.2	18.4	18.1	17.5	17.6	17.0
Monday, 4 April, 2022	**94**	16.6	15.2	15.7	14.8	14.4	13.8	13.9	17.6	19.4	21.7	23.5	23.0	23.4	24.3	24.1	23.5	22.7	20.5	19.8	19.4	19.0	18.2	18.6	18.2
Tuesday, 5 April, 2022	**95**	18.4	18.3	17.8	16.6	16.7	16.3	16.6	18.9	20.5	23.4	24.3	25.5	25.3	24.6	24.7	24.6	24.0	22.5	20.8	20.2	20.1	20.0	20.2	20.3
Wednesday, 6 April, 2022	**96**	20.0	19.5	19.4	19.2	18.6	18.1	17.9	20.4	22.3	23.9	25.0	26.0	26.0	25.3	25.6	24.2	23.7	22.8	22.1	21.6	21.3	21.0	21.1	21.0
Thursday, 7 April, 2022	**97**	20.2	20.3	20.4	19.8	19.5	18.9	18.5	21.4	22.9	24.5	25.7	26.1	25.4	25.4	25.0	24.6	24.2	23.6	22.6	22.0	21.3	22.1	21.7	21.0
Friday, 8 April, 2022	**98**	21.6	21.5	21.1	21.3	21.4	19.6	18.8	21.6	23.3	25.9	28.0	27.9	28.3	28.2	27.5	27.5	25.2	23.1	22.7	22.3	21.6	21.1	21.3	21.5
Saturday, 9 April, 2022	**99**	21.4	21.1	20.6	20.3	20.4	20.1	20.4	21.9	23.3	25.4	25.8	26.6	26.9	25.9	26.6	25.9	24.8	23.4	22.2	21.5	21.2	21.0	21.1	21.0
Sunday, 10 April, 2022	**100**	20.4	19.8	19.7	19.0	18.6	18.2	18.6	21.6	23.4	25.5	26.4	25.9	26.7	27.6	27.5	27.3	26.5	25.2	23.6	23.5	22.9	22.7	22.3	22.2
Monday, 11 April, 2022	**101**	22.2	22.4	22.5	22.3	22.3	21.9	22.5	23.4	25.4	27.6	28.0	28.6	28.8	28.4	28.0	27.6	27.3	25.8	25.4	24.5	24.2	24.0	23.6	23.6
Tuesday, 12 April, 2022	**102**	22.9	23.0	22.7	22.7	22.2	21.8	22.1	24.6	25.6	26.9	28.1	28.3	28.5	28.6	28.7	28.2	27.0	25.7	24.7	24.2	24.1	n/a	23.9	23.9
Wednesday, 13 April, 2022	**103**	24.0	24.0	24.0	23.8	23.7	23.8	23.8	24.2	24.8	25.3	25.4	25.9	25.9	27.2	27.1	27.2	27.1	25.8	25.2	24.3	24.0	23.6	23.4	23.7
Thursday, 14 April, 2022	**104**	24.2	24.1	23.6	23.4	23.0	22.6	22.4	23.5	24.9	26.8	28.2	27.2	27.9	28.7	28.6	28.5	28.7	27.5	26.3	24.9	24.8	24.4	24.0	24.4
Friday, 15 April, 2022	**105**	24.8	24.2	24.3	23.8	23.2	23.1	23.5	24.5	24.6	25.0	25.7	27.0	26.3	25.2	25.8	25.2	24.4	23.8	23.7	22.9	22.5	22.5	22.7	22.8
Saturday, 16 April, 2022	**106**	22.6	22.4	22.3	22.0	22.1	22.1	22.0	22.0	22.5	23.6	23.1	23.7	23.9	24.1	23.8	23.5	22.6	22.3	22.1	22.0	21.9	21.9	21.9	21.7
Sunday, 17 April, 2022	**107**	21.7	21.4	21.1	21.0	20.8	20.7	18.3	18.4	19.4	20.3	21.1	22.6	22.6	22.7	22.2	22.3	22.6	22.1	21.4	21.2	21.0	20.9	21.0	21.1
Monday, 18 April, 2022	**108**	21.0	21.0	21.1	21.2	20.9	21.0	21.1	20.9	21.5	21.8	22.6	23.1	22.7	22.6	22.4	21.7	21.2	20.7	20.3	20.2	20.5	20.4	20.4	19.3
Tuesday, 19 April, 2022	**109**	18.9	18.7	18.4	18.3	18.3	18.2	18.2	18.1	17.6	17.5	17.6	17.4	17.6	18.0	18.3	19.3	19.7	19.5	19.1	19.0	18.8	18.8	18.9	18.6
Wednesday, 20 April, 2022	**110**	18.7	18.7	18.7	18.7	18.7	18.7	18.8	19.0	19.7	20.7	21.3	22.8	24.8	25.3	25.1	24.3	24.0	23.6	22.9	22.0	21.9	21.4	21.3	20.8
Thursday, 21 April, 2022	**111**	20.6	20.5	20.8	21.0	20.8	20.6	21.1	22.3	23.2	24.7	26.4	27.8	27.6	27.0	26.9	26.6	25.9	24.5	23.5	23.0	22.7	22.7	22.9	22.9
Friday, 22 April, 2022	**112**	23.2	23.3	23.4	23.4	23.1	23.2	23.4	23.8	24.6	25.9	26.3	25.9	26.2	26.9	26.6	26.4	26.4	25.6	25.2	24.7	24.5	24.3	24.4	24.4
Saturday, 23 April, 2022	**113**	24.2	24.2	24.3	24.2	24.2	24.1	24.4	25.0	26.6	28.4	28.4	29.4	28.7	29.2	28.7	28.3	28.1	26.8	26.2	25.7	25.7	25.5	25.3	25.3
Sunday, 24 April, 2022	**114**	25.0	24.9	24.8	24.9	24.6	24.3	24.8	25.6	26.2	27.2	27.6	29.0	28.4	28.2	28.4	28.3	27.7	27.0	26.3	26.2	26.1	26.2	26.0	26.1
Monday, 25 April, 2022	**115**	25.9	25.9	25.8	25.7	25.6	25.6	25.8	26.2	27.3	29.0	29.6	29.7	29.3	28.8	28.6	28.1	27.9	27.4	27.1	26.9	26.9	26.6	26.5	26.3
Tuesday, 26 April, 2022	**116**	26.3	26.1	25.9	25.9	25.7	25.7	25.9	26.7	27.0	29.3	29.3	28.9	28.6	29.0	29.0	28.8	27.8	27.2	26.9	26.7	26.8	26.7	26.5	26.5
Wednesday, 27 April, 2022	**117**	26.4	26.3	26.3	26.1	25.9	25.9	26.2	27.6	28.9	30.3	30.8	30.0	30.2	30.4	29.9	29.7	29.2	28.8	28.0	27.4	27.2	27.1	26.9	26.8
Thursday, 28 April, 2022	**118**	26.8	26.7	26.6	26.6	26.6	26.6	26.7	26.9	27.3	27.8	28.5	28.8	29.8	30.4	30.1	29.7	29.2	28.2	27.4	27.1	26.5	26.7	26.2	26.1
Friday, 29 April, 2022	**119**	25.7	25.4	25.4	25.4	25.0	25.0	26.2	27.0	27.8	29.5	29.8	30.0	29.8	30.5	31.2	30.1	29.6	27.9	27.4	27.1	27.1	26.8	26.6	26.2
Saturday, 30 April, 2022	**120**	26.0	25.8	25.6	25.2	25.3	25.3	26.1	26.5	27.6	27.2	27.3	26.8	27.0	26.0	25.8	25.3	25.2	25.3	25.1	24.9	24.8	25.0	24.5	24.6

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Sunday, 1 May, 2022	**121**	24.7	24.6	24.5	24.2	23.2	22.8	20.7	19.9	19.7	19.5	19.4	19.2	18.6	18.3	18.1	17.8	17.4	17.0	16.8	16.7	16.6	16.6	16.7	16.5
Monday, 2 May, 2022	**122**	16.2	16.2	16.2	16.2	16.2	16.1	16.1	16.1	16.5	17.2	18.0	18.9	19.8	20.0	19.9	19.8	19.9	19.4	19.3	19.4	19.3	19.3	19.0	18.7
Tuesday, 3 May, 2022	**123**	18.7	18.0	18.0	17.8	18.0	18.0	18.9	20.4	21.4	23.7	25.1	26.0	25.6	26.3	25.1	25.3	25.3	23.9	23.0	22.6	22.1	22.2	21.7	21.6
Wednesday, 4 May, 2022	**124**	21.4	21.4	20.1	19.9	19.7	20.0	21.4	23.6	25.4	26.8	n/a	n/a	27.9	27.9	27.7	26.8	26.6	24.9	24.4	23.7	23.5	23.3	22.7	22.7
Thursday, 5 May, 2022	**125**	22.2	21.9	22.0	22.9	22.0	22.5	22.8	24.1	25.7	26.2	26.2	26.7	26.6	27.3	27.7	26.1	25.8	25.1	24.7	24.0	23.6	23.3	23.2	22.9
Friday, 6 May, 2022	**126**	22.6	22.4	22.8	22.6	22.3	22.2	23.6	24.9	26.7	27.9	28.4	28.5	29.0	28.5	28.1	27.1	26.7	25.6	25.0	24.6	24.6	24.3	24.3	24.3
Saturday, 7 May, 2022	**127**	24.2	23.9	23.8	23.3	23.2	23.0	23.5	24.8	26.2	28.0	28.2	28.1	28.5	27.9	26.4	26.5	26.1	24.5	23.9	23.5	23.1	22.9	22.6	22.5
Sunday, 8 May, 2022	**128**	23.4	23.1	23.6	23.6	22.6	22.3	23.1	24.1	24.8	26.1	26.6	27.0	26.7	26.4	26.9	26.7	26.0	25.4	25.0	24.7	24.6	24.6	24.4	23.8
Monday, 9 May, 2022	**129**	23.8	23.9	23.6	23.9	23.7	23.6	23.8	24.5	24.9	25.5	26.9	26.3	27.3	27.2	27.5	26.9	26.3	25.8	25.3	24.8	24.9	24.8	25.0	25.1
Tuesday, 10 May, 2022	**130**	25.0	24.8	24.8	24.8	24.8	24.6	24.9	25.1	25.8	26.0	26.3	26.5	26.4	26.9	26.3	25.9	25.7	25.0	24.9	25.0	25.3	25.3	25.3	25.5
Wednesday, 11 May, 2022	**131**	25.2	24.9	25.0	24.9	25.0	25.0	24.4	24.7	24.4	24.4	24.8	24.8	24.8	24.4	24.2	24.7	23.9	23.8	23.9	24.2	24.4	24.5	24.6	24.7
Thursday, 12 May, 2022	**132**	24.8	25.0	25.2	25.7	25.8	24.7	24.2	24.2	23.8	23.8	23.9	24.1	24.6	24.9	25.1	25.2	24.8	24.1	24.8	25.1	24.3	24.1	24.1	24.2
Friday, 13 May, 2022	**133**	24.3	24.6	24.6	24.0	25.0	24.9	24.7	24.8	24.7	25.3	25.8	26.6	28.0	27.9	26.8	26.9	26.2	25.7	25.3	24.4	24.4	24.3	24.2	24.1
Saturday, 14 May, 2022	**134**	24.1	24.1	23.9	23.8	23.6	23.4	23.3	23.8	24.1	24.1	24.7	25.0	26.2	26.0	25.5	25.0	25.2	25.5	25.0	24.7	24.7	24.7	24.5	24.1
Sunday, 15 May, 2022	**135**	24.1	23.7	23.6	22.8	22.6	22.6	22.9	22.8	23.3	22.7	22.3	23.6	24.5	25.6	25.6	24.5	23.2	22.9	23.0	22.0	21.9	21.7	21.0	20.4
Monday, 16 May, 2022	**136**	20.2	19.8	19.7	19.7	19.0	19.1	19.1	18.7	18.4	18.7	19.0	18.9	19.1	20.0	19.7	20.2	20.5	20.1	20.0	20.0	20.2	19.9	19.4	18.9
Tuesday, 17 May, 2022	**137**	19.3	19.2	19.2	19.3	19.2	19.3	19.3	20.2	21.9	24.0	25.4	25.1	25.8	26.0	26.2	24.9	24.7	23.8	22.9	22.7	22.3	21.7	21.8	21.7
Wednesday, 18 May, 2022	**138**	21.3	21.4	20.8	19.8	19.1	18.8	19.4	23.8	24.9	27.5	28.0	28.5	27.1	26.5	26.8	26.1	26.4	25.7	24.8	24.4	24.3	23.7	22.9	23.0
Thursday, 19 May, 2022	**139**	23.7	24.2	23.7	23.3	22.7	22.7	23.0	24.3	25.1	24.4	27.1	28.6	28.7	29.5	29.2	28.6	27.7	26.9	25.7	25.3	25.1	25.0	24.9	24.6
Friday, 20 May, 2022	**140**	24.6	24.7	24.7	24.7	24.4	24.3	24.5	26.4	28.1	28.6	29.1	30.5	29.4	29.4	29.7	29.4	28.2	26.6	26.1	25.7	25.3	25.2	25.0	24.6
Saturday, 21 May, 2022	**141**	24.4	24.4	24.1	23.8	24.0	23.6	24.6	25.7	27.6	28.4	28.9	30.1	30.5	29.6	29.4	28.4	28.0	26.7	26.2	26.1	25.8	25.9	25.7	25.7
Sunday, 22 May, 2022	**142**	25.7	25.6	25.2	25.0	24.9	24.8	24.9	26.0	25.6	25.6	26.3	27.0	27.0	27.4	28.1	27.4	27.1	26.4	26.0	25.7	25.5	25.5	25.3	24.2
Monday, 23 May, 2022	**143**	24.6	24.8	24.6	24.5	24.2	24.4	24.7	25.0	25.5	25.0	25.9	26.0	26.8	27.1	27.0	26.5	26.2	26.1	25.7	25.5	25.5	25.5	25.5	25.4
Tuesday, 24 May, 2022	**144**	25.1	24.7	24.6	24.1	24.5	24.6	25.4	25.8	26.4	26.0	26.4	26.8	26.9	25.7	26.0	25.5	25.8	26.0	25.4	25.3	25.4	25.3	24.9	24.8
Wednesday, 25 May, 2022	**145**	24.9	24.8	24.8	24.5	24.4	24.3	24.6	25.0	25.8	26.3	26.9	26.2	26.6	27.8	27.4	27.0	26.8	26.2	26.0	25.7	25.9	26.0	25.8	25.8
Thursday, 26 May, 2022	**146**	25.7	25.5	25.2	25.5	25.4	25.2	26.0	26.3	26.8	28.7	29.4	30.8	30.3	29.7	28.1	28.0	27.7	27.5	27.1	26.7	26.6	26.7	26.7	26.6
Friday, 27 May, 2022	**147**	26.5	26.1	26.3	26.4	26.3	26.1	26.6	27.1	26.9	26.0	25.6	25.9	25.5	26.1	25.9	26.3	26.9	26.9	26.8	26.7	26.7	26.8	26.6	26.6
Saturday, 28 May, 2022	**148**	26.6	26.7	26.8	26.6	26.5	26.8	27.2	27.7	29.1	28.9	30.2	29.8	30.5	30.6	30.3	30.3	29.5	28.4	28.1	27.9	27.8	27.7	27.8	27.8
Sunday, 29 May, 2022	**149**	27.9	27.2	26.9	26.7	26.6	26.6	26.8	28.8	29.8	29.7	30.8	31.5	30.9	30.1	30.4	30.0	29.9	29.1	28.4	28.0	27.8	27.7	27.7	27.5
Monday, 30 May, 2022	**150**	27.4	27.4	27.0	27.1	27.0	27.1	27.2	27.1	27.2	28.2	29.9	31.0	31.5	31.0	30.0	29.8	29.2	28.8	28.3	27.4	27.4	27.7	27.6	27.4
Tuesday, 31 May, 2022	**151**	27.3	27.3	27.1	27.1	26.9	26.1	26.8	27.8	29.3	30.9	29.5	26.2	26.5	26.3	27.0	27.1	27.4	27.2	27.0	26.8	26.8	26.8	26.9	27.1
Wednesday, 1 June, 2022	**152**	27.2	26.9	26.7	26.5	26.1	25.9	27.1	29.0	30.4	30.7	30.9	30.7	28.5	27.5	28.3	28.6	28.7	28.6	28.4	27.6	27.4	27.4	27.4	27.1
Thursday, 2 June, 2022	**153**	27.3	26.9	26.3	26.3	26.3	26.2	26.9	27.6	29.5	30.0	31.1	30.0	29.9	30.1	29.8	28.2	28.7	29.0	28.4	28.4	28.1	28.0	28.0	27.7
Friday, 3 June, 2022	**154**	27.8	26.3	26.3	26.5	26.7	27.0	26.4	26.6	28.7	29.3	30.0	29.7	29.0	29.9	29.2	29.5	29.1	29.0	28.8	28.5	28.4	28.4	28.5	28.5
Saturday, 4 June, 2022	**155**	28.4	27.6	27.8	27.9	28.2	27.9	28.5	28.2	30.3	30.6	30.9	30.5	31.4	30.7	30.9	30.7	30.6	29.8	29.2	29.1	28.6	28.6	28.8	28.6
Sunday, 5 June, 2022	**156**	28.3	28.4	28.6	28.4	28.3	28.3	28.7	29.1	30.0	31.3	31.5	30.4	31.1	31.0	30.9	31.1	30.3	29.8	29.3	29.2	29.0	28.7	28.5	28.0
Monday, 6 June, 2022	**157**	28.1	28.2	28.1	28.1	28.0	27.8	28.6	29.5	30.3	30.6	31.6	30.2	25.4	26.6	26.9	27.4	27.9	28.2	28.1	28.1	28.2	28.0	27.9	27.9
Tuesday, 7 June, 2022	**158**	27.6	27.4	27.1	26.1	24.5	24.9	25.3	26.1	26.7	27.5	27.5	28.9	29.3	28.4	29.1	28.7	28.0	27.1	27.2	24.4	24.3	24.3	24.3	24.2
Wednesday, 8 June, 2022	**159**	24.3	25.2	25.2	25.4	25.3	25.6	26.0	26.6	27.2	25.9	24.3	24.3	24.7	24.8	24.7	24.7	24.4	24.5	24.6	24.9	25.0	25.1	25.4	25.5
Thursday, 9 June, 2022	**160**	25.4	25.5	25.4	25.5	25.6	25.7	26.5	26.8	27.5	27.6	27.0	26.0	25.5	25.7	26.3	26.4	26.4	26.6	26.7	26.9	26.6	26.9	25.0	25.2
Friday, 10 June, 2022	**161**	25.3	25.3	25.2	25.2	25.4	25.3	25.7	26.2	26.7	26.7	26.7	26.0	26.3	26.7	26.9	27.0	27.0	26.9	25.9	25.8	25.9	25.8	26.0	26.3
Saturday, 11 June, 2022	**162**	25.9	25.8	25.8	25.7	25.9	25.8	25.9	25.8	26.7	27.3	27.5	27.7	27.7	26.2	26.0	25.9	25.9	26.0	25.5	25.6	25.8	26.4	26.1	26.4
Sunday, 12 June, 2022	**163**	26.5	26.3	25.2	25.2	25.3	26.0	26.2	26.4	27.5	29.0	29.8	29.8	30.0	29.4	29.3	29.3	29.4	29.0	28.5	28.4	28.3	28.0	28.2	28.1
Monday, 13 June, 2022	**164**	28.0	27.9	27.8	27.8	27.7	27.6	28.0	28.9	29.7	30.0	29.8	30.4	30.8	29.9	30.1	29.9	29.7	29.1	28.9	28.7	28.4	28.2	28.2	28.0
Tuesday, 14 June, 2022	**165**	28.0	27.9	27.8	27.6	27.8	27.8	28.1	28.4	28.8	28.8	28.2	28.4	28.4	27.3	25.3	24.9	25.1	25.4	25.3	25.2	24.8	24.7	24.8	25.3
Wednesday, 15 June, 2022	**166**	25.5	25.2	25.0	24.8	25.3	25.2	25.3	26.4	29.4	29.3	30.6	30.2	31.1	29.8	29.7	28.7	28.6	27.9	26.9	25.5	23.4	23.5	23.6	23.7
Thursday, 16 June, 2022	**167**	23.8	23.8	24.1	24.2	24.5	24.8	25.2	26.1	27.2	28.2	29.7	29.1	29.3	29.2	29.1	28.9	28.6	28.9	28.4	28.4	28.2	28.2	28.1	28.0
Friday, 17 June, 2022	**168**	27.7	27.9	27.7	27.7	28.0	27.8	28.0	28.6	29.4	29.8	29.5	29.8	30.4	30.2	29.8	29.7	29.5	29.1	28.9	28.4	28.5	28.3	27.9	27.6
Saturday, 18 June, 2022	**169**	27.9	27.6	27.7	27.9	27.6	27.7	27.9	28.3	28.6	28.2	29.4	29.9	29.4	30.5	30.1	29.6	29.2	28.3	28.6	28.5	28.6	28.4	28.5	28.0
Sunday, 19 June, 2022	**170**	28.2	28.1	28.0	27.8	27.7	27.7	28.2	28.5	29.4	29.7	29.4	29.8	30.3	30.5	30.0	30.0	29.7	29.5	28.9	28.5	28.5	28.5	28.1	27.6
Monday, 20 June, 2022	**171**	27.7	27.5	27.5	27.8	28.1	28.2	28.5	29.0	29.6	29.9	30.1	29.7	30.3	30.3	30.1	29.5	29.4	29.2	28.9	28.7	28.5	28.3	28.3	28.3
Tuesday, 21 June, 2022	**172**	28.2	28.3	28.5	28.5	28.4	28.4	28.0	28.6	28.3	29.2	29.7	30.1	30.0	29.9	30.4	29.8	29.5	29.2	28.7	28.5	28.5	28.5	28.6	28.4
Wednesday, 22 June, 2022	**173**	28.3	28.0	27.5	27.5	27.6	27.3	28.0	28.7	30.0	30.6	30.1	30.6	30.6	31.3	31.2	31.3	30.7	29.7	29.2	28.4	28.7	28.5	28.3	28.1
Thursday, 23 June, 2022	**174**	27.9	27.9	27.8	27.8	27.7	27.1	27.9	28.9	30.9	31.9	32.0	32.2	32.4	32.2	31.8	31.4	31.5	30.3	29.7	29.0	28.8	28.3	28.3	28.5
Friday, 24 June, 2022	**175**	27.8	27.5	27.0	26.6	26.4	26.3	27.3	28.4	30.2	30.9	31.8	31.8	31.9	32.5	32.9	31.8	31.5	30.1	29.8	29.1	28.7	28.6	28.4	27.8
Saturday, 25 June, 2022	**176**	27.3	27.1	26.8	26.6	26.8	26.8	27.6	28.3	29.7	30.4	31.1	31.8	32.2	32.4	32.3	31.4	30.5	29.8	29.4	28.9	28.8	28.7	28.3	28.1
Sunday, 26 June, 2022	**177**	28.1	27.4	27.5	27.2	27.3	26.4	27.0	27.8	29.3	31.2	31.8	32.1	32.0	32.2	32.1	31.6	31.0	29.9	29.4	29.2	28.9	28.8	28.7	28.3
Monday, 27 June, 2022	**178**	28.0	28.2	27.9	27.8	27.4	27.2	27.2	27.9	29.5	31.5	32.1	31.9	31.9	31.4	31.3	30.8	30.8	30.3	29.7	29.0	28.8	28.5	28.5	28.5
Tuesday, 28 June, 2022	**179**	28.3	28.0	28.0	27.6	27.5	27.2	28.1	29.0	30.4	32.5	33.0	33.2	32.5	33.0	32.5	32.7	31.8	31.1	30.6	29.8	29.2	28.9	28.8	28.2
Wednesday, 29 June, 2022	**180**	28.0	27.9	28.2	27.8	27.6	27.3	28.3	29.7	30.1	30.3	30.8	28.8	28.6	30.4	30.8	30.4	30.0	30.0	29.9	29.6	29.2	29.3	28.8	28.7
Thursday, 30 June, 2022	**181**	28.8	27.9	27.3	27.3	25.5	26.2	26.1	26.4	26.7	27.7	29.0	29.4	28.0	27.2	27.0	26.2	26.9	26.8	26.0	26.0	26.0	26.4	26.6	26.5

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Friday, 1 July, 2022	**182**	26.7	25.5	25.4	25.7	25.6	25.7	25.9	26.8	27.8	28.0	30.1	30.7	30.5	26.5	26.4	26.0	26.0	27.4	27.6	28.2	28.5	28.8	27.2	27.7
Saturday, 2 July, 2022	**183**	26.5	26.2	26.1	25.9	26.7	27.4	26.9	27.7	27.4	25.9	25.7	25.5	26.4	27.2	27.7	27.0	25.5	26.0	25.6	26.9	27.8	27.1	28.2	28.5
Sunday, 3 July, 2022	**184**	28.4	28.6	28.7	28.7	28.6	28.8	28.8	28.8	28.9	28.9	29.1	29.0	29.3	29.2	29.2	29.3	29.0	29.0	28.9	28.6	28.3	28.3	28.4	28.5
Monday, 4 July, 2022	**185**	27.6	27.9	27.8	27.8	27.8	27.1	27.8	28.3	27.7	28.3	28.5	28.7	29.0	29.3	29.1	29.3	29.1	28.9	28.8	28.7	28.6	28.6	28.5	28.5
Tuesday, 5 July, 2022	**186**	28.5	28.5	28.6	28.5	27.6	27.6	27.9	28.4	28.5	29.0	29.2	29.3	29.0	28.9	26.9	26.8	26.9	27.1	27.0	27.2	27.6	27.4	27.2	27.2
Wednesday, 6 July, 2022	**187**	27.6	27.7	27.6	27.3	27.2	27.2	27.1	27.8	27.5	29.3	28.5	30.0	31.0	30.4	28.7	28.6	28.3	27.9	27.9	27.4	27.6	27.5	27.5	27.4
Thursday, 7 July, 2022	**188**	27.4	27.2	27.3	27.3	27.5	27.5	27.5	28.4	29.2	30.0	29.6	28.6	27.9	28.9	28.5	27.3	27.6	28.0	28.2	28.1	28.3	28.1	28.2	27.9
Friday, 8 July, 2022	**189**	27.4	27.4	27.2	27.0	26.8	26.5	27.5	28.3	29.5	29.9	31.2	30.6	31.1	31.5	31.7	31.5	31.2	30.3	30.0	29.1	29.1	28.7	28.1	27.7
Saturday, 9 July, 2022	**190**	27.6	28.1	27.9	27.7	28.0	27.9	28.0	29.2	29.3	30.8	31.4	31.6	31.7	31.8	31.0	31.1	31.1	30.8	30.1	29.7	29.5	29.3	29.2	29.0
Sunday, 10 July, 2022	**191**	28.7	28.6	28.5	28.0	27.8	28.3	28.4	29.3	30.1	31.3	32.0	31.5	31.8	31.5	31.6	31.4	31.2	30.4	29.9	29.6	29.5	29.2	29.0	29.0
Monday, 11 July, 2022	**192**	28.7	28.5	28.1	27.7	27.3	27.6	28.3	29.2	30.3	32.1	31.7	32.5	33.0	32.6	32.6	32.8	32.3	30.9	30.4	29.9	29.4	29.2	29.0	28.7
Tuesday, 12 July, 2022	**193**	28.5	28.0	27.9	27.8	27.5	27.1	28.0	29.2	30.3	32.2	32.9	32.9	32.8	33.2	32.6	32.2	32.2	30.7	30.3	29.6	29.3	29.1	28.6	28.2
Wednesday, 13 July, 2022	**194**	28.0	28.5	27.8	27.6	27.6	27.2	27.9	29.1	31.3	33.0	33.4	33.0	33.3	33.3	32.3	32.4	32.3	31.1	30.6	29.5	29.5	29.2	29.1	28.9
Thursday, 14 July, 2022	**195**	28.7	28.7	28.5	28.1	27.7	27.3	28.0	29.0	30.1	30.6	33.0	32.4	32.9	33.0	32.7	32.6	32.1	31.0	30.2	30.0	29.7	29.4	29.2	29.0
Friday, 15 July, 2022	**196**	28.9	28.7	28.3	27.7	27.4	27.6	28.3	29.0	29.7	31.1	31.7	31.6	31.6	32.3	32.5	32.3	31.9	31.2	30.7	30.2	29.8	29.3	29.2	29.2
Saturday, 16 July, 2022	**197**	29.1	29.3	29.3	29.2	29.0	28.8	29.1	29.6	29.7	29.8	31.0	31.6	31.9	32.4	32.9	32.7	32.1	30.9	30.5	30.0	29.8	29.6	29.0	29.3
Sunday, 17 July, 2022	**198**	29.5	29.2	29.3	29.2	28.9	29.1	29.3	29.7	30.4	31.1	31.5	31.3	32.0	32.5	31.5	31.8	31.6	30.8	30.6	30.0	29.9	29.8	29.8	29.7
Monday, 18 July, 2022	**199**	29.3	29.4	29.3	29.1	28.8	28.8	29.2	29.9	30.6	31.7	31.3	32.3	32.6	32.4	31.8	31.8	31.5	30.8	30.5	30.1	30.0	29.7	29.6	29.6
Tuesday, 19 July, 2022	**200**	29.7	29.6	29.4	28.7	29.1	29.0	29.0	29.1	30.6	31.8	33.0	33.0	32.1	31.5	31.6	31.3	30.9	30.7	30.0	29.8	29.8	29.8	29.7	29.7
Wednesday, 20 July, 2022	**201**	29.5	29.4	29.3	29.2	29.1	28.7	29.1	29.9	30.7	31.3	31.5	31.2	31.7	32.5	31.5	31.2	31.0	30.6	30.3	30.2	30.0	29.9	29.6	29.5
Thursday, 21 July, 2022	**202**	29.1	28.7	28.9	28.8	28.6	28.5	29.0	29.7	30.4	31.6	32.6	32.8	32.7	32.9	33.1	32.5	32.0	31.1	30.6	30.0	29.1	28.6	28.4	28.1
Friday, 22 July, 2022	**203**	28.0	27.5	27.4	27.2	27.5	27.6	28.2	30.2	31.5	33.2	33.8	34.6	34.6	35.0	35.4	35.2	34.8	32.5	31.6	31.2	30.8	30.2	29.7	29.7
Saturday, 23 July, 2022	**204**	29.1	29.1	28.7	28.6	28.4	28.2	29.0	30.0	31.2	32.7	32.8	34.7	35.0	35.1	34.8	34.8	33.7	31.9	31.9	31.0	30.8	30.7	30.3	29.9
Sunday, 24 July, 2022	**205**	29.5	29.6	29.4	29.3	29.0	28.8	29.0	30.3	31.6	34.2	34.9	35.9	36.1	36.2	35.9	35.3	34.1	32.5	31.8	31.4	31.1	30.8	30.5	30.0
Monday, 25 July, 2022	**206**	29.7	29.3	29.5	29.3	29.3	29.1	29.5	30.6	31.8	32.9	33.9	34.5	34.6	35.2	34.7	33.9	33.7	32.5	31.6	31.0	30.8	30.1	30.2	30.0
Tuesday, 26 July, 2022	**207**	30.1	30.0	29.9	29.6	29.6	29.2	29.5	30.2	31.4	32.5	33.9	33.3	33.1	33.5	33.7	33.1	32.5	31.6	30.8	30.1	29.8	29.7	29.2	29.4
Wednesday, 27 July, 2022	**208**	29.2	29.1	28.6	28.2	27.8	27.9	28.3	29.3	30.8	32.2	33.6	32.8	33.2	34.1	34.0	34.1	33.0	31.3	30.8	30.3	29.7	29.2	29.0	28.6
Thursday, 28 July, 2022	**209**	28.3	28.4	28.5	28.2	28.1	28.2	28.8	30.0	30.6	31.3	32.1	33.9	33.8	34.6	34.8	34.5	33.6	32.2	31.4	30.8	30.4	30.1	29.7	29.3
Friday, 29 July, 2022	**210**	29.0	29.0	28.8	28.7	28.5	28.4	28.9	30.4	31.6	33.1	34.2	34.6	34.7	34.7	34.8	33.4	32.3	31.8	31.5	31.1	30.7	30.4	30.2	30.3
Saturday, 30 July, 2022	**211**	30.1	29.6	29.5	29.4	29.3	29.3	29.8	30.7	31.5	29.3	27.3	27.4	25.9	25.4	26.4	27.6	28.2	28.4	28.1	27.8	27.6	27.7	27.7	27.8
Sunday, 31 July, 2022	**212**	27.9	27.8	27.5	27.3	27.1	27.1	27.7	28.9	30.8	32.0	33.6	33.3	34.0	33.8	34.4	33.7	33.0	31.4	30.8	30.3	30.3	30.0	29.3	29.0
Monday, 1 August, 2022	**213**	28.7	28.3	28.1	28.4	27.9	27.6	28.0	29.9	31.0	32.9	34.1	34.2	33.8	33.9	34.4	34.2	33.8	31.7	31.5	30.8	30.4	30.3	30.1	29.4
Tuesday, 2 August, 2022	**214**	28.9	28.6	28.6	28.2	28.1	28.1	28.6	30.6	31.7	32.9	34.5	34.3	34.2	34.4	34.2	34.1	33.6	32.5	32.1	31.5	27.1	27.2	26.9	27.5
Wednesday, 3 August, 2022	**215**	27.9	27.6	27.6	27.0	26.8	26.9	27.5	27.9	28.7	28.3	28.0	29.6	30.0	28.4	28.7	29.0	27.1	26.4	26.3	26.6	26.8	26.2	26.1	26.0
Thursday, 4 August, 2022	**216**	25.9	26.0	26.0	26.0	25.9	26.4	26.5	26.3	25.7	25.8	25.8	26.0	26.3	26.3	26.2	26.8	26.3	25.7	26.5	26.5	26.7	27.2	25.9	26.7
Friday, 5 August, 2022	**217**	27.2	26.6	26.3	24.7	24.3	24.5	24.5	24.9	25.7	26.7	27.2	27.3	27.0	25.1	25.2	26.1	25.5	25.4	25.3	25.3	25.5	25.7	25.5	25.5
Saturday, 6 August, 2022	**218**	25.4	25.2	25.3	25.5	25.2	25.2	25.7	26.7	28.7	29.8	30.5	28.7	29.7	27.1	27.0	27.6	27.6	27.9	27.4	27.0	26.9	26.9	27.0	26.8
Sunday, 7 August, 2022	**219**	26.6	26.4	26.5	26.5	26.4	26.4	27.1	28.3	29.7	31.1	32.7	32.3	31.8	30.7	32.0	32.5	31.6	31.2	30.7	30.0	28.7	28.8	29.0	28.8
Monday, 8 August, 2022	**220**	28.1	28.6	28.4	27.6	27.7	27.9	28.2	28.3	26.0	26.5	28.8	30.0	28.6	29.9	31.1	26.7	27.8	28.1	28.8	28.2	27.5	27.7	27.4	27.2
Tuesday, 9 August, 2022	**221**	26.9	25.6	25.5	25.2	26.3	26.2	26.6	26.7	27.9	26.7	27.5	25.7	26.2	26.5	25.8	26.3	26.1	25.8	25.5	25.4	25.4	24.9	25.7	25.6
Wednesday, 10 August, 2022	**222**	25.8	25.7	25.9	26.2	26.5	25.8	26.2	27.4	28.5	28.8	27.7	27.5	26.8	28.7	25.7	26.5	25.9	26.1	26.2	26.2	25.9	26.1	25.9	26.1
Thursday, 11 August, 2022	**223**	26.3	26.7	27.2	27.3	27.3	27.4	27.6	27.6	27.6	29.0	26.2	24.8	27.0	27.1	27.4	26.6	26.5	26.2	25.7	25.1	25.3	25.5	26.0	25.9
Friday, 12 August, 2022	**224**	25.9	25.7	25.6	25.7	25.9	26.3	26.7	28.0	25.3	24.5	24.7	24.7	24.9	25.2	25.4	25.9	26.4	26.5	26.0	25.2	25.1	24.9	25.1	25.1
Saturday, 13 August, 2022	**225**	25.3	25.3	24.9	25.3	25.0	24.8	25.2	26.5	27.6	29.6	31.2	31.2	30.7	31.2	28.8	29.3	29.2	28.8	27.8	27.7	27.4	27.3	27.3	27.0
Sunday, 14 August, 2022	**226**	26.6	26.4	26.1	26.2	26.0	25.8	26.2	27.7	29.5	31.4	32.5	32.0	32.1	32.5	32.5	31.8	31.1	30.0	29.3	29.1	28.8	28.6	28.5	28.4
Monday, 15 August, 2022	**227**	28.0	27.7	27.4	26.9	26.9	26.9	27.3	28.7	30.3	30.3	31.2	31.8	32.8	32.7	32.9	32.6	31.6	30.8	29.9	29.7	29.5	29.2	29.0	28.8
Tuesday, 16 August, 2022	**228**	28.2	27.8	27.6	27.3	27.3	27.3	27.6	27.7	29.1	29.7	29.5	28.3	29.3	30.6	31.6	31.4	31.8	30.7	29.3	29.6	29.4	29.4	29.0	28.9
Wednesday, 17 August, 2022	**229**	28.6	28.8	28.6	28.1	28.0	27.7	27.9	28.3	29.4	30.7	30.7	31.4	30.6	31.0	30.7	29.9	26.8	25.5	25.6	25.9	25.8	25.8	25.9	26.2
Thursday, 18 August, 2022	**230**	26.4	26.4	26.3	26.2	25.4	25.6	25.8	26.0	26.6	28.1	30.3	29.1	30.6	30.8	30.9	30.3	30.3	27.9	27.3	27.7	27.6	27.5	27.4	27.4
Friday, 19 August, 2022	**231**	27.7	27.3	27.5	27.0	26.3	26.1	26.2	26.8	27.6	27.0	27.6	29.7	30.2	30.0	28.7	28.7	29.0	28.8	28.4	28.4	28.3	27.8	27.7	27.8
Saturday, 20 August, 2022	**232**	27.4	27.3	26.9	27.5	26.2	26.3	26.8	27.9	28.8	29.9	30.0	30.5	30.5	27.4	26.0	26.4	27.3	27.5	27.6	27.2	27.1	28.2	28.2	28.0
Sunday, 21 August, 2022	**233**	28.1	27.9	27.6	26.3	27.0	26.2	26.5	27.5	29.1	29.9	29.1	31.4	30.6	31.5	31.4	31.1	30.1	29.4	29.2	29.0	28.9	28.7	28.7	28.5
Monday, 22 August, 2022	**234**	28.4	28.2	27.9	27.5	27.1	26.9	27.3	28.7	29.9	31.3	32.6	32.6	32.9	33.0	33.2	32.8	32.1	30.7	30.1	29.7	29.5	29.3	29.1	29.0
Tuesday, 23 August, 2022	**235**	28.9	28.7	28.4	28.1	27.8	27.8	28.4	30.1	31.2	32.4	33.5	33.9	34.0	34.2	34.9	34.8	34.5	33.1	31.9	31.2	30.8	31.0	30.1	30.1
Wednesday, 24 August, 2022	**236**	29.8	29.6	29.4	29.2	28.9	28.7	28.9	30.0	31.6	32.9	33.5	34.3	34.7	33.6	33.4	33.4	32.3	31.8	30.9	30.7	30.1	30.0	29.5	26.7
Thursday, 25 August, 2022	**237**	27.4	27.6	25.8	24.6	25.0	26.1	26.1	25.2	24.5	25.1	27.2	25.2	24.9	26.5	28.3	28.0	27.3	26.0	25.7	25.7	25.6	25.9	26.4	26.7
Friday, 26 August, 2022	**238**	27.0	27.3	27.5	27.2	26.9	27.2	27.6	27.9	28.8	30.4	30.8	29.8	30.4	30.9	30.3	30.4	29.7	29.3	28.7	28.5	28.5	28.3	28.1	28.0
Saturday, 27 August, 2022	**239**	27.8	27.6	27.6	27.2	26.7	26.4	26.7	28.1	29.2	30.7	31.6	31.9	32.9	33.1	33.0	32.5	31.7	30.3	29.3	28.9	28.6	29.0	28.6	28.7
Sunday, 28 August, 2022	**240**	28.3	28.4	27.9	27.4	27.4	27.3	27.5	29.5	30.3	31.9	32.7	33.6	34.2	32.6	31.8	32.0	31.8	30.3	29.9	29.8	29.3	29.3	29.2	29.0
Monday, 29 August, 2022	**241**	28.5	28.2	28.1	28.0	27.6	27.4	27.6	28.1	28.6	29.6	30.2	31.3	31.4	30.1	27.9	30.7	30.2	29.4	29.1	28.7	28.6	28.5	28.0	28.0
Tuesday, 30 August, 2022	**242**	28.0	27.6	27.2	27.1	27.1	26.9	27.3	28.5	30.0	30.2	30.9	31.7	32.3	31.8	31.8	30.6	29.9	29.5	28.8	28.8	28.4	28.4	28.1	28.0
Wednesday, 31 August, 2022	**243**	27.8	27.4	27.4	27.7	27.6	27.8	27.7	28.8	30.5	31.1	31.6	28.7	29.8	30.7	29.5	28.5	29.2	29.0	28.3	27.8	27.7	27.6	27.4	27.5

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Thursday, 1 September, 2022	**244**	27.5	27.3	27.0	27.0	27.0	27.2	27.2	29.1	30.0	30.9	30.7	30.2	32.6	32.2	30.6	26.7	26.8	26.7	26.5	26.7	26.6	26.5	26.2	26.0
Friday, 2 September, 2022	**245**	25.7	25.6	25.5	25.7	26.0	26.4	26.7	26.9	27.5	28.8	29.9	30.6	30.7	31.5	31.6	31.6	31.1	30.7	30.1	29.6	29.2	29.3	28.5	28.4
Saturday, 3 September, 2022	**246**	28.1	27.9	27.6	27.3	26.6	26.2	26.3	27.2	28.2	29.4	30.4	30.9	31.4	31.3	31.6	31.6	31.6	30.9	28.8	28.4	28.3	29.8	29.9	29.5
Sunday, 4 September, 2022	**247**	29.2	29.1	28.6	28.1	28.0	27.4	27.2	28.3	29.0	30.1	31.2	31.6	32.0	32.5	32.7	32.6	32.2	30.9	30.2	29.1	28.8	28.8	29.0	28.5
Monday, 5 September, 2022	**248**	27.9	27.9	27.9	29.0	28.8	28.5	28.5	29.8	30.9	31.7	32.9	32.8	33.3	33.0	33.2	33.1	32.2	31.2	29.9	29.0	28.8	28.5	28.2	28.1
Tuesday, 6 September, 2022	**249**	28.0	27.8	27.3	27.1	27.1	26.9	26.9	28.1	30.5	32.2	33.7	34.3	33.3	32.2	32.2	32.5	32.5	30.8	29.7	29.9	29.2	29.1	29.2	28.9
Wednesday, 7 September, 2022	**250**	29.0	28.4	28.6	28.1	26.2	26.1	26.4	26.9	28.0	28.2	28.4	28.8	29.1	29.3	30.7	29.7	29.5	29.0	28.6	28.3	28.1	28.2	28.0	27.8
Thursday, 8 September, 2022	**251**	27.5	28.1	27.9	27.7	27.6	27.4	27.4	28.5	29.4	30.4	30.3	30.2	31.3	32.0	30.3	30.1	29.7	29.3	29.0	28.6	28.4	27.8	27.9	27.3
Friday, 9 September, 2022	**252**	27.4	27.1	26.6	26.9	26.3	26.2	25.7	27.3	29.2	30.7	31.5	31.8	32.0	32.3	31.2	32.1	31.1	29.5	28.7	28.3	28.0	27.4	27.4	27.2
Saturday, 10 September, 2022	**253**	27.3	26.9	26.4	26.0	26.2	26.0	26.3	27.8	28.4	29.4	31.3	31.0	31.6	31.5	30.8	30.7	29.9	28.9	28.5	28.2	27.7	27.8	27.3	27.0
Sunday, 11 September, 2022	**254**	26.9	26.6	27.2	26.5	26.5	26.4	26.8	27.9	28.8	29.2	30.8	31.7	32.8	32.7	31.9	33.1	32.1	30.3	29.1	28.5	28.2	28.6	28.6	27.9
Monday, 12 September, 2022	**255**	28.1	27.8	27.3	27.4	27.4	27.1	27.2	29.3	30.6	32.5	33.8	34.4	34.6	34.6	34.4	34.2	33.4	32.0	30.8	29.5	28.8	28.2	28.2	28.1
Tuesday, 13 September, 2022	**256**	27.9	27.6	27.4	27.1	27.0	26.9	27.1	29.7	31.4	32.9	34.1	34.5	35.3	35.2	35.0	34.5	33.0	31.2	30.9	30.4	29.6	29.1	29.1	28.8
Wednesday, 14 September, 2022	**257**	28.9	28.5	28.2	27.9	28.3	28.1	28.1	28.7	30.9	32.3	34.0	33.8	34.2	34.1	34.0	33.9	33.3	32.4	31.3	30.1	29.2	29.0	28.6	28.3
Thursday, 15 September, 2022	**258**	28.0	27.8	27.7	27.5	27.2	26.9	26.9	28.6	30.5	32.4	33.9	33.4	33.2	34.2	33.9	33.5	32.1	30.3	29.7	29.9	29.4	29.3	28.5	28.5
Friday, 16 September, 2022	**259**	28.2	28.2	27.9	27.6	27.4	27.2	27.3	29.0	30.0	31.5	32.3	32.6	33.5	34.1	34.4	34.3	32.2	31.4	30.6	30.2	29.5	29.0	28.7	28.5
Saturday, 17 September, 2022	**260**	28.5	28.3	27.8	27.9	27.3	27.3	27.6	29.0	30.6	32.2	32.9	33.9	33.9	34.3	33.7	32.1	31.5	30.8	30.3	30.0	29.9	29.6	29.6	29.3
Sunday, 18 September, 2022	**261**	29.2	28.9	28.9	28.9	28.9	28.8	28.9	29.6	30.7	31.7	33.4	33.7	34.2	34.0	33.7	33.1	32.6	31.9	27.3	25.5	26.3	27.0	27.5	28.5
Monday, 19 September, 2022	**262**	28.0	27.5	25.8	25.2	25.7	26.5	26.4	27.4	28.4	30.0	31.0	31.2	32.4	32.6	33.1	31.2	29.8	28.8	27.1	26.2	26.2	26.4	26.1	26.3
Tuesday, 20 September, 2022	**263**	26.3	26.6	27.1	28.0	27.9	27.3	27.1	28.5	29.8	31.2	31.3	30.7	26.4	27.3	29.0	30.3	29.9	29.1	28.8	28.8	28.2	28.2	28.0	27.8
Wednesday, 21 September, 2022	**264**	28.0	28.0	27.3	27.2	27.4	27.0	26.8	27.7	28.6	29.4	31.0	31.0	31.0	31.0	30.3	29.8	29.1	28.6	27.9	27.1	27.1	27.4	27.1	26.7
Thursday, 22 September, 2022	**265**	26.7	26.6	27.2	27.3	26.6	26.2	26.3	27.2	28.2	29.2	29.5	29.8	29.5	29.7	30.1	30.2	28.8	28.4	28.4	28.0	27.3	26.9	26.7	26.4
Friday, 23 September, 2022	**266**	25.9	25.6	25.6	25.4	25.2	25.2	25.4	26.9	28.8	30.0	30.4	29.7	29.9	30.7	29.5	29.4	28.0	25.7	25.3	25.3	25.2	25.6	26.6	24.6
Saturday, 24 September, 2022	**267**	25.4	25.3	25.2	25.7	25.3	25.6	25.8	26.5	28.0	29.1	29.5	30.3	30.2	29.8	29.7	29.4	29.0	28.4	27.6	27.0	26.8	26.6	26.7	26.1
Sunday, 25 September, 2022	**268**	25.8	25.4	25.1	25.2	25.1	24.8	25.1	26.5	27.9	29.5	31.0	30.2	29.9	30.9	31.5	31.0	29.8	28.4	28.1	27.4	27.4	27.1	27.2	26.8
Monday, 26 September, 2022	**269**	26.5	26.5	26.3	26.2	26.0	25.3	25.4	27.4	28.8	30.1	30.6	31.3	31.8	32.8	32.8	32.0	30.4	29.5	29.1	28.8	28.5	28.4	27.9	27.5
Tuesday, 27 September, 2022	**270**	27.4	28.0	27.4	27.7	27.6	27.9	27.5	28.5	29.3	30.7	31.1	31.7	31.3	30.7	31.9	31.1	30.2	29.5	29.3	29.4	29.1	28.3	27.9	28.9
Wednesday, 28 September, 2022	**271**	28.8	28.5	28.3	28.0	28.2	28.0	27.9	28.1	28.8	29.6	31.5	30.9	30.6	31.6	31.1	31.1	30.6	29.8	29.3	28.9	28.8	28.8	28.6	28.2
Thursday, 29 September, 2022	**272**	28.2	28.3	28.4	27.9	27.9	28.1	28.2	27.6	24.1	25.5	26.2	27.0	27.5	29.3	28.8	29.4	28.9	28.5	27.9	28.0	27.8	27.9	27.9	28.2
Friday, 30 September, 2022	**273**	28.2	28.0	26.6	26.0	26.1	25.8	26.3	26.2	26.7	26.5	25.2	25.2	25.3	25.0	25.3	25.3	25.2	24.9	24.6	24.4	24.5	24.4	24.5	24.3
Saturday, 1 October, 2022	**274**	24.8	25.0	25.1	25.0	25.4	25.1	25.4	27.0	28.5	29.7	31.1	31.0	30.5	30.1	30.1	28.7	27.3	26.9	27.0	26.8	27.5	27.2	27.3	27.3
Sunday, 2 October, 2022	**275**	27.1	27.1	27.4	27.2	27.4	27.4	27.5	28.0	29.4	30.8	31.7	31.8	32.0	32.0	32.1	31.6	30.4	29.7	29.2	28.6	28.2	27.9	27.8	27.4
Monday, 3 October, 2022	**276**	27.1	27.4	27.2	26.7	26.7	26.9	26.7	28.0	29.5	30.4	31.1	31.2	31.3	31.6	31.3	31.6	30.3	29.1	28.5	28.0	27.9	27.5	27.2	26.9
Tuesday, 4 October, 2022	**277**	26.5	26.5	26.2	25.9	25.8	25.5	25.7	27.1	29.0	30.6	31.3	30.6	30.4	31.2	30.7	30.8	30.0	29.3	28.6	28.3	27.8	27.5	27.0	27.3
Wednesday, 5 October, 2022	**278**	27.0	27.1	26.6	27.0	27.0	27.3	26.9	27.9	29.0	29.2	30.9	31.8	31.4	30.7	31.4	31.5	29.9	29.2	28.3	28.5	28.4	27.9	27.8	28.4
Thursday, 6 October, 2022	**279**	28.2	27.9	27.5	27.5	26.6	26.1	26.1	27.3	28.7	29.5	30.1	30.5	30.8	31.2	30.0	30.4	29.3	28.5	28.3	28.1	28.2	28.2	27.3	27.0
Friday, 7 October, 2022	**280**	27.0	27.0	26.7	27.1	26.6	27.2	27.2	27.9	28.2	29.0	29.4	29.4	29.9	30.7	30.4	30.2	29.4	28.8	28.3	28.0	27.8	27.8	27.3	26.0
Saturday, 8 October, 2022	**281**	24.8	23.9	24.3	24.2	24.1	24.1	24.3	25.1	25.8	27.4	28.8	28.7	28.8	28.1	28.6	29.2	28.5	27.4	26.7	26.1	25.6	25.6	25.7	25.9
Sunday, 9 October, 2022	**282**	26.4	26.3	25.9	26.4	25.2	24.3	24.6	25.8	27.6	28.8	30.0	30.6	30.4	31.1	30.9	30.8	30.2	29.5	29.2	27.4	26.5	25.4	24.4	24.0
Monday, 10 October, 2022	**283**	23.4	22.9	22.5	22.1	21.7	21.5	21.5	22.1	22.7	23.3	25.0	25.6	25.9	25.9	26.0	26.6	26.1	25.9	25.7	24.8	23.3	24.1	23.6	23.2
Tuesday, 11 October, 2022	**284**	22.2	21.9	21.5	21.2	20.7	20.4	20.2	21.2	22.6	23.8	25.4	26.0	26.4	26.7	26.7	27.9	25.6	23.6	23.1	22.6	22.5	22.0	21.9	21.6
Wednesday, 12 October, 2022	**285**	20.9	21.0	21.1	20.8	20.7	20.7	20.7	21.7	23.1	24.7	26.1	27.0	27.3	28.0	28.5	28.4	26.5	24.7	24.0	23.6	23.1	22.7	22.6	22.6
Thursday, 13 October, 2022	**286**	22.4	22.5	21.7	22.3	22.2	22.2	22.5	23.4	24.7	26.3	26.3	27.8	29.2	30.1	30.4	29.4	28.0	26.6	26.1	25.7	25.4	24.5	25.2	25.2
Friday, 14 October, 2022	**287**	25.2	24.8	24.2	23.6	23.2	23.0	23.6	24.8	25.9	27.8	29.1	29.0	29.6	30.1	30.6	30.7	28.8	27.2	25.8	25.7	25.5	24.8	24.7	24.3
Saturday, 15 October, 2022	**288**	23.8	23.6	23.5	23.2	23.3	23.2	22.9	24.3	25.7	27.4	28.8	29.4	30.1	30.6	30.8	30.5	29.2	28.6	28.3	27.2	27.4	27.3	27.4	27.4
Sunday, 16 October, 2022	**289**	27.0	26.7	26.2	25.9	25.4	25.4	25.3	25.3	26.2	27.1	29.1	29.0	29.4	30.2	30.2	30.2	29.8	29.1	28.7	29.2	29.6	29.2	28.7	28.3
Monday, 17 October, 2022	**290**	27.9	27.5	27.2	26.9	26.7	26.7	26.6	26.5	26.0	26.7	26.9	27.2	27.8	27.8	27.8	27.7	27.2	26.5	26.4	26.1	26.6	27.2	27.1	26.8
Tuesday, 18 October, 2022	**291**	26.5	26.0	25.4	24.9	24.2	22.6	23.0	20.8	22.2	22.1	21.6	20.1	18.6	17.9	17.6	17.5	17.2	16.9	16.9	17.1	16.4	15.8	15.8	16.2
Wednesday, 19 October, 2022	**292**	16.7	17.4	18.5	18.8	19.2	19.5	20.0	20.8	22.0	23.7	24.7	24.5	24.8	24.7	24.8	24.7	23.8	23.7	22.7	22.6	22.8	22.4	22.4	22.0
Thursday, 20 October, 2022	**293**	22.0	22.5	22.5	22.3	22.4	22.4	22.3	23.1	24.1	24.6	25.5	26.9	27.5	27.6	27.1	26.1	25.6	25.2	24.5	23.9	23.5	23.8	23.5	23.8
Friday, 21 October, 2022	**294**	23.6	23.3	23.0	22.9	22.8	21.9	21.5	23.0	24.9	26.7	28.0	28.8	29.1	29.1	28.6	28.9	26.7	25.5	24.7	24.5	24.0	23.6	23.2	23.3
Saturday, 22 October, 2022	**295**	22.5	22.4	22.6	22.4	22.1	21.5	21.0	23.3	25.0	27.6	28.8	29.6	30.1	30.9	30.2	29.1	28.2	27.3	27.1	26.8	26.4	26.4	26.5	26.0
Sunday, 23 October, 2022	**296**	25.6	25.5	25.3	25.4	25.3	25.2	25.1	25.4	26.7	27.3	28.2	28.4	27.5	28.4	28.5	28.0	26.8	25.5	25.0	25.0	24.7	24.4	24.2	24.4
Monday, 24 October, 2022	**297**	24.1	23.8	24.1	23.6	23.3	22.9	23.0	23.7	25.2	26.1	27.9	28.0	27.5	27.6	26.3	25.7	25.0	24.8	24.3	23.9	24.0	23.9	23.6	23.6
Tuesday, 25 October, 2022	**298**	23.1	22.4	22.5	22.0	22.2	21.7	22.2	22.9	24.0	25.4	26.5	27.3	26.7	26.8	26.8	26.4	25.1	24.1	23.3	23.4	22.6	22.8	23.2	22.7
Wednesday, 26 October, 2022	**299**	22.8	22.6	22.4	22.0	22.0	21.7	21.0	22.4	23.7	25.2	27.2	26.3	26.4	27.0	27.3	26.3	24.8	23.8	23.5	23.1	23.0	22.4	22.5	22.4
Thursday, 27 October, 2022	**300**	22.4	22.3	22.2	22.1	21.3	20.8	21.0	22.9	24.5	26.0	27.9	28.4	27.9	28.4	27.5	27.6	26.0	24.8	24.2	23.6	23.9	23.8	23.5	23.4
Friday, 28 October, 2022	**301**	23.5	23.4	22.9	23.3	22.4	21.9	22.0	23.5	25.0	26.2	28.0	28.3	28.8	29.8	30.3	29.1	26.9	25.5	24.8	24.5	24.0	23.9	23.5	23.4
Saturday, 29 October, 2022	**302**	23.2	23.4	23.2	23.9	23.8	23.5	23.4	24.0	25.1	26.4	27.7	28.6	29.0	29.4	29.5	29.3	28.0	27.2	27.0	26.6	25.5	25.1	24.8	24.2
Sunday, 30 October, 2022	**303**	24.0	23.7	23.4	23.1	23.0	22.7	22.6	22.8	24.0	24.8	25.9	26.9	27.1	27.5	27.6	28.1	27.4	26.4	26.8	26.4	25.5	25.4	25.2	24.8
Monday, 31 October, 2022	**304**	24.2	23.7	23.6	23.1	23.0	22.8	22.6	23.2	23.7	25.1	26.3	25.5	26.3	26.6	26.8	26.8	26.8	26.5	26.3	26.2	26.2	26.2	25.9	25.5

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Temperature (°C)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Tuesday, 1 November, 2022	**305**	25.1	24.6	24.4	23.8	23.6	23.2	23.0	23.2	23.4	23.6	23.2	23.5	23.4	23.3	20.9	20.6	20.4	18.7	18.6	18.9	19.6	20.1	20.3	20.3
Wednesday, 2 November, 2022	**306**	20.1	20.2	19.2	19.8	19.7	19.1	18.2	18.4	18.7	18.9	19.1	19.0	19.2	19.5	19.8	19.2	19.2	19.4	19.2	19.0	19.0	19.0	19.0	19.0
Thursday, 3 November, 2022	**307**	19.5	20.9	21.2	21.1	20.9	20.8	20.8	20.9	21.1	21.6	21.9	22.6	22.9	23.5	23.5	23.4	23.3	22.6	22.1	22.2	22.4	22.7	22.4	22.2
Friday, 4 November, 2022	**308**	22.1	21.9	21.8	21.8	21.8	21.8	21.7	22.1	22.6	23.7	23.9	24.3	24.6	24.3	24.1	23.8	23.1	22.9	22.9	22.6	22.5	22.4	22.2	21.9
Saturday, 5 November, 2022	**309**	21.6	21.4	20.9	20.3	19.7	19.3	19.1	19.4	19.7	19.9	20.6	21.0	21.3	21.6	21.9	21.7	21.7	21.3	21.4	21.3	21.3	21.1	21.0	20.8
Sunday, 6 November, 2022	**310**	20.4	19.6	19.1	19.1	19.2	18.6	18.5	18.7	19.2	19.4	20.0	21.3	21.2	20.5	20.4	20.2	20.3	20.1	19.7	19.2	19.2	19.2	19.2	19.0
Monday, 7 November, 2022	**311**	18.8	18.9	18.9	18.8	18.9	19.0	19.1	19.3	19.7	20.1	20.2	20.4	21.1	21.4	21.7	21.7	21.5	21.2	20.9	20.9	20.8	20.9	20.5	20.2
Tuesday, 8 November, 2022	**312**	20.2	20.1	19.9	19.8	19.7	19.6	19.6	19.7	20.1	20.8	21.3	22.2	22.6	23.0	23.0	23.0	22.8	22.4	22.3	21.7	21.8	21.9	21.8	21.7
Wednesday, 9 November, 2022	**313**	21.6	21.6	21.4	21.1	21.3	21.2	21.0	21.8	23.0	24.3	24.8	25.0	25.9	25.4	25.8	25.6	25.2	23.5	23.1	22.8	22.2	22.2	22.4	22.6
Thursday, 10 November, 2022	**314**	22.7	22.8	23.0	22.6	22.3	22.3	22.1	22.7	24.3	24.7	25.1	25.4	26.4	26.2	27.4	27.0	25.8	24.3	23.4	22.9	22.9	23.1	22.7	23.2
Friday, 11 November, 2022	**315**	23.6	23.7	23.5	23.7	23.6	23.2	23.2	23.3	24.3	25.3	26.8	26.9	26.9	27.9	29.1	28.2	26.3	24.4	23.3	23.0	22.7	22.6	22.9	22.8
Saturday, 12 November, 2022	**316**	22.2	22.6	23.0	22.9	22.5	22.5	22.8	23.2	23.7	24.2	24.2	24.6	25.6	25.9	26.0	25.3	25.1	24.4	23.5	23.1	22.8	22.6	22.1	21.8
Sunday, 13 November, 2022	**317**	21.5	21.4	21.3	21.5	21.7	21.7	21.5	23.0	24.6	26.3	28.5	29.6	28.9	29.3	29.5	27.5	26.1	25.1	24.7	24.0	23.5	23.7	23.4	22.9
Monday, 14 November, 2022	**318**	23.3	23.2	23.2	22.6	22.7	23.0	23.0	23.6	24.0	24.6	25.0	25.0	25.5	25.3	26.2	25.2	24.8	24.3	23.8	23.8	23.8	23.6	23.6	23.6
Tuesday, 15 November, 2022	**319**	23.5	23.4	23.3	23.3	22.9	22.7	22.5	23.0	24.6	25.9	26.5	27.3	26.4	25.2	25.6	25.5	24.8	24.5	24.0	23.6	23.7	23.5	23.0	23.2
Wednesday, 16 November, 2022	**320**	22.7	22.4	22.3	22.9	23.1	23.3	22.9	23.8	24.8	26.1	26.9	25.9	25.8	26.1	26.5	25.2	24.6	24.5	24.2	24.1	24.1	24.1	24.0	23.8
Thursday, 17 November, 2022	**321**	23.8	23.3	23.1	22.8	22.2	22.3	22.3	23.4	24.5	25.8	25.0	25.5	25.2	26.6	27.3	26.8	26.0	24.5	23.8	23.6	23.4	23.6	22.9	22.7
Friday, 18 November, 2022	**322**	22.8	22.6	22.1	21.8	22.1	22.2	21.9	22.7	24.7	26.3	27.7	27.4	27.5	28.0	28.2	27.5	25.0	24.5	24.8	24.8	24.7	24.4	23.6	23.1
Saturday, 19 November, 2022	**323**	22.8	22.7	22.6	22.5	22.3	22.4	22.4	23.6	25.3	26.8	29.5	28.3	28.5	28.6	29.1	28.0	27.0	25.6	24.5	24.3	23.9	23.8	23.5	23.7
Sunday, 20 November, 2022	**324**	23.3	22.7	22.6	22.5	22.2	22.4	22.4	23.2	23.4	25.3	27.4	28.8	28.4	28.2	27.5	27.5	25.5	24.8	24.6	24.4	24.4	23.8	23.7	23.3
Monday, 21 November, 2022	**325**	22.9	22.6	23.1	22.7	22.6	22.9	22.5	23.2	23.7	24.3	25.0	25.2	25.1	26.2	26.1	25.8	25.0	23.8	24.0	24.0	23.7	23.8	23.7	23.8
Tuesday, 22 November, 2022	**326**	23.9	24.1	24.0	24.1	23.8	22.9	22.9	23.1	23.7	24.6	24.9	25.3	25.5	25.8	25.4	25.2	24.9	24.7	24.6	24.4	24.4	24.4	24.4	24.3
Wednesday, 23 November, 2022	**327**	24.1	23.7	23.7	23.6	23.8	23.9	23.8	24.0	24.2	24.3	24.5	24.4	24.6	24.4	24.0	23.9	23.7	23.4	23.5	23.7	23.7	23.5	23.6	23.6
Thursday, 24 November, 2022	**328**	23.6	23.6	23.5	23.3	23.3	22.9	22.9	22.6	22.8	22.9	22.9	22.1	22.3	22.4	22.6	22.9	22.7	22.3	22.2	22.0	21.7	21.7	21.7	21.7
Friday, 25 November, 2022	**329**	21.5	21.6	21.7	21.8	21.8	21.7	22.0	22.3	23.0	23.4	24.2	24.8	24.5	24.7	24.3	24.3	24.0	23.7	23.0	22.1	21.7	21.3	21.3	21.4
Saturday, 26 November, 2022	**330**	21.5	21.5	21.6	21.7	21.8	21.7	21.7	21.6	22.1	22.1	22.2	22.5	22.4	22.9	23.4	23.0	23.2	23.1	23.1	22.9	22.6	22.9	22.7	23.1
Sunday, 27 November, 2022	**331**	23.0	23.1	23.0	22.9	22.3	22.6	22.8	23.0	23.1	23.5	25.0	24.5	24.3	24.5	24.2	24.2	23.9	23.4	23.4	23.6	23.7	23.9	24.0	24.1
Monday, 28 November, 2022	**332**	24.0	23.9	23.8	23.8	24.2	24.5	24.3	24.5	24.9	25.8	26.5	27.3	27.9	28.7	28.4	28.0	26.6	26.2	25.8	25.5	25.5	25.3	25.0	24.9
Tuesday, 29 November, 2022	**333**	24.9	24.5	24.5	24.5	24.4	24.2	23.6	24.3	26.1	27.1	27.7	29.0	28.8	29.1	29.9	29.0	26.8	25.7	25.1	24.4	24.4	24.1	24.0	24.0
Wednesday, 30 November, 2022	**334**	23.7	23.2	22.9	22.7	22.6	22.3	22.5	23.3	25.4	25.1	25.5	24.1	23.1	22.2	21.4	20.7	19.4	19.2	19.2	19.1	18.7	18.4	17.9	17.3
Thursday, 1 December, 2022	**335**	16.9	16.6	15.9	15.4	15.2	14.8	14.6	14.4	14.5	14.8	15.6	15.8	15.8	16.2	15.6	15.2	14.7	14.2	13.9	13.6	13.4	13.4	13.4	13.3
Friday, 2 December, 2022	**336**	12.6	12.4	12.2	12.0	11.7	11.6	11.5	11.6	12.0	12.9	14.1	16.3	17.2	16.7	17.9	17.9	16.9	16.1	15.9	16.0	16.0	16.1	16.0	15.9
Saturday, 3 December, 2022	**337**	15.6	15.4	15.4	15.2	15.1	15.0	15.0	15.1	15.8	16.6	18.2	18.9	19.5	19.9	19.8	19.5	19.4	19.1	19.1	19.1	19.0	19.0	18.9	18.9
Sunday, 4 December, 2022	**338**	18.8	18.7	18.7	18.5	18.2	18.0	18.0	18.3	18.8	19.8	20.8	21.3	22.1	22.2	23.4	21.9	21.2	20.4	19.7	19.3	19.2	18.9	18.7	18.6
Monday, 5 December, 2022	**339**	18.3	17.9	17.3	17.0	16.7	16.1	15.7	15.6	15.6	15.7	16.1	16.8	17.3	17.4	16.9	17.0	16.0	15.6	15.6	15.3	15.2	14.8	14.7	14.5
Tuesday, 6 December, 2022	**340**	14.2	14.0	13.8	13.7	13.7	13.6	13.6	13.7	13.9	14.6	15.5	16.4	17.2	17.7	18.5	18.3	17.5	16.1	15.5	15.3	15.0	15.1	15.0	14.8
Wednesday, 7 December, 2022	**341**	15.1	15.0	14.9	14.6	14.4	14.2	13.9	14.2	n/a	16.5	18.4	19.9	20.9	21.2	21.7	21.8	20.4	18.9	18.0	18.0	17.4	17.1	17.0	16.7
Thursday, 8 December, 2022	**342**	16.5	16.1	15.7	15.6	15.5	15.4	15.3	15.7	16.9	18.5	20.3	22.2	22.2	22.8	23.3	22.2	21.2	20.2	19.3	18.1	18.0	17.8	17.3	17.0
Friday, 9 December, 2022	**343**	18.0	17.5	17.4	16.5	16.0	16.2	16.1	16.7	17.5	18.8	20.2	21.1	22.1	21.9	23.4	22.0	20.8	19.7	19.1	18.9	18.4	17.9	17.4	17.0
Saturday, 10 December, 2022	**344**	16.4	16.0	15.6	15.2	14.9	14.7	14.5	15.2	16.7	18.1	19.1	20.4	20.7	21.8	22.1	21.6	20.4	19.5	18.8	18.4	18.2	17.5	17.0	16.3
Sunday, 11 December, 2022	**345**	15.9	15.2	14.7	14.4	14.1	13.9	14.1	14.4	14.9	16.7	17.4	17.7	17.3	17.4	17.2	17.0	16.6	16.4	16.3	16.4	16.2	16.0	15.8	15.5
Monday, 12 December, 2022	**346**	15.4	15.2	15.1	14.9	14.7	14.6	14.5	14.4	14.7	15.2	15.8	16.6	17.3	17.4	17.6	16.9	16.6	16.3	15.8	15.4	15.2	15.3	15.1	15.0
Tuesday, 13 December, 2022	**347**	14.9	14.6	14.4	14.1	13.7	13.5	13.3	13.2	13.5	14.0	14.2	14.5	14.9	15.0	14.8	13.3	12.4	12.1	11.7	11.6	11.5	11.5	11.3	11.2
Wednesday, 14 December, 2022	**348**	11.3	11.2	11.1	10.8	10.6	10.6	10.4	10.6	10.6	10.8	11.0	11.1	11.1	11.2	11.4	11.5	11.7	11.6	11.6	11.7	11.9	12.0	11.9	11.6
Thursday, 15 December, 2022	**349**	11.2	11.1	11.0	11.1	10.9	10.9	10.8	11.0	11.3	11.9	12.3	13.4	13.6	13.7	13.9	14.1	14.1	14.0	14.0	14.0	14.1	14.1	14.1	14.0
Friday, 16 December, 2022	**350**	14.0	14.2	14.3	14.3	14.2	14.3	14.7	14.9	15.1	15.2	15.3	15.6	15.8	16.2	16.6	16.7	16.5	16.1	16.0	15.6	15.4	14.9	14.3	14.0
Saturday, 17 December, 2022	**351**	13.6	13.3	12.8	12.2	11.7	11.0	11.3	11.1	11.2	11.8	12.4	12.8	12.8	13.0	13.1	13.3	13.2	13.1	13.0	12.9	12.7	12.5	12.4	11.9
Sunday, 18 December, 2022	**352**	11.6	11.3	10.9	10.5	9.9	10.0	9.7	9.7	10.3	11.1	11.9	13.0	14.2	13.6	14.1	13.8	13.1	10.9	10.8	10.0	10.4	11.5	11.5	10.7
Monday, 19 December, 2022	**353**	9.9	9.7	9.4	9.2	8.8	8.7	8.9	9.4	10.7	12.3	14.1	15.7	16.2	16.9	17.8	17.1	16.0	13.7	13.6	12.8	12.3	12.5	12.3	12.8
Tuesday, 20 December, 2022	**354**	12.6	12.0	12.6	12.7	12.2	12.2	11.9	12.4	15.2	16.6	18.3	19.2	20.8	20.9	20.7	20.3	19.7	18.0	17.0	16.3	16.3	16.0	16.0	15.9
Wednesday, 21 December, 2022	**355**	16.6	15.7	14.7	15.7	15.5	14.4	14.0	14.7	16.0	17.0	18.7	19.0	19.8	19.6	19.9	19.6	18.9	18.1	17.3	17.0	16.0	14.0	13.5	14.7
Thursday, 22 December, 2022	**356**	14.3	14.6	14.2	14.3	14.2	13.3	12.5	13.5	15.0	16.4	18.1	19.7	20.9	21.3	21.9	20.8	19.5	17.6	17.1	16.1	14.9	14.2	14.3	16.1
Friday, 23 December, 2022	**357**	15.9	15.6	15.1	14.6	14.4	14.3	14.1	14.3	15.8	17.0	18.7	20.8	20.5	21.3	20.9	20.8	18.4	16.2	15.2	14.5	13.9	14.8	14.4	13.7
Saturday, 24 December, 2022	**358**	13.2	12.8	13.7	13.6	13.4	13.3	13.1	13.8	15.1	16.7	18.3	19.6	20.5	20.6	21.7	20.9	19.0	16.4	15.1	14.8	14.7	14.2	13.7	13.2
Sunday, 25 December, 2022	**359**	13.0	12.6	14.0	12.9	13.5	12.9	11.8	12.1	14.8	16.6	17.7	19.8	19.6	18.9	19.9	19.4	17.6	16.1	15.2	14.6	14.4	14.5	14.4	14.3
Monday, 26 December, 2022	**360**	13.6	13.0	12.8	13.0	12.9	12.4	12.0	12.2	14.7	16.6	18.4	19.4	20.0	20.2	20.1	20.1	18.4	16.3	15.2	14.8	14.5	14.3	13.8	13.3
Tuesday, 27 December, 2022	**361**	13.1	12.9	12.7	12.9	13.1	12.9	12.7	13.0	15.3	17.0	18.8	20.3	21.1	20.1	19.9	18.9	18.2	17.2	16.6	16.2	15.7	15.8	15.3	14.9
Wednesday, 28 December, 2022	**362**	14.6	14.4	14.0	14.2	14.2	13.9	13.5	14.6	15.7	17.0	18.4	19.7	20.7	20.6	21.3	21.3	20.1	18.2	17.3	17.1	16.9	16.2	16.9	16.9
Thursday, 29 December, 2022	**363**	16.6	16.4	15.2	14.3	14.0	13.8	13.7	13.4	13.1	14.1	14.6	15.8	17.1	17.9	18.4	18.2	17.3	16.2	16.2	16.0	15.7	15.3	14.1	14.6
Friday, 30 December, 2022	**364**	14.2	13.4	12.8	12.3	11.7	11.4	11.0	11.2	12.2	13.2	14.5	16.0	16.3	16.8	17.6	17.1	16.2	14.8	14.4	14.3	13.3	13.8	13.0	13.0
Saturday, 31 December, 2022	**365**	12.4	11.8	11.3	10.7	10.5	10.2	10.1	10.5	12.0	13.4	14.9	17.0	17.8	18.9	19.3	18.8	17.7	16.6	16.3	15.9	15.6	15.0	14.6	14.7

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Saturday, 1 January, 2022	**1**	81.0	81.0	85.0	83.0	85.0	85.0	87.0	89.0	78.0	74.0	71.0	70.0	69.0	69.0	67.0	72.0	72.0	79.0	84.0	87.0	87.0	88.0	89.0	89.0
Sunday, 2 January, 2022	**2**	90.0	93.0	94.0	94.0	94.0	94.0	95.0	85.0	72.0	62.0	57.0	53.0	50.0	54.0	53.0	55.0	60.0	71.0	76.0	79.0	82.0	81.0	79.0	84.0
Monday, 3 January, 2022	**3**	85.0	87.0	89.0	92.0	92.0	92.0	94.0	91.0	80.0	74.0	70.0	62.0	65.0	64.0	58.0	62.0	65.0	74.0	79.0	80.0	85.0	88.0	88.0	91.0
Tuesday, 4 January, 2022	**4**	92.0	91.0	89.0	88.0	89.0	91.0	91.0	90.0	77.0	59.0	54.0	43.0	54.0	56.0	52.0	60.0	62.0	72.0	73.0	76.0	73.0	75.0	76.0	77.0
Wednesday, 5 January, 2022	**5**	80.0	80.0	79.0	91.0	94.0	93.0	90.0	92.0	79.0	67.0	61.0	54.0	63.0	61.0	58.0	59.0	64.0	71.0	78.0	81.0	80.0	82.0	84.0	86.0
Thursday, 6 January, 2022	**6**	89.0	90.0	89.0	92.0	92.0	90.0	87.0	86.0	77.0	72.0	64.0	58.0	57.0	61.0	63.0	63.0	68.0	74.0	79.0	80.0	81.0	84.0	86.0	79.0
Friday, 7 January, 2022	**7**	80.0	79.0	81.0	84.0	87.0	87.0	89.0	87.0	78.0	72.0	71.0	71.0	69.0	66.0	64.0	63.0	65.0	72.0	80.0	84.0	85.0	86.0	87.0	83.0
Saturday, 8 January, 2022	**8**	77.0	74.0	75.0	76.0	76.0	80.0	78.0	77.0	69.0	66.0	60.0	58.0	62.0	63.0	64.0	67.0	69.0	69.0	76.0	77.0	80.0	79.0	81.0	85.0
Sunday, 9 January, 2022	**9**	84.0	84.0	82.0	86.0	89.0	90.0	88.0	88.0	83.0	74.0	69.0	70.0	69.0	66.0	65.0	64.0	65.0	71.0	78.0	71.0	72.0	71.0	69.0	70.0
Monday, 10 January, 2022	**10**	71.0	75.0	76.0	77.0	75.0	77.0	77.0	77.0	74.0	70.0	70.0	63.0	60.0	63.0	67.0	69.0	71.0	74.0	77.0	79.0	81.0	81.0	75.0	81.0
Tuesday, 11 January, 2022	**11**	79.0	95.0	95.0	96.0	93.0	90.0	84.0	80.0	78.0	77.0	69.0	59.0	58.0	56.0	52.0	53.0	56.0	64.0	65.0	61.0	64.0	64.0	60.0	60.0
Wednesday, 12 January, 2022	**12**	62.0	60.0	62.0	62.0	63.0	65.0	63.0	65.0	62.0	63.0	64.0	63.0	66.0	64.0	64.0	68.0	72.0	74.0	77.0	78.0	79.0	76.0	77.0	79.0
Thursday, 13 January, 2022	**13**	79.0	76.0	70.0	68.0	69.0	71.0	75.0	75.0	69.0	60.0	55.0	53.0	49.0	49.0	49.0	48.0	52.0	53.0	55.0	54.0	55.0	56.0	51.0	52.0
Friday, 14 January, 2022	**14**	53.0	55.0	56.0	53.0	57.0	63.0	69.0	70.0	69.0	68.0	72.0	73.0	73.0	72.0	72.0	73.0	74.0	76.0	78.0	80.0	80.0	81.0	81.0	83.0
Saturday, 15 January, 2022	**15**	84.0	82.0	84.0	88.0	87.0	86.0	87.0	86.0	79.0	76.0	73.0	70.0	68.0	70.0	70.0	73.0	77.0	83.0	83.0	84.0	85.0	87.0	84.0	84.0
Sunday, 16 January, 2022	**16**	85.0	89.0	89.0	89.0	89.0	85.0	88.0	90.0	86.0	82.0	78.0	71.0	68.0	67.0	60.0	62.0	67.0	74.0	80.0	79.0	81.0	78.0	78.0	79.0
Monday, 17 January, 2022	**17**	78.0	79.0	81.0	82.0	83.0	85.0	87.0	87.0	80.0	77.0	79.0	81.0	81.0	79.0	81.0	83.0	84.0	84.0	89.0	90.0	82.0	79.0	80.0	83.0
Tuesday, 18 January, 2022	**18**	81.0	84.0	78.0	82.0	88.0	85.0	87.0	85.0	80.0	78.0	75.0	75.0	74.0	71.0	71.0	70.0	72.0	73.0	73.0	72.0	72.0	72.0	72.0	72.0
Wednesday, 19 January, 2022	**19**	74.0	82.0	81.0	79.0	79.0	81.0	83.0	76.0	69.0	63.0	58.0	53.0	52.0	53.0	54.0	56.0	60.0	61.0	66.0	59.0	64.0	65.0	67.0	64.0
Thursday, 20 January, 2022	**20**	65.0	65.0	68.0	69.0	70.0	72.0	71.0	68.0	64.0	62.0	57.0	50.0	48.0	50.0	48.0	53.0	57.0	61.0	68.0	73.0	79.0	80.0	76.0	75.0
Friday, 21 January, 2022	**21**	78.0	78.0	83.0	85.0	88.0	90.0	90.0	91.0	77.0	72.0	70.0	65.0	69.0	68.0	70.0	72.0	78.0	80.0	82.0	80.0	81.0	85.0	84.0	84.0
Saturday, 22 January, 2022	**22**	85.0	85.0	85.0	87.0	88.0	90.0	90.0	92.0	95.0	97.0	97.0	94.0	93.0	96.0	92.0	91.0	88.0	90.0	92.0	85.0	82.0	82.0	84.0	84.0
Sunday, 23 January, 2022	**23**	83.0	83.0	83.0	85.0	86.0	86.0	88.0	92.0	93.0	85.0	78.0	70.0	74.0	74.0	75.0	77.0	87.0	89.0	91.0	93.0	93.0	94.0	95.0	94.0
Monday, 24 January, 2022	**24**	96.0	96.0	94.0	98.0	98.0	99.0	100.0	99.0	99.0	96.0	84.0	85.0	81.0	79.0	82.0	82.0	84.0	85.0	86.0	85.0	84.0	81.0	83.0	80.0
Tuesday, 25 January, 2022	**25**	79.0	85.0	78.0	83.0	84.0	89.0	89.0	88.0	77.0	78.0	82.0	85.0	88.0	89.0	83.0	83.0	80.0	83.0	85.0	80.0	81.0	83.0	82.0	83.0
Wednesday, 26 January, 2022	**26**	82.0	83.0	85.0	84.0	83.0	93.0	96.0	94.0	87.0	83.0	80.0	78.0	76.0	72.0	72.0	72.0	72.0	78.0	79.0	83.0	84.0	94.0	95.0	95.0
Thursday, 27 January, 2022	**27**	97.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	89.0	85.0	86.0	83.0	77.0	74.0	76.0	77.0	82.0	86.0	87.0	88.0	91.0	91.0	89.0	89.0
Friday, 28 January, 2022	**28**	92.0	94.0	94.0	94.0	96.0	97.0	94.0	93.0	93.0	93.0	89.0	88.0	85.0	85.0	83.0	85.0	85.0	84.0	84.0	86.0	86.0	87.0	85.0	87.0
Saturday, 29 January, 2022	**29**	87.0	88.0	89.0	90.0	91.0	91.0	92.0	86.0	84.0	79.0	75.0	76.0	73.0	71.0	74.0	75.0	74.0	74.0	74.0	74.0	76.0	76.0	74.0	73.0
Sunday, 30 January, 2022	**30**	71.0	69.0	70.0	71.0	73.0	75.0	77.0	75.0	73.0	68.0	57.0	49.0	45.0	50.0	50.0	48.0	53.0	50.0	55.0	59.0	57.0	57.0	59.0	60.0
Monday, 31 January, 2022	**31**	61.0	62.0	64.0	64.0	65.0	66.0	66.0	66.0	65.0	64.0	64.0	65.0	64.0	62.0	64.0	70.0	66.0	65.0	66.0	66.0	68.0	69.0	74.0	70.0
Tuesday, 1 February, 2022	**32**	72.0	75.0	84.0	84.0	85.0	94.0	94.0	95.0	93.0	91.0	94.0	96.0	96.0	91.0	92.0	91.0	89.0	90.0	89.0	87.0	87.0	87.0	86.0	87.0
Wednesday, 2 February, 2022	**33**	87.0	88.0	87.0	90.0	91.0	97.0	97.0	98.0	98.0	97.0	96.0	93.0	88.0	86.0	84.0	83.0	86.0	89.0	92.0	97.0	97.0	97.0	96.0	98.0
Thursday, 3 February, 2022	**34**	98.0	98.0	99.0	98.0	98.0	98.0	98.0	97.0	93.0	90.0	87.0	84.0	85.0	86.0	84.0	82.0	86.0	86.0	92.0	92.0	92.0	91.0	86.0	82.0
Friday, 4 February, 2022	**35**	82.0	85.0	87.0	95.0	90.0	84.0	82.0	79.0	76.0	72.0	69.0	62.0	58.0	58.0	57.0	56.0	58.0	65.0	65.0	65.0	64.0	59.0	60.0	63.0
Saturday, 5 February, 2022	**36**	65.0	66.0	65.0	66.0	66.0	67.0	66.0	67.0	66.0	64.0	63.0	57.0	56.0	53.0	54.0	56.0	57.0	58.0	62.0	64.0	64.0	64.0	65.0	66.0
Sunday, 6 February, 2022	**37**	70.0	71.0	72.0	72.0	72.0	74.0	76.0	74.0	71.0	69.0	62.0	60.0	61.0	64.0	59.0	62.0	61.0	66.0	73.0	71.0	76.0	75.0	77.0	75.0
Monday, 7 February, 2022	**38**	76.0	77.0	76.0	76.0	76.0	78.0	81.0	84.0	84.0	85.0	87.0	88.0	90.0	96.0	95.0	93.0	90.0	89.0	89.0	90.0	90.0	85.0	81.0	81.0
Tuesday, 8 February, 2022	**39**	80.0	80.0	78.0	85.0	83.0	83.0	83.0	82.0	82.0	79.0	77.0	74.0	73.0	72.0	68.0	67.0	68.0	71.0	77.0	70.0	72.0	73.0	71.0	75.0
Wednesday, 9 February, 2022	**40**	78.0	75.0	75.0	75.0	74.0	74.0	76.0	77.0	77.0	76.0	73.0	72.0	72.0	70.0	69.0	71.0	70.0	75.0	75.0	76.0	76.0	77.0	78.0	76.0
Thursday, 10 February, 2022	**41**	76.0	77.0	77.0	76.0	75.0	76.0	76.0	78.0	76.0	74.0	74.0	75.0	73.0	73.0	76.0	77.0	81.0	82.0	84.0	84.0	85.0	84.0	81.0	84.0
Friday, 11 February, 2022	**42**	85.0	87.0	88.0	88.0	87.0	88.0	91.0	89.0	80.0	74.0	65.0	62.0	64.0	69.0	68.0	69.0	74.0	78.0	82.0	85.0	86.0	89.0	91.0	93.0
Saturday, 12 February, 2022	**43**	93.0	94.0	93.0	92.0	91.0	92.0	93.0	91.0	84.0	81.0	77.0	68.0	69.0	72.0	70.0	73.0	76.0	79.0	82.0	85.0	72.0	74.0	75.0	74.0
Sunday, 13 February, 2022	**44**	78.0	85.0	87.0	95.0	93.0	91.0	91.0	91.0	97.0	93.0	94.0	94.0	94.0	92.0	84.0	82.0	79.0	80.0	77.0	80.0	87.0	85.0	90.0	94.0
Monday, 14 February, 2022	**45**	94.0	94.0	88.0	85.0	89.0	83.0	82.0	81.0	71.0	65.0	55.0	54.0	51.0	57.0	55.0	58.0	58.0	67.0	71.0	75.0	81.0	81.0	85.0	85.0
Tuesday, 15 February, 2022	**46**	85.0	83.0	78.0	83.0	84.0	85.0	89.0	84.0	80.0	77.0	71.0	73.0	68.0	65.0	65.0	63.0	68.0	73.0	80.0	86.0	87.0	88.0	81.0	80.0
Wednesday, 16 February, 2022	**47**	82.0	84.0	86.0	79.0	76.0	77.0	78.0	75.0	70.0	70.0	73.0	73.0	66.0	69.0	65.0	69.0	70.0	73.0	72.0	70.0	72.0	75.0	76.0	76.0
Thursday, 17 February, 2022	**48**	77.0	74.0	76.0	83.0	87.0	93.0	93.0	94.0	94.0	90.0	88.0	85.0	87.0	88.0	87.0	89.0	88.0	85.0	86.0	85.0	85.0	85.0	84.0	82.0
Friday, 18 February, 2022	**49**	83.0	82.0	82.0	83.0	82.0	81.0	82.0	81.0	80.0	77.0	76.0	74.0	71.0	74.0	77.0	76.0	79.0	78.0	78.0	80.0	81.0	82.0	89.0	95.0
Saturday, 19 February, 2022	**50**	96.0	97.0	97.0	98.0	97.0	95.0	96.0	94.0	95.0	96.0	97.0	97.0	97.0	97.0	98.0	97.0	98.0	98.0	98.0	98.0	98.0	97.0	98.0	98.0
Sunday, 20 February, 2022	**51**	98.0	98.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	97.0	97.0	97.0	98.0	98.0	98.0	97.0	97.0	98.0	98.0	98.0	98.0	98.0	97.0
Monday, 21 February, 2022	**52**	98.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0	98.0	98.0	99.0	99.0	98.0	98.0	98.0	98.0	98.0	98.0	99.0	98.0	98.0	98.0	98.0	99.0
Tuesday, 22 February, 2022	**53**	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
Wednesday, 23 February, 2022	**54**	99.0	98.0	96.0	98.0	97.0	95.0	92.0	91.0	91.0	84.0	80.0	74.0	69.0	67.0	65.0	63.0	63.0	68.0	68.0	70.0	70.0	69.0	66.0	69.0
Thursday, 24 February, 2022	**55**	71.0	73.0	72.0	72.0	73.0	74.0	75.0	73.0	72.0	70.0	66.0	63.0	58.0	56.0	58.0	57.0	59.0	63.0	73.0	77.0	79.0	82.0	85.0	83.0
Friday, 25 February, 2022	**56**	81.0	81.0	75.0	73.0	73.0	72.0	74.0	74.0	72.0	66.0	58.0	55.0	54.0	54.0	54.0	56.0	60.0	63.0	72.0	73.0	77.0	78.0	81.0	83.0
Saturday, 26 February, 2022	**57**	81.0	84.0	88.0	90.0	91.0	93.0	94.0	88.0	76.0	62.0	55.0	54.0	56.0	58.0	56.0	57.0	62.0	70.0	75.0	78.0	79.0	82.0	84.0	86.0
Sunday, 27 February, 2022	**58**	86.0	87.0	88.0	91.0	92.0	93.0	94.0	93.0	81.0	66.0	61.0	64.0	63.0	58.0	54.0	57.0	65.0	68.0	74.0	77.0	79.0	84.0	85.0	84.0
Monday, 28 February, 2022	**59**	86.0	80.0	81.0	83.0	83.0	89.0	91.0	90.0	74.0	68.0	62.0	58.0	61.0	57.0	56.0	56.0	59.0	63.0	66.0	70.0	71.0	70.0	74.0	74.0

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Tuesday, 1 March, 2022	**60**	79.0	80.0	80.0	79.0	84.0	81.0	79.0	79.0	72.0	68.0	63.0	63.0	60.0	63.0	63.0	58.0	59.0	69.0	77.0	80.0	82.0	82.0	85.0	86.0
Wednesday, 2 March, 2022	**61**	88.0	89.0	92.0	93.0	94.0	94.0	95.0	96.0	88.0	77.0	70.0	64.0	62.0	61.0	64.0	72.0	85.0	85.0	88.0	87.0	86.0	86.0	83.0	83.0
Thursday, 3 March, 2022	**62**	84.0	83.0	82.0	78.0	80.0	76.0	78.0	75.0	75.0	71.0	68.0	67.0	64.0	64.0	64.0	61.0	63.0	65.0	68.0	76.0	78.0	84.0	86.0	88.0
Friday, 4 March, 2022	**63**	90.0	90.0	91.0	92.0	85.0	86.0	92.0	87.0	80.0	69.0	59.0	60.0	61.0	62.0	65.0	66.0	68.0	75.0	81.0	84.0	85.0	87.0	87.0	89.0
Saturday, 5 March, 2022	**64**	90.0	93.0	95.0	97.0	97.0	99.0	99.0	100.0	99.0	88.0	76.0	78.0	73.0	71.0	71.0	70.0	69.0	72.0	74.0	78.0	85.0	88.0	87.0	83.0
Sunday, 6 March, 2022	**65**	80.0	80.0	76.0	77.0	72.0	70.0	71.0	67.0	67.0	66.0	62.0	62.0	65.0	67.0	68.0	68.0	69.0	74.0	76.0	80.0	78.0	80.0	79.0	78.0
Monday, 7 March, 2022	**66**	78.0	81.0	81.0	92.0	98.0	99.0	98.0	98.0	97.0	92.0	78.0	73.0	63.0	54.0	52.0	47.0	45.0	46.0	42.0	41.0	48.0	50.0	50.0	54.0
Tuesday, 8 March, 2022	**67**	50.0	52.0	53.0	54.0	56.0	60.0	57.0	53.0	50.0	47.0	39.0	38.0	35.0	31.0	29.0	36.0	43.0	48.0	54.0	53.0	53.0	51.0	59.0	61.0
Wednesday, 9 March, 2022	**68**	54.0	55.0	49.0	56.0	64.0	56.0	56.0	55.0	45.0	43.0	41.0	39.0	37.0	37.0	36.0	37.0	45.0	50.0	51.0	55.0	54.0	58.0	55.0	57.0
Thursday, 10 March, 2022	**69**	57.0	60.0	69.0	64.0	68.0	72.0	75.0	70.0	61.0	54.0	48.0	51.0	53.0	50.0	52.0	50.0	52.0	55.0	59.0	60.0	64.0	66.0	68.0	66.0
Friday, 11 March, 2022	**70**	71.0	76.0	80.0	82.0	83.0	83.0	84.0	81.0	75.0	69.0	62.0	62.0	66.0	66.0	62.0	65.0	67.0	69.0	74.0	73.0	75.0	80.0	83.0	83.0
Saturday, 12 March, 2022	**71**	86.0	87.0	88.0	90.0	93.0	93.0	93.0	83.0	69.0	66.0	56.0	53.0	48.0	50.0	47.0	49.0	53.0	55.0	57.0	57.0	61.0	63.0	63.0	64.0
Sunday, 13 March, 2022	**72**	68.0	69.0	70.0	69.0	72.0	73.0	84.0	82.0	77.0	74.0	66.0	65.0	65.0	64.0	65.0	65.0	69.0	72.0	79.0	82.0	86.0	85.0	87.0	89.0
Monday, 14 March, 2022	**73**	91.0	90.0	92.0	92.0	94.0	95.0	95.0	90.0	81.0	73.0	70.0	66.0	64.0	60.0	57.0	56.0	59.0	69.0	73.0	77.0	76.0	76.0	80.0	81.0
Tuesday, 15 March, 2022	**74**	84.0	86.0	86.0	87.0	88.0	89.0	93.0	86.0	82.0	76.0	67.0	62.0	64.0	65.0	71.0	75.0	73.0	69.0	82.0	88.0	82.0	84.0	86.0	87.0
Wednesday, 16 March, 2022	**75**	89.0	87.0	87.0	85.0	86.0	84.0	77.0	72.0	69.0	69.0	70.0	74.0	70.0	74.0	74.0	70.0	71.0	75.0	79.0	80.0	84.0	84.0	89.0	89.0
Thursday, 17 March, 2022	**76**	90.0	94.0	96.0	98.0	98.0	98.0	98.0	99.0	91.0	85.0	77.0	68.0	70.0	67.0	70.0	71.0	72.0	74.0	81.0	84.0	91.0	93.0	94.0	96.0
Friday, 18 March, 2022	**77**	96.0	96.0	98.0	98.0	99.0	100.0	100.0	99.0	96.0	89.0	77.0	77.0	73.0	69.0	63.0	58.0	64.0	71.0	72.0	77.0	77.0	83.0	86.0	90.0
Saturday, 19 March, 2022	**78**	91.0	94.0	95.0	95.0	93.0	91.0	93.0	85.0	77.0	82.0	78.0	76.0	75.0	73.0	73.0	74.0	78.0	83.0	85.0	86.0	85.0	84.0	84.0	84.0
Sunday, 20 March, 2022	**79**	85.0	85.0	88.0	90.0	88.0	89.0	90.0	90.0	88.0	85.0	88.0	88.0	92.0	88.0	86.0	84.0	85.0	86.0	90.0	88.0	88.0	87.0	88.0	89.0
Monday, 21 March, 2022	**80**	90.0	90.0	91.0	91.0	92.0	92.0	93.0	92.0	86.0	84.0	87.0	86.0	84.0	85.0	80.0	84.0	85.0	86.0	90.0	91.0	93.0	93.0	94.0	94.0
Tuesday, 22 March, 2022	**81**	93.0	94.0	94.0	94.0	96.0	96.0	97.0	96.0	92.0	87.0	88.0	86.0	84.0	91.0	90.0	92.0	94.0	97.0	98.0	98.0	99.0	99.0	98.0	96.0
Wednesday, 23 March, 2022	**82**	97.0	99.0	99.0	99.0	99.0	98.0	97.0	95.0	97.0	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0
Thursday, 24 March, 2022	**83**	99.0	99.0	98.0	99.0	99.0	99.0	99.0	100.0	99.0	93.0	93.0	88.0	89.0	92.0	93.0	92.0	93.0	91.0	91.0	92.0	92.0	93.0	92.0	91.0
Friday, 25 March, 2022	**84**	92.0	93.0	95.0	92.0	95.0	94.0	95.0	99.0	100.0	100.0	100.0	98.0	95.0	93.0	88.0	86.0	84.0	84.0	85.0	88.0	90.0	90.0	91.0	93.0
Saturday, 26 March, 2022	**85**	90.0	92.0	94.0	95.0	95.0	95.0	95.0	94.0	93.0	88.0	88.0	87.0	83.0	84.0	85.0	84.0	86.0	88.0	91.0	92.0	92.0	94.0	93.0	91.0
Sunday, 27 March, 2022	**86**	90.0	90.0	93.0	88.0	82.0	81.0	73.0	72.0	69.0	71.0	70.0	70.0	71.0	68.0	70.0	83.0	85.0	74.0	75.0	90.0	90.0	76.0	76.0	91.0
Monday, 28 March, 2022	**87**	86.0	96.0	98.0	99.0	99.0	98.0	98.0	98.0	95.0	95.0	94.0	94.0	94.0	96.0	96.0	97.0	96.0	98.0	98.0	98.0	97.0	97.0	98.0	96.0
Tuesday, 29 March, 2022	**88**	96.0	97.0	97.0	96.0	96.0	96.0	96.0	96.0	86.0	79.0	78.0	79.0	78.0	76.0	78.0	80.0	83.0	85.0	85.0	86.0	89.0	90.0	92.0	92.0
Wednesday, 30 March, 2022	**89**	92.0	90.0	89.0	91.0	92.0	90.0	90.0	86.0	76.0	67.0	64.0	61.0	60.0	64.0	63.0	63.0	61.0	60.0	60.0	61.0	65.0	65.0	69.0	74.0
Thursday, 31 March, 2022	**90**	76.0	80.0	84.0	85.0	85.0	87.0	90.0	79.0	70.0	63.0	63.0	60.0	64.0	59.0	59.0	62.0	67.0	71.0	75.0	72.0	72.0	79.0	79.0	76.0
Friday, 1 April, 2022	**91**	75.0	82.0	81.0	86.0	86.0	84.0	88.0	82.0	81.0	78.0	77.0	72.0	71.0	64.0	66.0	69.0	70.0	65.0	64.0	65.0	75.0	89.0	89.0	84.0
Saturday, 2 April, 2022	**92**	77.0	75.0	73.0	75.0	79.0	80.0	81.0	77.0	85.0	93.0	92.0	79.0	82.0	70.0	80.0	87.0	86.0	85.0	83.0	86.0	86.0	78.0	76.0	77.0
Sunday, 3 April, 2022	**93**	74.0	66.0	63.0	60.0	57.0	53.0	53.0	52.0	45.0	37.0	38.0	33.0	28.0	28.0	28.0	38.0	42.0	45.0	47.0	54.0	51.0	57.0	57.0	63.0
Monday, 4 April, 2022	**94**	64.0	73.0	69.0	69.0	73.0	76.0	77.0	59.0	50.0	38.0	39.0	37.0	34.0	35.0	40.0	45.0	48.0	57.0	57.0	61.0	59.0	64.0	67.0	72.0
Tuesday, 5 April, 2022	**95**	63.0	67.0	68.0	73.0	75.0	77.0	76.0	68.0	61.0	50.0	52.0	50.0	49.0	52.0	53.0	52.0	59.0	63.0	69.0	70.0	70.0	69.0	68.0	70.0
Wednesday, 6 April, 2022	**96**	74.0	80.0	81.0	84.0	83.0	85.0	90.0	78.0	69.0	63.0	59.0	58.0	51.0	60.0	60.0	61.0	58.0	52.0	55.0	60.0	61.0	61.0	60.0	64.0
Thursday, 7 April, 2022	**97**	77.0	78.0	75.0	77.0	81.0	81.0	82.0	71.0	66.0	58.0	58.0	55.0	57.0	55.0	58.0	60.0	61.0	64.0	67.0	69.0	72.0	63.0	58.0	41.0
Friday, 8 April, 2022	**98**	37.0	38.0	38.0	38.0	39.0	49.0	56.0	49.0	41.0	35.0	30.0	36.0	29.0	27.0	34.0	32.0	40.0	51.0	51.0	55.0	55.0	66.0	69.0	69.0
Saturday, 9 April, 2022	**99**	68.0	70.0	68.0	71.0	71.0	73.0	70.0	64.0	57.0	53.0	48.0	46.0	41.0	46.0	46.0	45.0	50.0	61.0	67.0	70.0	72.0	73.0	75.0	72.0
Sunday, 10 April, 2022	**100**	74.0	77.0	80.0	81.0	80.0	79.0	83.0	68.0	59.0	55.0	52.0	53.0	52.0	48.0	51.0	48.0	53.0	59.0	67.0	62.0	64.0	67.0	72.0	75.0
Monday, 11 April, 2022	**101**	79.0	83.0	85.0	87.0	85.0	88.0	81.0	80.0	72.0	66.0	61.0	58.0	58.0	60.0	60.0	62.0	65.0	72.0	73.0	77.0	78.0	79.0	76.0	78.0
Tuesday, 12 April, 2022	**102**	82.0	81.0	81.0	82.0	86.0	89.0	91.0	77.0	76.0	70.0	66.0	66.0	67.0	67.0	65.0	65.0	70.0	77.0	84.0	88.0	89.0	n/a	92.0	93.0
Wednesday, 13 April, 2022	**103**	91.0	91.0	92.0	93.0	95.0	94.0	94.0	91.0	87.0	85.0	84.0	79.0	80.0	69.0	71.0	71.0	72.0	82.0	86.0	90.0	91.0	95.0	96.0	94.0
Thursday, 14 April, 2022	**104**	81.0	77.0	69.0	74.0	74.0	73.0	76.0	74.0	66.0	58.0	54.0	58.0	56.0	54.0	52.0	52.0	51.0	55.0	60.0	68.0	68.0	70.0	70.0	66.0
Friday, 15 April, 2022	**105**	66.0	74.0	77.0	80.0	70.0	68.0	67.0	64.0	59.0	59.0	58.0	52.0	56.0	59.0	57.0	61.0	63.0	63.0	61.0	70.0	73.0	73.0	74.0	74.0
Saturday, 16 April, 2022	**106**	74.0	75.0	75.0	76.0	75.0	75.0	74.0	74.0	72.0	65.0	66.0	63.0	63.0	63.0	65.0	65.0	68.0	69.0	68.0	68.0	69.0	71.0	73.0	70.0
Sunday, 17 April, 2022	**107**	70.0	71.0	74.0	71.0	70.0	70.0	93.0	93.0	89.0	77.0	74.0	67.0	64.0	64.0	67.0	66.0	61.0	64.0	71.0	74.0	74.0	75.0	77.0	77.0
Monday, 18 April, 2022	**108**	78.0	79.0	77.0	77.0	81.0	79.0	82.0	86.0	78.0	75.0	70.0	69.0	71.0	74.0	71.0	77.0	78.0	79.0	80.0	81.0	79.0	77.0	77.0	89.0
Tuesday, 19 April, 2022	**109**	93.0	94.0	90.0	88.0	86.0	86.0	84.0	86.0	95.0	95.0	96.0	97.0	98.0	98.0	93.0	87.0	86.0	88.0	91.0	92.0	94.0	90.0	85.0	84.0
Wednesday, 20 April, 2022	**110**	84.0	85.0	85.0	85.0	86.0	86.0	86.0	85.0	83.0	82.0	81.0	72.0	65.0	64.0	66.0	67.0	71.0	75.0	79.0	84.0	84.0	81.0	82.0	85.0
Thursday, 21 April, 2022	**111**	85.0	86.0	84.0	83.0	85.0	87.0	85.0	80.0	78.0	71.0	64.0	59.0	60.0	63.0	63.0	68.0	70.0	76.0	83.0	87.0	90.0	90.0	91.0	94.0
Friday, 22 April, 2022	**112**	90.0	87.0	87.0	87.0	90.0	89.0	90.0	91.0	86.0	79.0	79.0	81.0	79.0	78.0	78.0	79.0	80.0	83.0	87.0	89.0	92.0	91.0	92.0	92.0
Saturday, 23 April, 2022	**113**	93.0	93.0	94.0	96.0	96.0	96.0	94.0	90.0	83.0	74.0	75.0	72.0	72.0	70.0	74.0	74.0	75.0	81.0	84.0	89.0	89.0	91.0	92.0	92.0
Sunday, 24 April, 2022	**114**	93.0	94.0	94.0	94.0	96.0	96.0	94.0	89.0	86.0	84.0	81.0	76.0	78.0	80.0	78.0	77.0	80.0	85.0	90.0	91.0	93.0	93.0	95.0	93.0
Monday, 25 April, 2022	**115**	95.0	94.0	95.0	95.0	96.0	96.0	95.0	93.0	87.0	78.0	74.0	75.0	76.0	76.0	79.0	81.0	81.0	82.0	85.0	84.0	84.0	86.0	89.0	91.0
Tuesday, 26 April, 2022	**116**	90.0	91.0	93.0	92.0	94.0	95.0	95.0	88.0	87.0	76.0	75.0	76.0	79.0	77.0	76.0	78.0	84.0	87.0	89.0	89.0	90.0	91.0	91.0	91.0
Wednesday, 27 April, 2022	**117**	92.0	94.0	93.0	94.0	94.0	95.0	94.0	86.0	78.0	72.0	68.0	70.0	70.0	70.0	72.0	74.0	76.0	77.0	84.0	90.0	92.0	93.0	94.0	95.0
Thursday, 28 April, 2022	**118**	95.0	95.0	95.0	94.0	94.0	94.0	93.0	91.0	89.0	85.0	80.0	76.0	73.0	68.0	71.0	70.0	71.0	78.0	81.0	82.0	87.0	87.0	90.0	92.0
Friday, 29 April, 2022	**119**	91.0	94.0	92.0	93.0	94.0	93.0	90.0	86.0	81.0	72.0	69.0	69.0	71.0	67.0	64.0	73.0	76.0	83.0	86.0	87.0	82.0	87.0	89.0	90.0
Saturday, 30 April, 2022	**120**	91.0	90.0	90.0	92.0	92.0	95.0	91.0	89.0	78.0	80.0	77.0	78.0	76.0	81.0	80.0	81.0	82.0	80.0	81.0	82.0	81.0	81.0	86.0	85.0

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Sunday, 1 May, 2022	**121**	84.0	84.0	85.0	85.0	95.0	96.0	97.0	96.0	95.0	95.0	97.0	96.0	96.0	97.0	98.0	97.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
Monday, 2 May, 2022	**122**	100.0	99.0	100.0	99.0	100.0	100.0	99.0	99.0	96.0	93.0	82.0	80.0	75.0	74.0	74.0	76.0	72.0	75.0	74.0	72.0	73.0	74.0	75.0	76.0
Tuesday, 3 May, 2022	**123**	77.0	81.0	80.0	81.0	80.0	80.0	75.0	68.0	62.0	52.0	50.0	47.0	47.0	46.0	51.0	51.0	55.0	62.0	65.0	66.0	69.0	66.0	69.0	71.0
Wednesday, 4 May, 2022	**124**	70.0	72.0	78.0	80.0	79.0	77.0	72.0	62.0	53.0	49.0	n/a	n/a	47.0	49.0	52.0	53.0	55.0	61.0	66.0	72.0	75.0	69.0	73.0	74.0
Thursday, 5 May, 2022	**125**	76.0	79.0	78.0	73.0	78.0	79.0	78.0	72.0	68.0	66.0	65.0	64.0	62.0	63.0	63.0	67.0	69.0	72.0	76.0	80.0	85.0	86.0	88.0	90.0
Friday, 6 May, 2022	**126**	90.0	91.0	88.0	88.0	90.0	89.0	83.0	74.0	66.0	61.0	60.0	62.0	63.0	64.0	65.0	68.0	70.0	75.0	75.0	79.0	78.0	78.0	74.0	82.0
Saturday, 7 May, 2022	**127**	84.0	83.0	84.0	86.0	85.0	87.0	89.0	81.0	75.0	67.0	65.0	64.0	61.0	66.0	77.0	75.0	71.0	87.0	92.0	97.0	96.0	90.0	94.0	85.0
Sunday, 8 May, 2022	**128**	66.0	71.0	66.0	67.0	75.0	77.0	76.0	68.0	68.0	62.0	52.0	50.0	51.0	57.0	54.0	53.0	60.0	68.0	72.0	76.0	73.0	73.0	74.0	79.0
Monday, 9 May, 2022	**129**	82.0	80.0	83.0	80.0	80.0	81.0	84.0	79.0	78.0	75.0	71.0	74.0	71.0	67.0	66.0	68.0	66.0	69.0	72.0	78.0	77.0	79.0	79.0	83.0
Tuesday, 10 May, 2022	**130**	82.0	84.0	86.0	86.0	89.0	91.0	90.0	89.0	87.0	87.0	86.0	83.0	84.0	82.0	85.0	90.0	91.0	98.0	99.0	99.0	97.0	97.0	98.0	97.0
Wednesday, 11 May, 2022	**131**	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	93.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thursday, 12 May, 2022	**132**	100.0	100.0	100.0	100.0	100.0	97.0	100.0	100.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Friday, 13 May, 2022	**133**	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.0	88.0	81.0	80.0	88.0	87.0	92.0	95.0	99.0	100.0	100.0	100.0	100.0	100.0
Saturday, 14 May, 2022	**134**	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	98.0	99.0	96.0	90.0	89.0	93.0	97.0	94.0	88.0	92.0	91.0	90.0	91.0	91.0	91.0
Sunday, 15 May, 2022	**135**	91.0	93.0	92.0	98.0	97.0	97.0	95.0	98.0	96.0	96.0	99.0	93.0	87.0	80.0	80.0	84.0	96.0	95.0	90.0	96.0	99.0	100.0	99.0	98.0
Monday, 16 May, 2022	**136**	92.0	88.0	86.0	85.0	89.0	88.0	85.0	93.0	96.0	97.0	93.0	96.0	98.0	91.0	92.0	89.0	86.0	88.0	87.0	88.0	82.0	81.0	82.0	83.0
Tuesday, 17 May, 2022	**137**	80.0	81.0	81.0	80.0	80.0	80.0	81.0	79.0	73.0	63.0	56.0	60.0	57.0	60.0	59.0	59.0	65.0	68.0	74.0	77.0	78.0	76.0	73.0	70.0
Wednesday, 18 May, 2022	**138**	68.0	62.0	65.0	71.0	71.0	70.0	77.0	47.0	45.0	25.0	22.0	25.0	36.0	40.0	39.0	44.0	44.0	53.0	59.0	61.0	56.0	57.0	62.0	56.0
Thursday, 19 May, 2022	**139**	54.0	51.0	57.0	60.0	63.0	66.0	71.0	66.0	65.0	62.0	55.0	50.0	48.0	50.0	52.0	57.0	56.0	59.0	70.0	74.0	77.0	79.0	79.0	81.0
Friday, 20 May, 2022	**140**	80.0	73.0	75.0	81.0	84.0	87.0	87.0	76.0	69.0	66.0	69.0	54.0	62.0	59.0	60.0	65.0	72.0	81.0	84.0	86.0	89.0	89.0	89.0	89.0
Saturday, 21 May, 2022	**141**	92.0	93.0	93.0	92.0	96.0	95.0	87.0	85.0	74.0	71.0	66.0	64.0	65.0	67.0	67.0	73.0	74.0	78.0	81.0	79.0	77.0	75.0	79.0	81.0
Sunday, 22 May, 2022	**142**	83.0	85.0	87.0	85.0	85.0	85.0	84.0	77.0	77.0	76.0	73.0	69.0	71.0	67.0	65.0	69.0	72.0	73.0	75.0	76.0	77.0	78.0	79.0	86.0
Monday, 23 May, 2022	**143**	78.0	77.0	81.0	83.0	87.0	86.0	85.0	85.0	81.0	86.0	83.0	83.0	80.0	77.0	78.0	80.0	81.0	81.0	83.0	84.0	83.0	84.0	85.0	86.0
Tuesday, 24 May, 2022	**144**	87.0	91.0	92.0	95.0	92.0	93.0	90.0	87.0	84.0	85.0	84.0	82.0	80.0	95.0	89.0	93.0	90.0	90.0	92.0	92.0	92.0	93.0	96.0	97.0
Wednesday, 25 May, 2022	**145**	96.0	96.0	94.0	95.0	96.0	97.0	95.0	97.0	92.0	86.0	87.0	87.0	89.0	82.0	83.0	85.0	85.0	88.0	89.0	91.0	90.0	90.0	92.0	93.0
Thursday, 26 May, 2022	**146**	93.0	93.0	95.0	95.0	96.0	96.0	93.0	93.0	88.0	79.0	74.0	70.0	70.0	74.0	79.0	83.0	84.0	86.0	89.0	91.0	91.0	92.0	91.0	93.0
Friday, 27 May, 2022	**147**	93.0	96.0	96.0	94.0	95.0	96.0	96.0	89.0	96.0	93.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	99.0	99.0	99.0	98.0	98.0	99.0
Saturday, 28 May, 2022	**148**	98.0	97.0	95.0	96.0	96.0	94.0	92.0	91.0	83.0	85.0	79.0	80.0	78.0	76.0	78.0	75.0	81.0	86.0	87.0	90.0	92.0	93.0	90.0	93.0
Sunday, 29 May, 2022	**149**	90.0	93.0	95.0	94.0	95.0	96.0	96.0	89.0	81.0	81.0	74.0	74.0	72.0	71.0	75.0	79.0	77.0	83.0	87.0	87.0	91.0	90.0	90.0	93.0
Monday, 30 May, 2022	**150**	93.0	92.0	93.0	92.0	94.0	95.0	97.0	94.0	93.0	91.0	79.0	74.0	71.0	73.0	79.0	76.0	76.0	79.0	82.0	86.0	88.0	90.0	90.0	91.0
Tuesday, 31 May, 2022	**151**	93.0	91.0	91.0	92.0	92.0	98.0	96.0	91.0	80.0	73.0	78.0	99.0	94.0	96.0	91.0	89.0	88.0	89.0	91.0	93.0	93.0	94.0	95.0	95.0
Wednesday, 1 June, 2022	**152**	94.0	95.0	96.0	97.0	99.0	99.0	96.0	83.0	78.0	74.0	76.0	73.0	91.0	93.0	89.0	87.0	82.0	83.0	84.0	88.0	88.0	91.0	94.0	91.0
Thursday, 2 June, 2022	**153**	91.0	90.0	97.0	96.0	98.0	98.0	93.0	90.0	78.0	76.0	74.0	76.0	76.0	77.0	79.0	95.0	85.0	82.0	85.0	83.0	85.0	87.0	87.0	89.0
Friday, 3 June, 2022	**154**	87.0	96.0	98.0	95.0	95.0	93.0	98.0	99.0	88.0	83.0	85.0	80.0	87.0	80.0	89.0	84.0	86.0	87.0	87.0	89.0	89.0	89.0	87.0	86.0
Saturday, 4 June, 2022	**155**	87.0	93.0	89.0	88.0	86.0	87.0	85.0	87.0	75.0	74.0	74.0	75.0	74.0	72.0	73.0	72.0	74.0	77.0	83.0	83.0	86.0	86.0	83.0	87.0
Sunday, 5 June, 2022	**156**	87.0	87.0	84.0	85.0	85.0	86.0	86.0	82.0	76.0	69.0	70.0	77.0	72.0	74.0	72.0	72.0	74.0	77.0	79.0	80.0	82.0	83.0	84.0	86.0
Monday, 6 June, 2022	**157**	86.0	86.0	86.0	86.0	88.0	90.0	86.0	81.0	78.0	78.0	74.0	81.0	98.0	100.0	98.0	94.0	92.0	92.0	92.0	90.0	91.0	94.0	93.0	93.0
Tuesday, 7 June, 2022	**158**	94.0	95.0	90.0	99.0	100.0	100.0	100.0	100.0	99.0	93.0	97.0	85.0	79.0	85.0	82.0	82.0	89.0	96.0	97.0	98.0	100.0	100.0	100.0	100.0
Wednesday, 8 June, 2022	**159**	100.0	98.0	97.0	96.0	97.0	97.0	95.0	93.0	93.0	97.0	99.0	100.0	100.0	100.0	100.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thursday, 9 June, 2022	**160**	100.0	98.0	99.0	99.0	99.0	98.0	95.0	95.0	90.0	88.0	90.0	97.0	100.0	100.0	95.0	94.0	95.0	94.0	92.0	89.0	92.0	89.0	96.0	95.0
Friday, 10 June, 2022	**161**	94.0	93.0	96.0	97.0	98.0	99.0	99.0	96.0	95.0	91.0	92.0	96.0	94.0	92.0	87.0	88.0	87.0	87.0	98.0	100.0	100.0	99.0	100.0	98.0
Saturday, 11 June, 2022	**162**	99.0	100.0	99.0	100.0	99.0	100.0	100.0	100.0	93.0	90.0	88.0	90.0	93.0	99.0	99.0	99.0	97.0	94.0	97.0	95.0	95.0	91.0	96.0	95.0
Sunday, 12 June, 2022	**163**	94.0	92.0	95.0	99.0	100.0	100.0	100.0	100.0	100.0	88.0	83.0	83.0	80.0	84.0	85.0	83.0	83.0	84.0	89.0	88.0	88.0	91.0	89.0	89.0
Monday, 13 June, 2022	**164**	89.0	88.0	86.0	86.0	86.0	87.0	86.0	81.0	79.0	76.0	78.0	78.0	77.0	81.0	78.0	80.0	80.0	83.0	83.0	85.0	87.0	88.0	87.0	90.0
Tuesday, 14 June, 2022	**165**	88.0	89.0	92.0	92.0	90.0	89.0	87.0	86.0	85.0	88.0	92.0	93.0	92.0	88.0	96.0	98.0	99.0	99.0	97.0	97.0	99.0	100.0	100.0	96.0
Wednesday, 15 June, 2022	**166**	95.0	95.0	97.0	98.0	95.0	98.0	99.0	94.0	76.0	81.0	76.0	73.0	71.0	77.0	81.0	86.0	84.0	84.0	89.0	91.0	100.0	100.0	100.0	100.0
Thursday, 16 June, 2022	**167**	100.0	100.0	99.0	98.0	98.0	98.0	98.0	95.0	94.0	90.0	84.0	86.0	82.0	80.0	81.0	81.0	83.0	80.0	84.0	83.0	84.0	85.0	86.0	87.0
Friday, 17 June, 2022	**168**	89.0	88.0	89.0	89.0	86.0	88.0	87.0	79.0	75.0	72.0	75.0	79.0	73.0	74.0	75.0	77.0	77.0	77.0	81.0	81.0	80.0	81.0	84.0	87.0
Saturday, 18 June, 2022	**169**	85.0	88.0	88.0	83.0	85.0	87.0	86.0	83.0	83.0	88.0	81.0	78.0	81.0	76.0	77.0	79.0	82.0	86.0	82.0	86.0	85.0	86.0	85.0	91.0
Sunday, 19 June, 2022	**170**	89.0	88.0	90.0	91.0	92.0	90.0	90.0	86.0	81.0	79.0	81.0	80.0	77.0	76.0	79.0	79.0	82.0	82.0	86.0	91.0	89.0	90.0	92.0	96.0
Monday, 20 June, 2022	**171**	95.0	95.0	95.0	92.0	88.0	86.0	85.0	82.0	79.0	78.0	78.0	80.0	76.0	76.0	75.0	77.0	77.0	79.0	81.0	80.0	85.0	85.0	89.0	89.0
Tuesday, 21 June, 2022	**172**	90.0	88.0	87.0	87.0	87.0	87.0	88.0	85.0	90.0	80.0	75.0	75.0	74.0	76.0	76.0	78.0	80.0	84.0	88.0	89.0	88.0	87.0	87.0	85.0
Wednesday, 22 June, 2022	**173**	85.0	88.0	89.0	90.0	92.0	93.0	91.0	88.0	79.0	76.0	76.0	74.0	74.0	70.0	69.0	68.0	78.0	81.0	85.0	87.0	87.0	89.0	92.0	92.0
Thursday, 23 June, 2022	**174**	93.0	93.0	94.0	94.0	92.0	94.0	89.0	82.0	69.0	68.0	65.0	65.0	64.0	65.0	63.0	62.0	67.0	74.0	77.0	81.0	83.0	86.0	85.0	84.0
Friday, 24 June, 2022	**175**	88.0	90.0	90.0	92.0	95.0	94.0	94.0	88.0	72.0	73.0	66.0	67.0	58.0	53.0	56.0	62.0	65.0	71.0	73.0	80.0	82.0	82.0	83.0	87.0
Saturday, 25 June, 2022	**176**	88.0	87.0	89.0	88.0	90.0	91.0	89.0	83.0	74.0	69.0	65.0	63.0	57.0	57.0	63.0	67.0	68.0	76.0	77.0	82.0	82.0	83.0	85.0	86.0
Sunday, 26 June, 2022	**177**	86.0	88.0	88.0	91.0	88.0	98.0	99.0	92.0	82.0	68.0	63.0	60.0	68.0	66.0	61.0	68.0	73.0	77.0	79.0	80.0	83.0	85.0	84.0	88.0
Monday, 27 June, 2022	**178**	89.0	88.0	87.0	89.0	92.0	94.0	95.0	89.0	82.0	69.0	67.0	65.0	64.0	66.0	68.0	71.0	69.0	72.0	75.0	81.0	80.0	85.0	86.0	85.0
Tuesday, 28 June, 2022	**179**	86.0	88.0	88.0	90.0	91.0	92.0	86.0	82.0	70.0	65.0	65.0	62.0	61.0	58.0	59.0	57.0	60.0	57.0	59.0	67.0	73.0	76.0	79.0	85.0
Wednesday, 29 June, 2022	**180**	87.0	87.0	87.0	90.0	89.0	91.0	87.0	79.0	79.0	80.0	74.0	93.0	95.0	78.0	77.0	73.0	75.0	76.0	76.0	77.0	78.0	76.0	80.0	80.0
Thursday, 30 June, 2022	**181**	78.0	89.0	92.0	92.0	97.0	96.0	97.0	100.0	100.0	99.0	88.0	86.0	94.0	93.0	93.0	97.0	97.0	97.0	99.0	98.0	97.0	95.0	94.0	94.0

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Friday, 1 July, 2022	**182**	92.0	96.0	99.0	94.0	95.0	96.0	97.0	89.0	83.0	82.0	73.0	67.0	68.0	95.0	95.0	98.0	97.0	85.0	82.0	78.0	76.0	75.0	88.0	84.0
Saturday, 2 July, 2022	**183**	94.0	97.0	94.0	89.0	85.0	82.0	89.0	81.0	85.0	97.0	98.0	100.0	97.0	89.0	85.0	88.0	99.0	96.0	100.0	94.0	87.0	95.0	87.0	86.0
Sunday, 3 July, 2022	**184**	86.0	84.0	81.0	82.0	83.0	82.0	83.0	83.0	82.0	83.0	83.0	85.0	83.0	83.0	81.0	81.0	84.0	82.0	81.0	85.0	89.0	87.0	87.0	86.0
Monday, 4 July, 2022	**185**	91.0	88.0	90.0	90.0	89.0	95.0	87.0	84.0	88.0	85.0	85.0	84.0	83.0	82.0	84.0	81.0	83.0	84.0	85.0	84.0	86.0	86.0	88.0	86.0
Tuesday, 5 July, 2022	**186**	86.0	85.0	83.0	84.0	91.0	92.0	89.0	87.0	86.0	82.0	82.0	80.0	84.0	83.0	99.0	100.0	100.0	100.0	100.0	99.0	97.0	96.0	97.0	98.0
Wednesday, 6 July, 2022	**187**	96.0	94.0	95.0	95.0	98.0	98.0	99.0	96.0	96.0	87.0	93.0	83.0	77.0	68.0	77.0	81.0	80.0	85.0	86.0	90.0	87.0	86.0	90.0	92.0
Thursday, 7 July, 2022	**188**	93.0	93.0	92.0	93.0	94.0	94.0	98.0	92.0	85.0	80.0	84.0	91.0	97.0	90.0	92.0	91.0	99.0	97.0	94.0	95.0	94.0	95.0	93.0	92.0
Friday, 8 July, 2022	**189**	94.0	94.0	95.0	96.0	97.0	97.0	91.0	87.0	76.0	75.0	68.0	67.0	67.0	67.0	68.0	66.0	71.0	76.0	79.0	81.0	79.0	81.0	85.0	86.0
Saturday, 9 July, 2022	**190**	88.0	87.0	86.0	88.0	88.0	89.0	92.0	82.0	82.0	71.0	71.0	73.0	72.0	67.0	74.0	72.0	74.0	72.0	80.0	82.0	82.0	82.0	83.0	85.0
Sunday, 10 July, 2022	**191**	85.0	86.0	87.0	89.0	91.0	90.0	91.0	85.0	78.0	72.0	68.0	69.0	68.0	68.0	67.0	69.0	71.0	73.0	79.0	80.0	79.0	84.0	86.0	89.0
Monday, 11 July, 2022	**192**	89.0	87.0	89.0	90.0	91.0	89.0	86.0	80.0	73.0	65.0	63.0	62.0	61.0	64.0	57.0	60.0	64.0	71.0	71.0	76.0	78.0	83.0	85.0	88.0
Tuesday, 12 July, 2022	**193**	90.0	88.0	85.0	90.0	90.0	92.0	89.0	79.0	74.0	64.0	63.0	62.0	62.0	65.0	63.0	63.0	63.0	69.0	71.0	80.0	83.0	86.0	89.0	90.0
Wednesday, 13 July, 2022	**194**	91.0	89.0	89.0	90.0	91.0	93.0	89.0	81.0	70.0	63.0	59.0	52.0	58.0	58.0	65.0	63.0	59.0	60.0	59.0	71.0	78.0	82.0	85.0	87.0
Thursday, 14 July, 2022	**195**	88.0	88.0	89.0	90.0	91.0	91.0	93.0	86.0	77.0	76.0	66.0	64.0	58.0	58.0	59.0	67.0	66.0	75.0	80.0	77.0	77.0	83.0	86.0	87.0
Friday, 15 July, 2022	**196**	86.0	85.0	87.0	90.0	92.0	91.0	89.0	85.0	83.0	73.0	68.0	75.0	74.0	72.0	71.0	72.0	74.0	75.0	79.0	82.0	84.0	85.0	87.0	86.0
Saturday, 16 July, 2022	**197**	88.0	85.0	84.0	85.0	86.0	89.0	89.0	86.0	85.0	84.0	80.0	76.0	73.0	72.0	68.0	70.0	71.0	74.0	76.0	79.0	79.0	81.0	82.0	84.0
Sunday, 17 July, 2022	**198**	81.0	83.0	83.0	86.0	85.0	87.0	85.0	83.0	82.0	79.0	75.0	72.0	70.0	68.0	72.0	68.0	69.0	76.0	73.0	78.0	80.0	80.0	81.0	81.0
Monday, 18 July, 2022	**199**	82.0	83.0	83.0	84.0	84.0	85.0	85.0	82.0	80.0	74.0	76.0	71.0	69.0	70.0	71.0	69.0	72.0	73.0	76.0	83.0	84.0	87.0	87.0	87.0
Tuesday, 19 July, 2022	**200**	83.0	85.0	84.0	89.0	87.0	87.0	86.0	87.0	77.0	75.0	70.0	68.0	73.0	74.0	71.0	73.0	77.0	78.0	80.0	79.0	77.0	79.0	81.0	81.0
Wednesday, 20 July, 2022	**201**	81.0	80.0	82.0	83.0	85.0	85.0	86.0	81.0	76.0	72.0	69.0	72.0	71.0	70.0	73.0	74.0	74.0	77.0	80.0	81.0	80.0	80.0	81.0	81.0
Thursday, 21 July, 2022	**202**	84.0	87.0	86.0	86.0	87.0	87.0	85.0	82.0	79.0	75.0	68.0	67.0	62.0	63.0	59.0	65.0	66.0	71.0	71.0	74.0	77.0	79.0	78.0	82.0
Friday, 22 July, 2022	**203**	86.0	89.0	87.0	90.0	89.0	89.0	90.0	78.0	70.0	63.0	60.0	61.0	57.0	51.0	52.0	51.0	50.0	66.0	71.0	75.0	75.0	80.0	85.0	84.0
Saturday, 23 July, 2022	**204**	85.0	84.0	89.0	89.0	90.0	91.0	86.0	82.0	78.0	71.0	68.0	60.0	55.0	53.0	60.0	58.0	65.0	75.0	75.0	80.0	81.0	82.0	84.0	86.0
Sunday, 24 July, 2022	**205**	87.0	85.0	89.0	89.0	88.0	87.0	82.0	82.0	73.0	61.0	55.0	53.0	51.0	50.0	51.0	60.0	62.0	72.0	78.0	78.0	82.0	82.0	85.0	88.0
Monday, 25 July, 2022	**206**	89.0	90.0	89.0	87.0	88.0	86.0	90.0	81.0	75.0	69.0	65.0	61.0	58.0	55.0	57.0	67.0	71.0	73.0	78.0	81.0	80.0	83.0	83.0	86.0
Tuesday, 26 July, 2022	**207**	85.0	84.0	80.0	85.0	83.0	85.0	82.0	77.0	71.0	68.0	62.0	63.0	63.0	61.0	61.0	66.0	68.0	71.0	74.0	78.0	78.0	78.0	81.0	80.0
Wednesday, 27 July, 2022	**208**	80.0	81.0	83.0	84.0	85.0	85.0	83.0	77.0	71.0	63.0	61.0	61.0	60.0	54.0	58.0	59.0	64.0	72.0	74.0	75.0	77.0	80.0	81.0	84.0
Thursday, 28 July, 2022	**209**	86.0	85.0	85.0	89.0	89.0	91.0	88.0	81.0	76.0	74.0	69.0	63.0	62.0	59.0	57.0	58.0	64.0	70.0	76.0	78.0	80.0	81.0	83.0	86.0
Friday, 29 July, 2022	**210**	87.0	87.0	90.0	92.0	93.0	91.0	91.0	83.0	78.0	68.0	62.0	62.0	62.0	59.0	64.0	70.0	75.0	79.0	80.0	82.0	85.0	85.0	87.0	87.0
Saturday, 30 July, 2022	**211**	89.0	91.0	92.0	92.0	94.0	95.0	92.0	87.0	79.0	80.0	81.0	84.0	87.0	95.0	94.0	91.0	92.0	89.0	92.0	92.0	95.0	94.0	95.0	94.0
Sunday, 31 July, 2022	**212**	93.0	96.0	97.0	98.0	98.0	96.0	97.0	90.0	74.0	71.0	64.0	61.0	61.0	61.0	60.0	63.0	67.0	77.0	79.0	82.0	81.0	82.0	85.0	85.0
Monday, 1 August, 2022	**213**	86.0	88.0	88.0	86.0	89.0	90.0	90.0	78.0	72.0	63.0	58.0	57.0	59.0	53.0	54.0	58.0	58.0	71.0	73.0	73.0	76.0	77.0	79.0	82.0
Tuesday, 2 August, 2022	**214**	85.0	87.0	86.0	88.0	88.0	88.0	89.0	78.0	69.0	63.0	56.0	54.0	51.0	55.0	54.0	60.0	62.0	65.0	71.0	61.0	84.0	87.0	86.0	80.0
Wednesday, 3 August, 2022	**215**	79.0	80.0	82.0	85.0	84.0	84.0	85.0	83.0	82.0	87.0	89.0	78.0	77.0	90.0	97.0	88.0	89.0	93.0	96.0	98.0	96.0	97.0	98.0	97.0
Thursday, 4 August, 2022	**216**	97.0	96.0	95.0	97.0	98.0	94.0	94.0	95.0	99.0	99.0	98.0	98.0	99.0	99.0	97.0	93.0	97.0	99.0	97.0	94.0	95.0	90.0	97.0	94.0
Friday, 5 August, 2022	**217**	93.0	97.0	91.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	87.0	92.0	91.0	99.0	100.0	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Saturday, 6 August, 2022	**218**	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.0	88.0	76.0	74.0	90.0	78.0	95.0	97.0	94.0	95.0	95.0	96.0	97.0	96.0	95.0	97.0	95.0
Sunday, 7 August, 2022	**219**	96.0	97.0	96.0	97.0	97.0	96.0	95.0	88.0	81.0	74.0	65.0	65.0	67.0	72.0	65.0	62.0	67.0	67.0	70.0	74.0	87.0	84.0	81.0	79.0
Monday, 8 August, 2022	**220**	84.0	78.0	83.0	92.0	89.0	86.0	85.0	85.0	93.0	97.0	87.0	77.0	82.0	82.0	75.0	96.0	96.0	90.0	82.0	86.0	84.0	84.0	88.0	91.0
Tuesday, 9 August, 2022	**221**	93.0	95.0	93.0	96.0	92.0	90.0	87.0	88.0	82.0	95.0	86.0	94.0	92.0	97.0	96.0	95.0	96.0	95.0	99.0	98.0	99.0	100.0	99.0	98.0
Wednesday, 10 August, 2022	**222**	99.0	100.0	97.0	97.0	95.0	99.0	98.0	95.0	80.0	83.0	93.0	92.0	96.0	85.0	98.0	97.0	99.0	99.0	100.0	100.0	99.0	98.0	100.0	95.0
Thursday, 11 August, 2022	**223**	95.0	93.0	90.0	89.0	88.0	88.0	90.0	92.0	89.0	86.0	95.0	100.0	94.0	95.0	93.0	98.0	96.0	94.0	93.0	96.0	96.0	95.0	94.0	96.0
Friday, 12 August, 2022	**224**	95.0	97.0	98.0	98.0	98.0	96.0	94.0	86.0	97.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	96.0	97.0	98.0	99.0	99.0	99.0	99.0
Saturday, 13 August, 2022	**225**	96.0	96.0	98.0	96.0	98.0	99.0	99.0	93.0	88.0	79.0	71.0	72.0	70.0	70.0	88.0	83.0	83.0	85.0	91.0	88.0	89.0	89.0	88.0	91.0
Sunday, 14 August, 2022	**226**	92.0	94.0	95.0	96.0	97.0	98.0	96.0	92.0	80.0	69.0	64.0	65.0	66.0	64.0	68.0	72.0	73.0	78.0	82.0	84.0	85.0	88.0	89.0	91.0
Monday, 15 August, 2022	**227**	92.0	93.0	94.0	95.0	95.0	96.0	97.0	85.0	81.0	79.0	71.0	71.0	66.0	63.0	67.0	66.0	68.0	71.0	80.0	82.0	80.0	83.0	86.0	87.0
Tuesday, 16 August, 2022	**228**	89.0	92.0	92.0	93.0	94.0	94.0	97.0	99.0	89.0	80.0	85.0	92.0	85.0	80.0	73.0	72.0	65.0	65.0	74.0	73.0	76.0	77.0	80.0	80.0
Wednesday, 17 August, 2022	**229**	82.0	79.0	79.0	84.0	86.0	86.0	86.0	90.0	81.0	75.0	76.0	71.0	72.0	72.0	75.0	75.0	95.0	98.0	99.0	99.0	99.0	99.0	96.0	94.0
Thursday, 18 August, 2022	**230**	94.0	94.0	96.0	94.0	100.0	100.0	100.0	100.0	100.0	86.0	75.0	83.0	73.0	76.0	72.0	81.0	71.0	91.0	94.0	92.0	93.0	91.0	92.0	92.0
Friday, 19 August, 2022	**231**	91.0	93.0	91.0	95.0	99.0	99.0	99.0	99.0	93.0	97.0	95.0	78.0	76.0	79.0	90.0	83.0	81.0	83.0	83.0	84.0	84.0	85.0	87.0	86.0
Saturday, 20 August, 2022	**232**	90.0	89.0	90.0	86.0	94.0	95.0	93.0	87.0	80.0	77.0	75.0	74.0	72.0	85.0	89.0	90.0	85.0	82.0	81.0	84.0	86.0	83.0	86.0	84.0
Sunday, 21 August, 2022	**233**	85.0	86.0	89.0	98.0	96.0	95.0	97.0	94.0	85.0	83.0	86.0	74.0	76.0	72.0	74.0	71.0	77.0	83.0	84.0	85.0	86.0	88.0	88.0	89.0
Monday, 22 August, 2022	**234**	90.0	91.0	92.0	94.0	94.0	95.0	96.0	84.0	79.0	73.0	71.0	67.0	68.0	63.0	62.0	70.0	73.0	77.0	80.0	80.0	83.0	86.0	88.0	91.0
Tuesday, 23 August, 2022	**235**	92.0	92.0	92.0	93.0	94.0	95.0	94.0	80.0	76.0	71.0	67.0	67.0	67.0	63.0	61.0	62.0	66.0	71.0	75.0	78.0	79.0	77.0	84.0	83.0
Wednesday, 24 August, 2022	**236**	84.0	86.0	86.0	89.0	92.0	91.0	91.0	88.0	73.0	59.0	63.0	56.0	51.0	55.0	54.0	57.0	63.0	60.0	65.0	66.0	68.0	69.0	70.0	88.0
Thursday, 25 August, 2022	**237**	80.0	77.0	89.0	99.0	96.0	87.0	90.0	96.0	97.0	99.0	85.0	95.0	98.0	91.0	80.0	86.0	90.0	92.0	100.0	100.0	99.0	99.0	97.0	96.0
Friday, 26 August, 2022	**238**	96.0	95.0	90.0	92.0	96.0	94.0	94.0	92.0	87.0	81.0	76.0	80.0	78.0	79.0	80.0	80.0	83.0	85.0	88.0	90.0	90.0	92.0	93.0	93.0
Saturday, 27 August, 2022	**239**	94.0	95.0	96.0	96.0	97.0	97.0	97.0	91.0	81.0	77.0	69.0	67.0	62.0	64.0	63.0	70.0	76.0	83.0	87.0	90.0	88.0	91.0	90.0	90.0
Sunday, 28 August, 2022	**240**	92.0	91.0	93.0	95.0	96.0	96.0	98.0	89.0	85.0	75.0	73.0	69.0	67.0	71.0	75.0	75.0	77.0	83.0	84.0	84.0	87.0	88.0	88.0	89.0
Monday, 29 August, 2022	**241**	93.0	94.0	93.0	91.0	94.0	94.0	95.0	92.0	91.0	83.0	77.0	73.0	74.0	71.0	89.0	74.0	79.0	85.0	87.0	89.0	90.0	90.0	93.0	93.0
Tuesday, 30 August, 2022	**242**	93.0	95.0	95.0	94.0	94.0	95.0	96.0	86.0	81.0	78.0	72.0	69.0	70.0	68.0	71.0	79.0	88.0	87.0	86.0	84.0	83.0	87.0	88.0	90.0
Wednesday, 31 August, 2022	**243**	91.0	92.0	93.0	93.0	93.0	93.0	96.0	91.0	79.0	81.0	76.0	90.0	87.0	84.0	78.0	88.0	84.0	88.0	89.0	89.0	91.0	90.0	91.0	93.0

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Thursday, 1 September, 2022	**244**	92.0	93.0	94.0	94.0	93.0	91.0	93.0	81.0	78.0	77.0	79.0	83.0	69.0	71.0	79.0	94.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	99.0
Friday, 2 September, 2022	**245**	97.0	97.0	96.0	90.0	81.0	74.0	72.0	72.0	68.0	64.0	58.0	60.0	57.0	55.0	60.0	56.0	58.0	60.0	60.0	62.0	61.0	59.0	64.0	62.0
Saturday, 3 September, 2022	**246**	63.0	63.0	63.0	64.0	66.0	65.0	66.0	62.0	56.0	52.0	49.0	49.0	48.0	51.0	53.0	51.0	50.0	53.0	62.0	64.0	63.0	55.0	53.0	56.0
Sunday, 4 September, 2022	**247**	58.0	57.0	58.0	60.0	59.0	61.0	62.0	58.0	56.0	54.0	52.0	50.0	49.0	50.0	50.0	50.0	55.0	57.0	61.0	62.0	63.0	65.0	64.0	65.0
Monday, 5 September, 2022	**248**	67.0	65.0	64.0	58.0	59.0	60.0	58.0	55.0	52.0	47.0	46.0	46.0	46.0	47.0	47.0	46.0	52.0	54.0	59.0	62.0	62.0	63.0	67.0	69.0
Tuesday, 6 September, 2022	**249**	69.0	72.0	72.0	71.0	71.0	71.0	72.0	68.0	52.0	47.0	44.0	44.0	46.0	50.0	50.0	51.0	52.0	61.0	66.0	68.0	76.0	75.0	73.0	76.0
Wednesday, 7 September, 2022	**250**	75.0	79.0	77.0	81.0	94.0	96.0	97.0	94.0	86.0	82.0	82.0	79.0	78.0	74.0	70.0	73.0	74.0	75.0	77.0	81.0	81.0	82.0	82.0	81.0
Thursday, 8 September, 2022	**251**	83.0	80.0	83.0	83.0	84.0	85.0	86.0	79.0	74.0	72.0	68.0	70.0	63.0	64.0	69.0	66.0	65.0	63.0	62.0	66.0	71.0	70.0	62.0	62.0
Friday, 9 September, 2022	**252**	53.0	50.0	52.0	55.0	60.0	67.0	67.0	62.0	55.0	41.0	42.0	44.0	43.0	47.0	51.0	47.0	56.0	63.0	66.0	67.0	74.0	74.0	70.0	72.0
Saturday, 10 September, 2022	**253**	73.0	75.0	78.0	79.0	78.0	78.0	81.0	78.0	75.0	67.0	59.0	63.0	61.0	61.0	68.0	72.0	73.0	77.0	81.0	84.0	87.0	87.0	89.0	90.0
Sunday, 11 September, 2022	**254**	90.0	92.0	91.0	94.0	95.0	95.0	94.0	89.0	85.0	84.0	72.0	70.0	63.0	62.0	67.0	63.0	66.0	77.0	78.0	82.0	82.0	84.0	84.0	89.0
Monday, 12 September, 2022	**255**	84.0	86.0	88.0	88.0	91.0	92.0	94.0	83.0	74.0	52.0	46.0	45.0	43.0	48.0	43.0	43.0	48.0	44.0	50.0	55.0	59.0	66.0	70.0	76.0
Tuesday, 13 September, 2022	**256**	79.0	79.0	74.0	72.0	75.0	77.0	81.0	72.0	57.0	46.0	43.0	41.0	37.0	40.0	39.0	41.0	55.0	57.0	54.0	57.0	61.0	65.0	68.0	67.0
Wednesday, 14 September, 2022	**257**	71.0	74.0	72.0	66.0	55.0	51.0	51.0	50.0	42.0	40.0	39.0	37.0	41.0	39.0	38.0	39.0	39.0	41.0	46.0	52.0	58.0	56.0	58.0	60.0
Thursday, 15 September, 2022	**258**	65.0	70.0	71.0	65.0	64.0	65.0	65.0	71.0	55.0	57.0	40.0	46.0	47.0	42.0	42.0	42.0	51.0	54.0	62.0	65.0	64.0	63.0	68.0	67.0
Friday, 16 September, 2022	**259**	70.0	70.0	71.0	76.0	81.0	78.0	82.0	79.0	72.0	69.0	65.0	60.0	54.0	49.0	46.0	53.0	61.0	68.0	72.0	72.0	78.0	81.0	80.0	77.0
Saturday, 17 September, 2022	**260**	76.0	78.0	78.0	76.0	73.0	82.0	87.0	79.0	75.0	70.0	62.0	55.0	57.0	53.0	58.0	66.0	72.0	78.0	80.0	80.0	78.0	81.0	83.0	86.0
Sunday, 18 September, 2022	**261**	91.0	92.0	94.0	91.0	90.0	90.0	89.0	90.0	79.0	71.0	64.0	63.0	62.0	62.0	64.0	69.0	73.0	75.0	88.0	91.0	87.0	94.0	92.0	89.0
Monday, 19 September, 2022	**262**	86.0	86.0	82.0	92.0	88.0	84.0	87.0	88.0	83.0	77.0	71.0	73.0	69.0	70.0	67.0	64.0	80.0	80.0	95.0	93.0	95.0	95.0	91.0	92.0
Tuesday, 20 September, 2022	**263**	89.0	86.0	85.0	83.0	86.0	87.0	90.0	82.0	76.0	71.0	69.0	70.0	90.0	85.0	81.0	72.0	71.0	74.0	76.0	75.0	76.0	78.0	81.0	82.0
Wednesday, 21 September, 2022	**264**	79.0	77.0	81.0	81.0	80.0	81.0	86.0	82.0	66.0	59.0	54.0	52.0	53.0	53.0	56.0	58.0	60.0	63.0	68.0	72.0	74.0	73.0	76.0	78.0
Thursday, 22 September, 2022	**265**	75.0	77.0	77.0	74.0	77.0	81.0	82.0	77.0	72.0	70.0	66.0	64.0	64.0	64.0	65.0	60.0	68.0	72.0	68.0	75.0	77.0	77.0	81.0	83.0
Friday, 23 September, 2022	**266**	82.0	82.0	85.0	85.0	84.0	85.0	87.0	81.0	69.0	68.0	69.0	71.0	72.0	68.0	79.0	79.0	86.0	94.0	99.0	98.0	98.0	95.0	85.0	92.0
Saturday, 24 September, 2022	**267**	93.0	95.0	95.0	90.0	92.0	88.0	88.0	83.0	73.0	66.0	65.0	60.0	58.0	59.0	59.0	62.0	63.0	68.0	71.0	72.0	75.0	76.0	76.0	81.0
Sunday, 25 September, 2022	**268**	81.0	85.0	87.0	86.0	88.0	90.0	90.0	84.0	74.0	66.0	62.0	67.0	66.0	67.0	63.0	65.0	70.0	77.0	71.0	75.0	75.0	75.0	76.0	80.0
Monday, 26 September, 2022	**269**	84.0	84.0	85.0	86.0	87.0	86.0	89.0	80.0	72.0	63.0	61.0	58.0	58.0	57.0	58.0	58.0	62.0	72.0	73.0	73.0	76.0	75.0	77.0	81.0
Tuesday, 27 September, 2022	**270**	82.0	74.0	77.0	77.0	78.0	74.0	79.0	72.0	67.0	63.0	60.0	61.0	61.0	64.0	59.0	61.0	68.0	72.0	72.0	69.0	70.0	73.0	74.0	69.0
Wednesday, 28 September, 2022	**271**	69.0	71.0	69.0	70.0	70.0	72.0	73.0	72.0	70.0	65.0	59.0	63.0	63.0	60.0	62.0	60.0	63.0	63.0	66.0	69.0	70.0	70.0	71.0	74.0
Thursday, 29 September, 2022	**272**	73.0	73.0	73.0	77.0	75.0	75.0	76.0	86.0	97.0	91.0	92.0	94.0	96.0	75.0	75.0	72.0	72.0	73.0	78.0	80.0	82.0	81.0	81.0	81.0
Friday, 30 September, 2022	**273**	80.0	81.0	93.0	99.0	96.0	96.0	94.0	96.0	94.0	98.0	100.0	100.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Saturday, 1 October, 2022	**274**	99.0	97.0	97.0	99.0	98.0	97.0	97.0	90.0	84.0	78.0	70.0	69.0	71.0	72.0	68.0	79.0	90.0	93.0	91.0	90.0	86.0	86.0	88.0	88.0
Sunday, 2 October, 2022	**275**	88.0	87.0	85.0	87.0	86.0	86.0	86.0	84.0	78.0	72.0	68.0	67.0	68.0	68.0	65.0	68.0	73.0	76.0	77.0	81.0	83.0	82.0	84.0	86.0
Monday, 3 October, 2022	**276**	88.0	84.0	85.0	88.0	88.0	88.0	91.0	85.0	76.0	73.0	67.0	65.0	63.0	62.0	63.0	61.0	67.0	74.0	77.0	78.0	78.0	81.0	83.0	85.0
Tuesday, 4 October, 2022	**277**	87.0	88.0	90.0	90.0	91.0	92.0	94.0	86.0	77.0	70.0	67.0	71.0	72.0	73.0	71.0	66.0	69.0	73.0	83.0	85.0	87.0	85.0	81.0	86.0
Wednesday, 5 October, 2022	**278**	86.0	81.0	88.0	88.0	87.0	85.0	86.0	82.0	76.0	77.0	74.0	59.0	60.0	67.0	60.0	58.0	64.0	69.0	71.0	74.0	75.0	77.0	79.0	74.0
Thursday, 6 October, 2022	**279**	74.0	76.0	77.0	76.0	81.0	84.0	86.0	80.0	73.0	70.0	69.0	64.0	64.0	64.0	65.0	62.0	69.0	75.0	79.0	77.0	78.0	78.0	82.0	85.0
Friday, 7 October, 2022	**280**	83.0	83.0	86.0	83.0	85.0	79.0	81.0	77.0	76.0	71.0	67.0	67.0	65.0	64.0	66.0	65.0	69.0	74.0	77.0	77.0	78.0	76.0	70.0	84.0
Saturday, 8 October, 2022	**281**	86.0	89.0	81.0	78.0	78.0	76.0	75.0	70.0	69.0	65.0	63.0	65.0	63.0	67.0	68.0	64.0	65.0	72.0	76.0	78.0	80.0	83.0	84.0	82.0
Sunday, 9 October, 2022	**282**	82.0	84.0	86.0	69.0	75.0	81.0	82.0	78.0	70.0	66.0	57.0	56.0	57.0	55.0	55.0	52.0	55.0	56.0	54.0	57.0	56.0	57.0	61.0	59.0
Monday, 10 October, 2022	**283**	60.0	62.0	60.0	62.0	61.0	61.0	60.0	56.0	54.0	51.0	50.0	49.0	47.0	47.0	49.0	44.0	43.0	40.0	40.0	40.0	42.0	34.0	34.0	31.0
Tuesday, 11 October, 2022	**284**	34.0	33.0	34.0	34.0	36.0	36.0	38.0	37.0	35.0	33.0	32.0	34.0	34.0	34.0	35.0	35.0	45.0	50.0	57.0	59.0	56.0	53.0	51.0	54.0
Wednesday, 12 October, 2022	**285**	54.0	55.0	55.0	52.0	48.0	44.0	43.0	39.0	36.0	34.0	32.0	37.0	35.0	35.0	31.0	29.0	38.0	41.0	40.0	47.0	46.0	53.0	62.0	68.0
Thursday, 13 October, 2022	**286**	66.0	65.0	63.0	57.0	53.0	47.0	44.0	42.0	39.0	37.0	40.0	39.0	37.0	37.0	40.0	44.0	53.0	58.0	59.0	61.0	63.0	65.0	73.0	73.0
Friday, 14 October, 2022	**287**	74.0	75.0	80.0	86.0	89.0	89.0	84.0	77.0	52.0	51.0	45.0	49.0	44.0	43.0	41.0	43.0	53.0	60.0	66.0	68.0	70.0	73.0	74.0	75.0
Saturday, 15 October, 2022	**288**	77.0	82.0	87.0	89.0	83.0	57.0	57.0	51.0	47.0	43.0	41.0	39.0	39.0	39.0	39.0	39.0	41.0	41.0	42.0	45.0	46.0	45.0	43.0	42.0
Sunday, 16 October, 2022	**289**	44.0	45.0	47.0	47.0	46.0	43.0	42.0	42.0	39.0	39.0	37.0	39.0	38.0	40.0	42.0	44.0	45.0	49.0	51.0	43.0	43.0	44.0	45.0	44.0
Monday, 17 October, 2022	**290**	42.0	42.0	41.0	39.0	37.0	35.0	35.0	36.0	39.0	40.0	43.0	47.0	45.0	46.0	48.0	47.0	51.0	52.0	49.0	49.0	45.0	37.0	34.0	35.0
Tuesday, 18 October, 2022	**291**	33.0	34.0	35.0	38.0	42.0	51.0	49.0	61.0	53.0	53.0	58.0	68.0	82.0	87.0	88.0	92.0	95.0	97.0	97.0	91.0	92.0	95.0	91.0	87.0
Wednesday, 19 October, 2022	**292**	83.0	79.0	67.0	61.0	57.0	56.0	48.0	49.0	42.0	37.0	35.0	36.0	37.0	41.0	41.0	42.0	46.0	48.0	54.0	51.0	51.0	51.0	49.0	57.0
Thursday, 20 October, 2022	**293**	64.0	66.0	65.0	63.0	62.0	56.0	59.0	57.0	54.0	51.0	52.0	52.0	51.0	54.0	55.0	59.0	62.0	64.0	65.0	68.0	69.0	69.0	71.0	71.0
Friday, 21 October, 2022	**294**	69.0	69.0	71.0	70.0	70.0	74.0	77.0	75.0	65.0	53.0	50.0	47.0	51.0	50.0	52.0	55.0	59.0	68.0	72.0	73.0	73.0	77.0	79.0	79.0
Saturday, 22 October, 2022	**295**	84.0	86.0	86.0	85.0	88.0	89.0	92.0	83.0	74.0	60.0	48.0	43.0	41.0	42.0	44.0	53.0	54.0	56.0	58.0	63.0	68.0	68.0	68.0	69.0
Sunday, 23 October, 2022	**296**	73.0	74.0	77.0	78.0	79.0	83.0	84.0	85.0	67.0	62.0	46.0	46.0	61.0	46.0	60.0	64.0	77.0	80.0	81.0	79.0	76.0	72.0	74.0	76.0
Monday, 24 October, 2022	**297**	79.0	75.0	69.0	77.0	77.0	80.0	81.0	80.0	73.0	67.0	56.0	63.0	65.0	64.0	66.0	67.0	65.0	67.0	67.0	69.0	70.0	70.0	71.0	70.0
Tuesday, 25 October, 2022	**298**	73.0	73.0	71.0	73.0	67.0	69.0	66.0	58.0	57.0	50.0	44.0	41.0	47.0	52.0	52.0	51.0	55.0	62.0	67.0	68.0	72.0	69.0	67.0	71.0
Wednesday, 26 October, 2022	**299**	71.0	70.0	70.0	71.0	69.0	70.0	72.0	62.0	58.0	51.0	47.0	53.0	49.0	48.0	48.0	54.0	60.0	63.0	67.0	66.0	71.0	75.0	75.0	76.0
Thursday, 27 October, 2022	**300**	77.0	77.0	76.0	77.0	82.0	84.0	86.0	74.0	68.0	60.0	51.0	51.0	50.0	48.0	58.0	58.0	63.0	67.0	71.0	75.0	70.0	70.0	76.0	78.0
Friday, 28 October, 2022	**301**	77.0	74.0	75.0	68.0	74.0	76.0	79.0	74.0	70.0	62.0	52.0	53.0	47.0	44.0	48.0	52.0	64.0	70.0	75.0	73.0	73.0	76.0	78.0	78.0
Saturday, 29 October, 2022	**302**	80.0	78.0	79.0	73.0	75.0	72.0	70.0	65.0	61.0	57.0	55.0	51.0	49.0	49.0	49.0	52.0	54.0	56.0	56.0	57.0	61.0	60.0	58.0	60.0
Sunday, 30 October, 2022	**303**	61.0	62.0	63.0	65.0	64.0	65.0	64.0	64.0	60.0	57.0	54.0	52.0	52.0	50.0	51.0	48.0	51.0	53.0	52.0	53.0	57.0	56.0	55.0	56.0
Monday, 31 October, 2022	**304**	58.0	58.0	57.0	58.0	58.0	58.0	58.0	57.0	54.0	50.0	48.0	54.0	50.0	50.0	49.0	48.0	47.0	47.0	47.0	46.0	43.0	42.0	43.0	45.0

Appendix F4 - Vehicular Emissions from Internal and External Roads (Temperature and Humidity Adopted)

Minimum Temperature: 7°C
Minimum Relative Humidity: 18%

Relative Humidity (%)	Julian Day	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
Tuesday, 1 November, 2022	**305**	46.0	48.0	48.0	50.0	51.0	52.0	52.0	53.0	53.0	50.0	52.0	52.0	55.0	56.0	76.0	78.0	79.0	97.0	95.0	92.0	85.0	80.0	77.0	78.0
Wednesday, 2 November, 2022	**306**	79.0	77.0	86.0	80.0	81.0	87.0	96.0	96.0	96.0	96.0	95.0	97.0	96.0	95.0	93.0	97.0	96.0	94.0	96.0	98.0	98.0	99.0	99.0	99.0
Thursday, 3 November, 2022	**307**	99.0	99.0	96.0	97.0	99.0	99.0	99.0	99.0	99.0	97.0	97.0	91.0	90.0	86.0	84.0	86.0	88.0	93.0	96.0	95.0	92.0	88.0	93.0	95.0
Friday, 4 November, 2022	**308**	96.0	99.0	99.0	99.0	99.0	100.0	99.0	99.0	97.0	89.0	86.0	83.0	81.0	80.0	84.0	85.0	89.0	89.0	86.0	89.0	88.0	89.0	87.0	86.0
Saturday, 5 November, 2022	**309**	89.0	87.0	89.0	92.0	95.0	97.0	97.0	95.0	88.0	88.0	81.0	80.0	77.0	76.0	77.0	78.0	78.0	78.0	78.0	77.0	76.0	77.0	78.0	78.0
Sunday, 6 November, 2022	**310**	80.0	89.0	94.0	92.0	89.0	95.0	95.0	93.0	92.0	91.0	89.0	82.0	83.0	88.0	89.0	88.0	88.0	90.0	95.0	99.0	98.0	96.0	96.0	98.0
Monday, 7 November, 2022	**311**	100.0	100.0	100.0	100.0	99.0	99.0	99.0	98.0	98.0	95.0	95.0	93.0	90.0	88.0	86.0	85.0	87.0	88.0	89.0	88.0	90.0	88.0	93.0	96.0
Tuesday, 8 November, 2022	**312**	98.0	99.0	99.0	100.0	100.0	100.0	100.0	99.0	99.0	95.0	93.0	89.0	87.0	85.0	84.0	84.0	84.0	87.0	88.0	91.0	91.0	90.0	91.0	92.0
Wednesday, 9 November, 2022	**313**	93.0	93.0	96.0	96.0	95.0	94.0	95.0	92.0	86.0	79.0	76.0	74.0	72.0	75.0	74.0	73.0	81.0	87.0	89.0	88.0	90.0	90.0	87.0	88.0
Thursday, 10 November, 2022	**314**	87.0	87.0	88.0	90.0	91.0	90.0	92.0	90.0	81.0	81.0	78.0	79.0	73.0	77.0	70.0	73.0	83.0	86.0	90.0	92.0	92.0	90.0	91.0	91.0
Friday, 11 November, 2022	**315**	88.0	86.0	89.0	86.0	84.0	88.0	87.0	89.0	85.0	75.0	70.0	69.0	68.0	64.0	61.0	67.0	77.0	85.0	89.0	90.0	91.0	90.0	90.0	89.0
Saturday, 12 November, 2022	**316**	92.0	91.0	90.0	89.0	93.0	93.0	93.0	93.0	84.0	83.0	86.0	83.0	76.0	75.0	76.0	80.0	77.0	80.0	84.0	87.0	90.0	91.0	92.0	94.0
Sunday, 13 November, 2022	**317**	96.0	97.0	97.0	97.0	96.0	95.0	97.0	91.0	82.0	76.0	67.0	64.0	65.0	65.0	67.0	72.0	77.0	79.0	82.0	87.0	91.0	90.0	91.0	92.0
Monday, 14 November, 2022	**318**	84.0	83.0	82.0	83.0	83.0	80.0	78.0	79.0	78.0	79.0	74.0	76.0	74.0	72.0	70.0	75.0	79.0	80.0	83.0	84.0	85.0	87.0	86.0	84.0
Tuesday, 15 November, 2022	**319**	83.0	80.0	80.0	80.0	83.0	85.0	86.0	85.0	71.0	70.0	69.0	69.0	72.0	75.0	71.0	71.0	75.0	79.0	83.0	87.0	86.0	85.0	87.0	87.0
Wednesday, 16 November, 2022	**320**	91.0	92.0	91.0	84.0	83.0	85.0	85.0	82.0	76.0	73.0	69.0	72.0	73.0	70.0	69.0	74.0	77.0	75.0	78.0	77.0	78.0	80.0	80.0	81.0
Thursday, 17 November, 2022	**321**	79.0	83.0	84.0	84.0	87.0	86.0	85.0	82.0	78.0	73.0	76.0	74.0	78.0	72.0	70.0	74.0	76.0	84.0	86.0	88.0	89.0	88.0	88.0	88.0
Friday, 18 November, 2022	**322**	86.0	88.0	90.0	93.0	95.0	94.0	94.0	90.0	80.0	75.0	68.0	68.0	68.0	69.0	65.0	67.0	80.0	83.0	79.0	79.0	78.0	76.0	82.0	83.0
Saturday, 19 November, 2022	**323**	85.0	85.0	85.0	86.0	87.0	86.0	86.0	83.0	74.0	69.0	60.0	63.0	63.0	62.0	64.0	69.0	75.0	81.0	84.0	89.0	89.0	89.0	91.0	88.0
Sunday, 20 November, 2022	**324**	90.0	93.0	94.0	95.0	94.0	93.0	90.0	81.0	79.0	73.0	65.0	62.0	64.0	63.0	64.0	67.0	72.0	78.0	78.0	77.0	71.0	77.0	78.0	81.0
Monday, 21 November, 2022	**325**	82.0	82.0	78.0	81.0	81.0	80.0	83.0	81.0	80.0	75.0	73.0	71.0	70.0	71.0	69.0	70.0	75.0	84.0	79.0	79.0	82.0	81.0	82.0	82.0
Tuesday, 22 November, 2022	**326**	81.0	78.0	79.0	81.0	84.0	93.0	91.0	94.0	86.0	85.0	80.0	79.0	79.0	79.0	80.0	81.0	83.0	84.0	85.0	85.0	86.0	86.0	87.0	87.0
Wednesday, 23 November, 2022	**327**	89.0	94.0	94.0	94.0	93.0	92.0	94.0	95.0	95.0	95.0	94.0	97.0	94.0	94.0	96.0	95.0	92.0	94.0	91.0	88.0	87.0	85.0	85.0	84.0
Thursday, 24 November, 2022	**328**	85.0	85.0	84.0	84.0	84.0	86.0	86.0	88.0	88.0	88.0	88.0	95.0	94.0	94.0	93.0	91.0	94.0	95.0	96.0	98.0	99.0	99.0	99.0	99.0
Friday, 25 November, 2022	**329**	99.0	96.0	95.0	97.0	96.0	96.0	94.0	94.0	90.0	89.0	85.0	81.0	85.0	83.0	86.0	88.0	90.0	93.0	98.0	98.0	97.0	96.0	94.0	94.0
Saturday, 26 November, 2022	**330**	94.0	94.0	94.0	95.0	97.0	96.0	96.0	98.0	96.0	96.0	96.0	93.0	96.0	95.0	92.0	94.0	94.0	92.0	91.0	91.0	90.0	86.0	87.0	80.0
Sunday, 27 November, 2022	**331**	82.0	83.0	82.0	81.0	90.0	90.0	88.0	89.0	90.0	90.0	83.0	86.0	87.0	87.0	89.0	89.0	92.0	97.0	97.0	97.0	97.0	97.0	95.0	96.0
Monday, 28 November, 2022	**332**	97.0	97.0	98.0	99.0	99.0	98.0	99.0	100.0	100.0	95.0	92.0	86.0	81.0	78.0	79.0	81.0	88.0	90.0	92.0	95.0	95.0	96.0	96.0	96.0
Tuesday, 29 November, 2022	**333**	95.0	95.0	96.0	95.0	95.0	95.0	97.0	94.0	84.0	78.0	73.0	69.0	70.0	67.0	62.0	67.0	75.0	82.0	85.0	89.0	90.0	92.0	92.0	92.0
Wednesday, 30 November, 2022	**334**	93.0	94.0	95.0	96.0	96.0	97.0	98.0	98.0	82.0	83.0	71.0	73.0	73.0	75.0	74.0	75.0	80.0	76.0	74.0	73.0	72.0	70.0	71.0	73.0
Thursday, 1 December, 2022	**335**	72.0	72.0	69.0	70.0	68.0	69.0	68.0	68.0	68.0	66.0	63.0	62.0	61.0	65.0	67.0	71.0	73.0	74.0	75.0	75.0	75.0	72.0	70.0	68.0
Friday, 2 December, 2022	**336**	77.0	75.0	69.0	70.0	69.0	69.0	68.0	73.0	71.0	67.0	64.0	58.0	59.0	59.0	56.0	58.0	62.0	64.0	64.0	65.0	66.0	67.0	66.0	66.0
Saturday, 3 December, 2022	**337**	66.0	68.0	69.0	72.0	75.0	76.0	76.0	75.0	72.0	70.0	66.0	64.0	63.0	64.0	68.0	70.0	72.0	73.0	73.0	73.0	72.0	73.0	73.0	74.0
Sunday, 4 December, 2022	**338**	76.0	76.0	79.0	80.0	84.0	85.0	85.0	85.0	82.0	77.0	72.0	71.0	68.0	69.0	65.0	70.0	71.0	73.0	73.0	74.0	74.0	76.0	75.0	70.0
Monday, 5 December, 2022	**339**	71.0	72.0	72.0	73.0	74.0	74.0	75.0	74.0	73.0	70.0	68.0	68.0	61.0	59.0	60.0	58.0	62.0	63.0	63.0	63.0	64.0	65.0	62.0	62.0
Tuesday, 6 December, 2022	**340**	63.0	63.0	64.0	64.0	64.0	65.0	64.0	64.0	63.0	61.0	60.0	58.0	58.0	56.0	54.0	57.0	60.0	68.0	71.0	71.0	71.0	69.0	68.0	69.0
Wednesday, 7 December, 2022	**341**	68.0	68.0	68.0	70.0	72.0	74.0	75.0	73.0	n/a	65.0	59.0	55.0	54.0	54.0	54.0	56.0	61.0	68.0	69.0	66.0	67.0	68.0	69.0	70.0
Thursday, 8 December, 2022	**342**	71.0	72.0	75.0	77.0	77.0	78.0	78.0	77.0	70.0	66.0	61.0	58.0	56.0	57.0	56.0	60.0	64.0	69.0	73.0	76.0	76.0	80.0	81.0	82.0
Friday, 9 December, 2022	**343**	75.0	77.0	77.0	82.0	80.0	79.0	77.0	72.0	68.0	63.0	58.0	56.0	54.0	54.0	53.0	55.0	59.0	64.0	67.0	67.0	68.0	69.0	69.0	68.0
Saturday, 10 December, 2022	**344**	68.0	69.0	68.0	68.0	67.0	68.0	69.0	66.0	62.0	60.0	57.0	55.0	53.0	50.0	44.0	45.0	48.0	51.0	52.0	52.0	50.0	50.0	51.0	55.0
Sunday, 11 December, 2022	**345**	54.0	57.0	58.0	58.0	59.0	60.0	60.0	60.0	59.0	54.0	51.0	51.0	53.0	54.0	54.0	56.0	58.0	58.0	59.0	57.0	58.0	57.0	58.0	60.0
Monday, 12 December, 2022	**346**	60.0	62.0	62.0	62.0	63.0	63.0	63.0	64.0	64.0	62.0	62.0	60.0	55.0	55.0	54.0	56.0	57.0	54.0	57.0	56.0	57.0	54.0	52.0	53.0
Tuesday, 13 December, 2022	**347**	52.0	52.0	53.0	54.0	56.0	57.0	57.0	58.0	58.0	56.0	56.0	54.0	54.0	55.0	57.0	78.0	85.0	88.0	94.0	97.0	97.0	97.0	98.0	97.0
Wednesday, 14 December, 2022	**348**	98.0	98.0	99.0	98.0	98.0	98.0	98.0	97.0	97.0	96.0	96.0	97.0	97.0	98.0	98.0	97.0	96.0	96.0	95.0	93.0	89.0	88.0	88.0	92.0
Thursday, 15 December, 2022	**349**	95.0	97.0	97.0	97.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	95.0	95.0	98.0	98.0	97.0	98.0	99.0	99.0	97.0	97.0	97.0	98.0	98.0
Friday, 16 December, 2022	**350**	99.0	98.0	99.0	100.0	100.0	99.0	98.0	98.0	97.0	100.0	99.0	100.0	99.0	98.0	97.0	96.0	98.0	99.0	99.0	99.0	100.0	100.0	99.0	100.0
Saturday, 17 December, 2022	**351**	100.0	99.0	97.0	97.0	95.0	93.0	86.0	88.0	85.0	78.0	70.0	63.0	59.0	57.0	52.0	52.0	52.0	51.0	44.0	43.0	40.0	36.0	31.0	30.0
Sunday, 18 December, 2022	**352**	23.0	26.0	29.0	30.0	32.0	23.0	26.0	23.0	21.0	19.0	18.0	19.0	21.0	21.0	23.0	22.0	26.0	40.0	43.0	40.0	40.0	30.0	28.0	35.0
Monday, 19 December, 2022	**353**	37.0	35.0	38.0	39.0	39.0	38.0	37.0	36.0	33.0	30.0	31.0	29.0	28.0	28.0	27.0	32.0	46.0	52.0	57.0	58.0	60.0	62.0	67.0	70.0
Tuesday, 20 December, 2022	**354**	66.0	74.0	77.0	78.0	80.0	77.0	78.0	75.0	59.0	54.0	52.0	50.0	50.0	51.0	52.0	54.0	58.0	67.0	71.0	63.0	60.0	60.0	61.0	57.0
Wednesday, 21 December, 2022	**355**	52.0	58.0	63.0	56.0	59.0	62.0	66.0	63.0	57.0	48.0	40.0	36.0	34.0	32.0	32.0	34.0	36.0	37.0	36.0	36.0	41.0	49.0	55.0	36.0
Thursday, 22 December, 2022	**356**	36.0	33.0	33.0	31.0	30.0	33.0	39.0	36.0	35.0	30.0	24.0	22.0	20.0	22.0	20.0	19.0	26.0	28.0	29.0	34.0	42.0	41.0	38.0	32.0
Friday, 23 December, 2022	**357**	33.0	33.0	34.0	36.0	36.0	36.0	35.0	34.0	30.0	27.0	24.0	24.0	21.0	21.0	25.0	28.0	44.0	46.0	42.0	47.0	45.0	38.0	39.0	44.0
Saturday, 24 December, 2022	**358**	49.0	48.0	42.0	42.0	41.0	38.0	35.0	32.0	30.0	27.0	25.0	23.0	22.0	20.0	19.0	24.0	43.0	54.0	53.0	52.0	44.0	46.0	50.0	55.0
Sunday, 25 December, 2022	**359**	61.0	71.0	53.0	48.0	40.0	40.0	48.0	51.0	42.0	39.0	36.0	31.0	36.0	39.0	39.0	41.0	47.0	52.0	58.0	56.0	60.0	62.0	64.0	66.0
Monday, 26 December, 2022	**360**	72.0	76.0	78.0	77.0	73.0	75.0	77.0	79.0	68.0	61.0	53.0	46.0	48.0	41.0	44.0	45.0	56.0	59.0	65.0	69.0	71.0	71.0	72.0	72.0
Tuesday, 27 December, 2022	**361**	71.0	74.0	78.0	79.0	80.0	83.0	83.0	80.0	68.0	60.0	53.0	46.0	47.0	49.0	53.0	57.0	59.0	62.0	68.0	72.0	76.0	78.0	79.0	81.0
Wednesday, 28 December, 2022	**362**	83.0	84.0	85.0	87.0	83.0	86.0	88.0	76.0	65.0	58.0	54.0	47.0	46.0	45.0	44.0	43.0	48.0	55.0	56.0	53.0	52.0	55.0	52.0	51.0
Thursday, 29 December, 2022	**363**	52.0	50.0	52.0	54.0	55.0	53.0	52.0	54.0	61.0	53.0	55.0	53.0	47.0	46.0	48.0	49.0	53.0	57.0	55.0	57.0	57.0	59.0	64.0	63.0
Friday, 30 December, 2022	**364**	60.0	63.0	64.0	65.0	66.0	65.0	65.0	65.0	62.0	58.0	57.0	51.0	51.0	51.0	48.0	50.0	54.0	58.0	60.0	59.0	64.0	58.0	61.0	59.0
Saturday, 31 December, 2022	**365**	62.0	64.0	65.0	68.0	68.0	69.0	70.0	69.0	64.0	59.0	56.0	53.0	50.0	49.0	48.0	53.0	55.0	59.0	58.0	60.0	62.0	64.0	65.0	63.0

APPENDIX G CALCULATIONS OF LAND USE PARAMETERS

Appendix G - Detailed Calculations of albedo, Bowen Ratio and Surface Roughness

Land Cover	Area (km^2)	Fraction of Total Area (%)	albedo (r)	Bowen Ratio (Bo)
High Intensity Residential	7.28	7.28%	0.180	1.500
Low Intensity Residential	0.27	0.27%	0.165	0.900
Deciduous Forest	21.14	21.14%	0.163	0.750
Open Water	63.12	63.12%	0.100	0.100
Commercial/Industrial/Transport (Site at Airport)	4.95	4.95%	0.180	1.500
Commercial/Industrial/Transport (Not at Airport)	2.94	2.94%	0.180	1.500
Quarries/Strip Mines/Gravel (Fill Bank)	0.29	0.29%	0.200	1.500
Average:			**0.126**	**0.234**

Notes:

(a) Albedo was calculated based on the area-weighted arithmetic mean within 10km x 10km area from the Project Site. With reference to Table A-1 of the AERSURFACE User's Guide 2008 (revised in 2013), the albedo for high intensity residential (Class 22 - High Intensity Residential), low intensity residential (Class 21 - Low Intensity Residential), water area (Class 11 - Open Water), industrial/transport area (Class 23 - Commercial/Industrial/Transport (Not at Airport)), industrial/transport area (Class 23 - Commercial/Industrial/Transport (Site at Airport)), fill bank (Class 32 - Quarries/Strip Mines/Gravel) and tree area (Class 41 - Deciduous Forest) is assumed to be 0.18. 0.165, 0.1, 0.18, 0.18, 0.2 and 0.163 respectively.

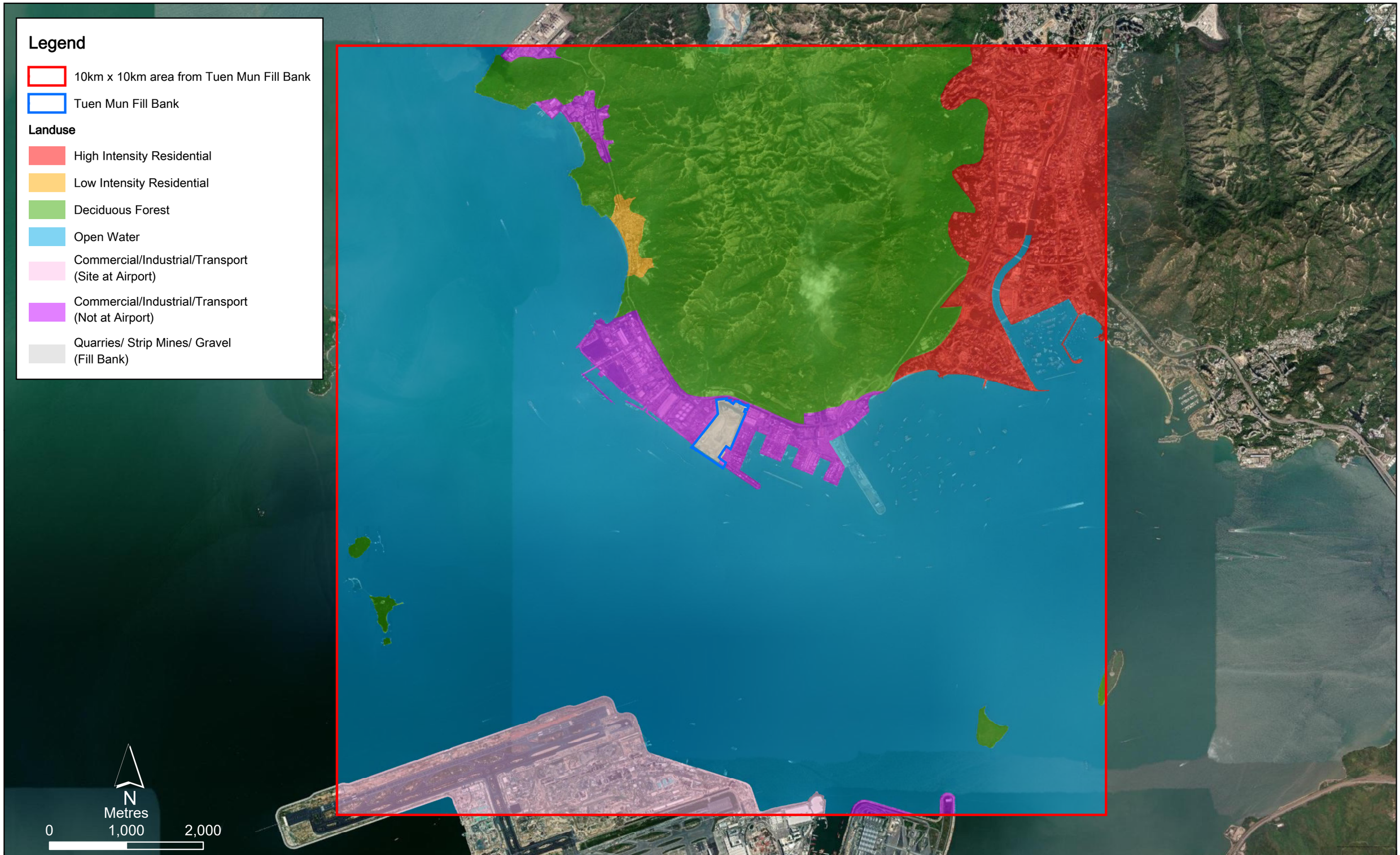
(b) Bowen ratio was calculated based on the area-weighted geometric mean within 10km x 10km area from the Project Site. Considering the climate in Hong Kong covers dry and wet season throughout the year, bowen ratios for average moisture conditions have been adopted. With reference to Table A-2 of the AERSURFACE User's Guide 2008 (revised in 2013), the bowen ratio for high intensity residential (Class 22 - High Intensity Residential), low intensity residential (Class 21 - Low Intensity Residential), water area (Class 11 - Open Water), industrial/transport area (Class 23 - Commercial/Industrial/Transport (Not at Airport)), industrial/transport area (Class 23 - Commercial/Industrial/Transport (Site at Airport)), fill bank (Class 32 - Quarries/Strip Mines/Gravel) and tree area (Class 41 - Deciduous Forest) is assumed to be 1.5, 0.9, 0.1, 1.5, 1.5, 1.5 and 0.75 respectively.

Appendix G - Detailed Calculations of Albedo, Bowen Ratio and Surface Roughness

PATH Grid	Sector (degree)	Land Use Type	Area (km^2)	Fraction of Section Total Area	Distance (km)	Weighting	Surface Roughness (Zo) [(a)]	Resultant Surface Roughness (Zo) (m) [(a)]	albedo (r)	Bowen Ratio (Bo)
15, 38	20 - 60	Commercial/Industrial/Transport (Not at Airport)	0.091	0.261	0.355	0.736	0.700	0.641	0.126	0.234
		Deciduous Forest	0.258	0.739	0.760	0.973	0.600			
	60 - 90	Quarries/Strip Mines/Gravel (Fill Bank)	0.150	0.571	0.502	1.138	0.300	0.388	0.126	0.234
		Commercial/Industrial/Transport (Not at Airport)	0.112	0.429	0.869	0.493	0.700			
	90 - 135	Quarries/Strip Mines/Gravel (Fill Bank)	0.158	0.402	0.411	0.977	0.300	0.130	0.126	0.234
		Commercial/Industrial/Transport (Not at Airport)	0.123	0.313	0.725	0.432	0.700			
		Open Water	0.112	0.285	0.902	0.316	0.001			
	135 - 165	Quarries/Strip Mines/Gravel (Fill Bank)	0.056	0.214	0.366	0.583	0.300	0.008	0.126	0.234
		Open Water	0.206	0.786	0.740	1.063	0.001			
	165 - 295	Commercial/Industrial/Transport (Not at Airport)	0.065	0.057	0.176	0.324	0.700	0.003	0.126	0.234
		Open Water	1.070	0.943	0.557	1.693	0.001			
	295 - 340	Commercial/Industrial/Transport (Not at Airport)	0.393		0.650		0.700	0.700	0.126	0.234
	340 - 20	Commercial/Industrial/Transport (Not at Airport)	0.061	0.176	0.276	0.635	0.700	0.634	0.126	0.234
		Deciduous Forest	0.288	0.824	0.734	1.124	0.600			
15, 39	75 - 155	Quarries/Strip Mines/Gravel (Fill Bank)	0.319	0.456	0.412	1.109	0.300	0.416	0.126	0.234
		Commercial/Industrial/Transport (Not at Airport)	0.379	0.544	0.784	0.693	0.700			
	155 - 185	Quarries/Strip Mines/Gravel (Fill Bank)	0.105	0.402	0.433	0.929	0.300	0.024	0.126	0.234
		Open Water	0.156	0.598	0.812	0.736	0.001			
	185 - 280	Commercial/Industrial/Transport (Not at Airport)	0.222	0.268	0.330	0.812	0.700	0.017	0.126	0.234
		Open Water	0.607	0.732	0.696	1.052	0.001			
	280 - 325	Commercial/Industrial/Transport (Not at Airport)	0.393		0.650		0.700	0.700	0.126	0.234
	325 - 75	Deciduous Forest	0.960		0.569		0.600	0.600	0.126	0.234
16, 39	100 - 170	Quarries/Strip Mines/Gravel (Fill Bank)	0.165	0.271	0.346	0.783	0.300	0.482	0.126	0.234
		Commercial/Industrial/Transport (Not at Airport)	0.445	0.729	0.733	0.995	0.700			
	170 - 205	Quarries/Strip Mines/Gravel (Fill Bank)	0.152	0.498	0.469	1.061	0.300	0.039	0.126	0.234
		Open Water	0.153	0.502	0.843	0.596	0.001			
	205 - 265	Commercial/Industrial/Transport (Not at Airport)	0.239	0.456	0.438	1.042	0.700	0.053	0.126	0.234
		Open Water	0.285	0.544	0.806	0.674	0.001			
	265 - 310	Commercial/Industrial/Transport (Not at Airport)	0.393		0.650		0.700	0.700	0.126	0.234
	310 - 100	Deciduous Forest	1.309		0.492		0.600	0.600	0.126	0.234

Note:

(a) With reference to Table A-3 of the AERSURFACE User's Guide 2008 (revised in 2013), the surface roughness value for Class 11 - Open Water, Class 23 - Commercial/Industrial/Transport (Not at Airport), Class 32 - Quarries/Strip Mines/Gravel (Fill Bank), Class 41 - Deciduous Forest are assumed to be 0.001m, 0.7m, 0.3m and 0.6m, respectively. With the height of tree assumed to be 6m on average, the surface roughness value of 0.6m has been adopted for tree based on the fact that the surface roughness value can be estimated as about 10% of the average height of physical structures. For sector consisting of 2 or more different land use types, the resultant surface roughness length for the sector is calculated based on the inverse-distance weighted geometric mean.



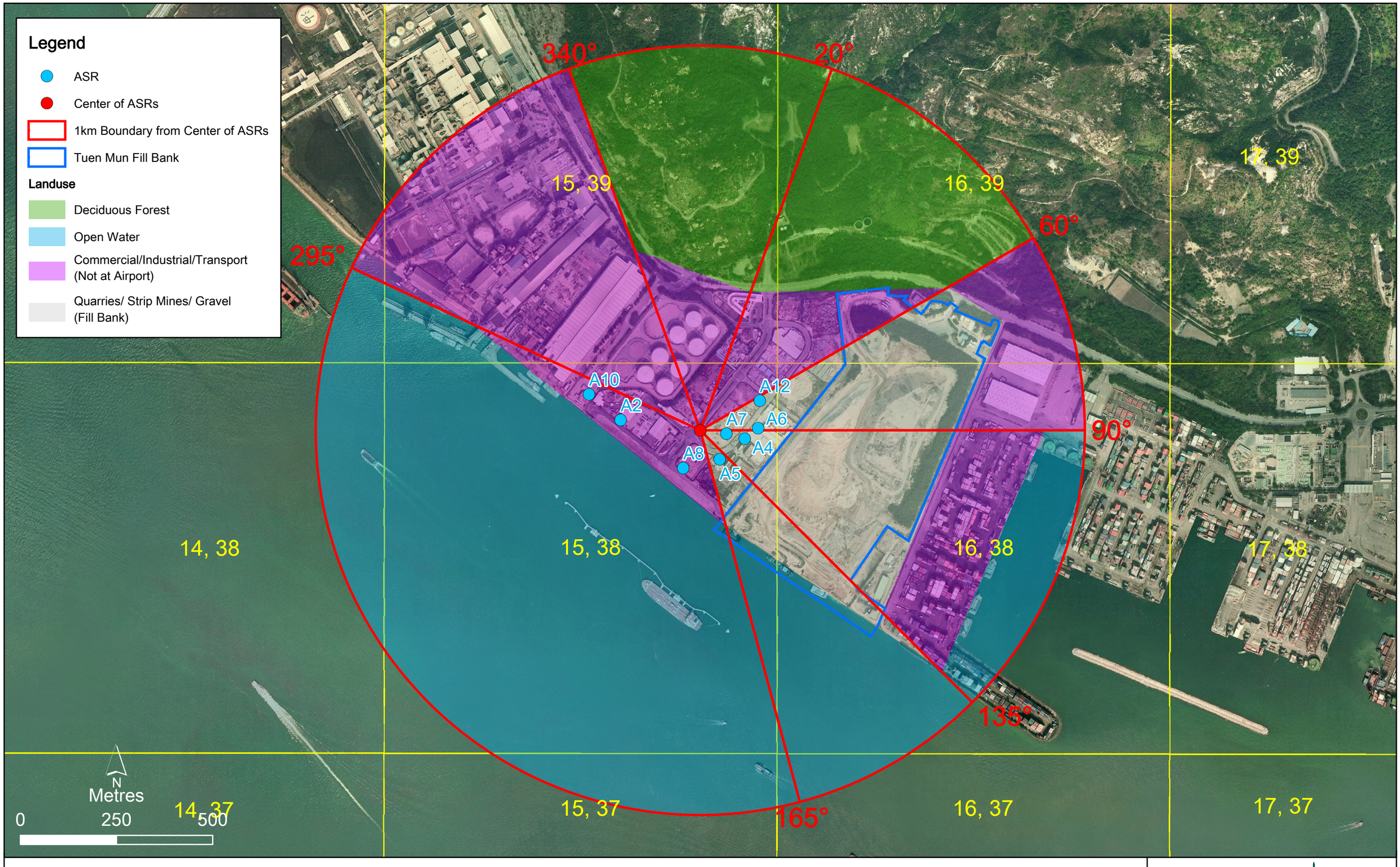
Appendix G

10km x 10km Area from TMFB Site Boundary

File: T:\GIS\CONTRACT\0685896\mxd\Landuse\0685896_TMFB_10km_Area.mxd
Date: 27/7/2023

Environmental Resources Management

ERM



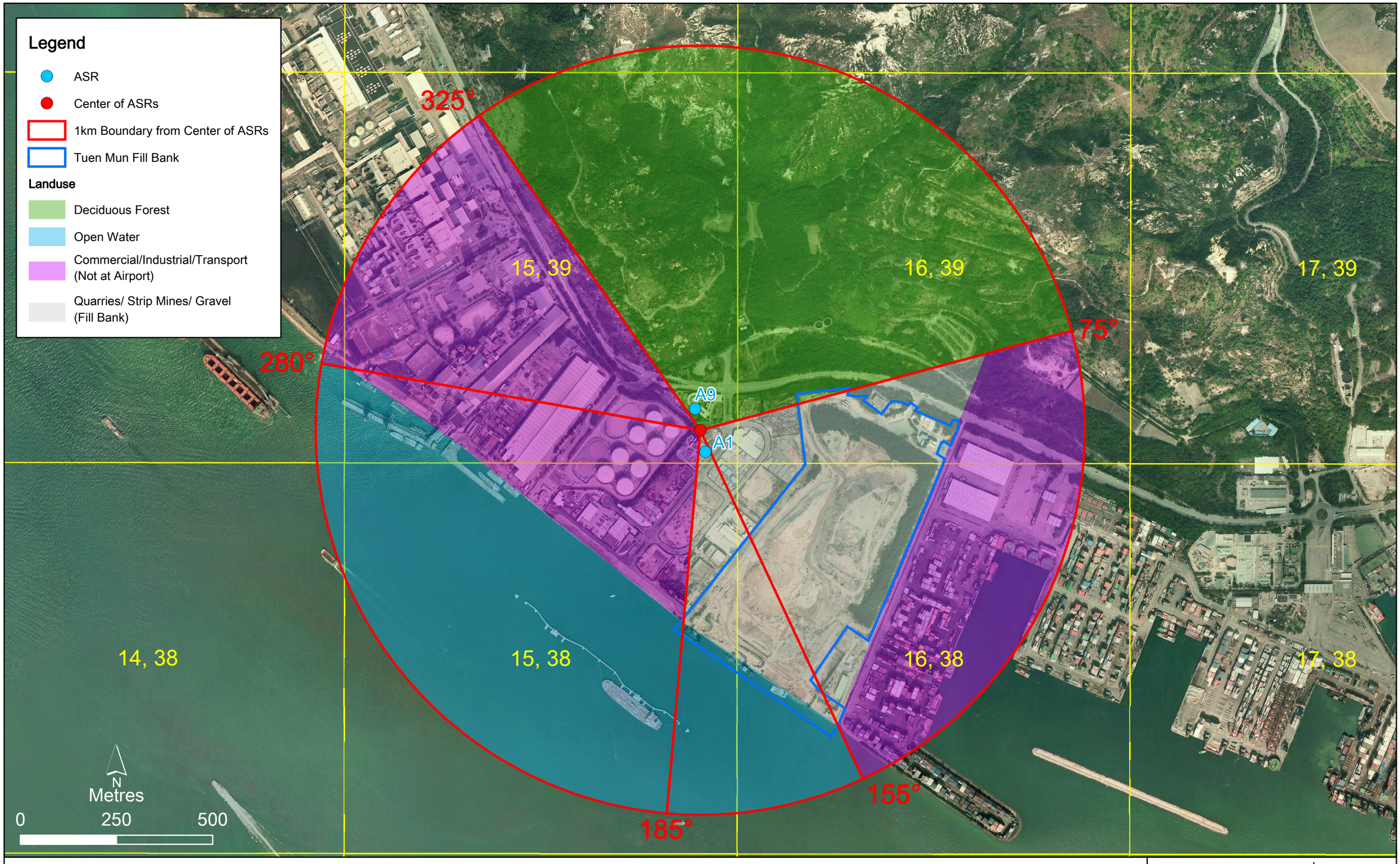
Appendix G

Sectors of Land Use for PATH Grid 15,38

File: T:\GIS\CONTRACT\0685896\mxd\Landuse\0685896_PATH_1538.mxd
Date: 27/7/2023

Environmental Resources Management

ERM



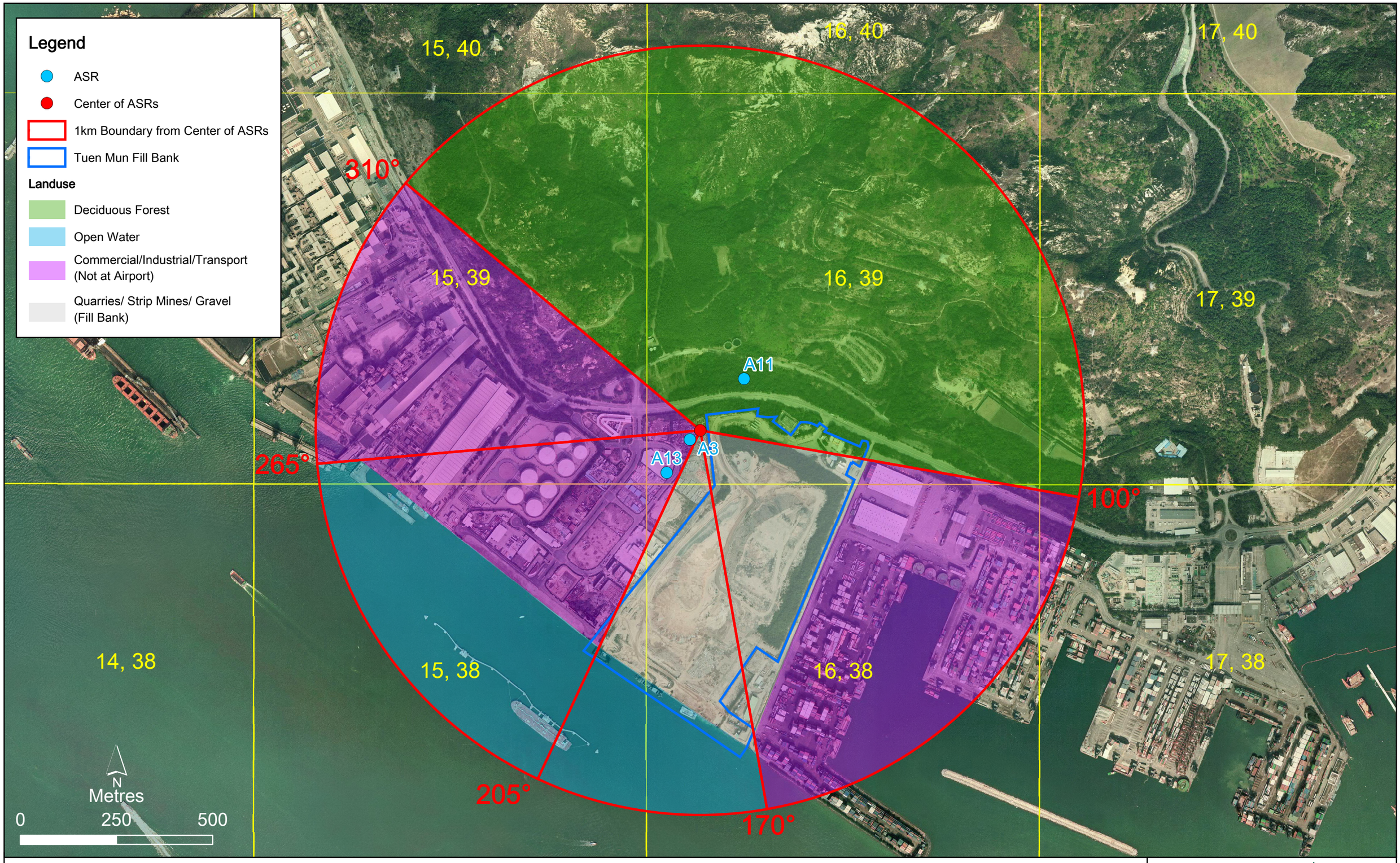
Appendix G

Sectors of Land Use for PATH Grid 15,39

File: T:\GIS\CONTRACT\0685896\mxd\Landuse\0685896_PATH_1539.mxd
Date: 27/7/2023

Environmental Resources Management

ERM



Appendix G

Sectors of Land Use for PATH Grid 16,39

File: T:\GIS\CONTRACT\0685896\mxd\Landuse\0685896_PATH_1639.mxd
Date: 27/7/2023

Environmental Resources Management

ERM

APPENDIX H ROAD CONFIGURATIONS FOR CALINE4 MODEL

Appendix H - CALINE4 Input Configuration

Year: 2024-2028 | Base mPD: 5.0

No.	Order No. in CALINE4 Model	Road Link Index	CALINE4 Model Road Link ID	Road Name	Starting Co-ordinate		Ending Co-ordinate		Average Width	Average Height	Model Width	Model Height	Road Type	Road Code	Remarks
					X	Y	X	Y	(m)	(mPD)	(m)	(m)			
1	1	TM-2(N)	TM02N1	Access Road To River Trade Terminal From Lung Mun Road	811729.11	825378.45	811764.40	825464.74	10.0	7.2	16.0	2.2	At Grade	1	-
2	2	TM-2(S)	TM02S1	Access Road To River Trade Terminal From Lung Mun Road	811776.10	825459.31	811742.82	825373.78	10.0	7.2	16.0	2.2	At Grade	1	-
3	3	TM-3(E)	TM03E1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	811499.89	825582.43	811770.68	825461.81	7.5	8.0	13.5	3.0	At Grade	1	-
4	4	TM-3(W)	TM03W1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	811765.60	825452.64	811492.44	825571.56	7.5	8.0	13.5	3.0	At Grade	1	-
5	5	TM-5(E)	TM05E1	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810875.66	825655.48	810972.53	825663.87	7.5	6.7	13.5	1.7	At Grade	1	-
6	6	TM-5(E)	TM05E2	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810972.53	825663.87	811058.49	825682.14	7.5	7.0	13.5	2.0	At Grade	1	-
7	7	TM-5(E)	TM05E3	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811058.49	825682.14	811142.66	825691.18	7.5	7.1	13.5	2.1	At Grade	1	-
8	8	TM-5(E)	TM05E4	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811142.66	825691.18	811243.10	825682.45	7.5	7.0	13.5	2.0	At Grade	1	-
9	9	TM-5(E)	TM05E5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811243.10	825682.45	811311.02	825663.76	7.5	8.1	13.5	3.1	At Grade	1	-
10	10	TM-5(E)	TM05E6	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811311.02	825663.76	811379.00	825635.14	7.5	7.5	13.5	2.5	At Grade	1	-
11	11	TM-5(W)	TM05W1	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811373.48	825624.79	811307.52	825655.02	7.5	7.5	13.5	2.5	At Grade	1	-
12	12	TM-5(W)	TM05W2	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811307.52	825655.02	811242.15	825672.11	7.5	7.4	13.5	2.4	At Grade	1	-
13	13	TM-5(W)	TM05W3	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811242.15	825672.11	811143.13	825681.23	7.5	6.9	13.5	1.9	At Grade	1	-
14	14	TM-5(W)	TM05W4	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811143.13	825681.23	811060.22	825672.37	7.5	7.0	13.5	2.0	At Grade	1	-
15	15	TM-5(W)	TM05W5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811060.22	825672.37	810974.72	825650.53	7.5	7.0	13.5	2.0	At Grade	1	-
16	16	TM-5(W)	TM05W6	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810974.72	825650.53	810875.98	825641.60	7.5	6.6	13.5	1.6	At Grade	1	-
17	17	TM-6(E)	TM06E1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	811379.00	825635.14	811499.89	825582.43	7.5	7.7	13.5	2.7	At Grade	1	-
18	18	TM-6(W)	TM06W1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	811492.44	825571.56	811373.48	825624.79	7.5	7.7	13.5	2.7	At Grade	1	-
19	19	TM-7(E)	TM07E1	Siu Lang Shui Road Between unnamed Road And TM-8	810952.74	825784.93	811050.74	825798.94	13.0	8.0	19.0	3.0	At Grade	1	-
20	20	TM-7(E)	TM07E2	Siu Lang Shui Road Between unnamed Road And TM-8	811050.74	825798.94	811246.90	825767.37	8.0	8.6	14.0	3.6	At Grade	1	-
21	21	TM-7(E)	TM07E3	Siu Lang Shui Road Between unnamed Road And TM-8	811246.90	825767.37	811343.10	825736.81	8.0	11.5	14.0	6.5	At Grade	1	-
22	22	TM-7(E)	TM07E4	Siu Lang Shui Road Between unnamed Road And TM-8	811343.10	825736.81	811442.76	825681.83	8.0	13.9	14.0	8.9	At Grade	1	-
23	23	TM-7(E)	TM07E5	Siu Lang Shui Road Between unnamed Road And TM-8	811442.76	825681.83	811514.48	825626.26	8.0	15.6	14.0	10.0	At Grade	1	-
24	24	TM-7(W)	TM07W1	Siu Lang Shui Road Between unnamed Road And TM-8	810952.74	825784.93	811050.74	825798.94	13.0	8.0	19.0	3.0	At Grade	1	-
25	25	TM-7(W)	TM07W2	Siu Lang Shui Road Between unnamed Road And TM-8	811050.74	825798.94	811246.90	825767.37	8.0	8.6	14.0	3.6	At Grade	1	-
26	26	TM-7(W)	TM07W3	Siu Lang Shui Road Between unnamed Road And TM-8	811246.90	825767.37	811343.10	825736.81	8.0	11.5	14.0	6.5	At Grade	1	-
27	27	TM-7(W)	TM07W4	Siu Lang Shui Road Between unnamed Road And TM-8	811343.10	825736.81	811442.76	825681.83	8.0	13.9	14.0	8.9	At Grade	1	-
28	28	TM-7(W)	TM07W5	Siu Lang Shui Road Between unnamed Road And TM-8	811442.76	825681.83	811514.48	825626.26	8.0	15.6	14.0	10.0	At Grade	1	-
29	29	TM-8(N)	TM08N1	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810952.74	825784.93	810916.09	825851.49	6.0	8.4	12.0	3.4	At Grade	1	-
30	30	TM-8(N)	TM08N2	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810916.09	825851.49	810946.87	826024.50	6.0	15.0	12.0	10.0	At Grade	1	-
31	31	TM-8(N)	TM08N3	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810946.87	826024.50	810933.82	826126.79	5.0	23.9	11.0	10.0	At Grade	1	-
32	32	TM-8(N)	TM08N4	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810933.82	826126.79	810908.72	826142.49	5.0	24.2	11.0	10.0	At Grade	1	-
33	33	TM-8(S)	TM08S1	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810952.74	825784.93	810916.09	825851.49	6.0	8.4	12.0	3.4	At Grade	1	-
34	34	TM-8(S)	TM08S2	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810916.09	825851.49	810946.87	826024.50	6.0	15.0	12.0	10.0	At Grade	1	-
35	35	TM-8(S)	TM08S3	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810946.87	826024.50	810933.82	826126.79	5.0	23.9	11.0	10.0	At Grade	1	-
36	36	TM-8(S)	TM08S4	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810933.82	826126.79	810908.72	826142.49	5.0	24.2	11.0	10.0	At Grade	1	-
37	37	TM-9(E)	TM09E1	Siu Lang Shui Road Between Lung Fat Street And TM-8	810867.80	825743.55	810952.74	825784.93	13.5	8.0	19.5	3.0	At Grade	1	-
38	38	TM-9(W)	TM09W1	Siu Lang Shui Road Between Lung Fat Street And TM-8	810867.80	825743.55	810952.74	825784.93	13.5	8.0	19.5	3.0	At Grade	1	-
39	39	TM-10(N)	TM10N1	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810870.05	825650.65	810871.63	825719.77	7.5	6.3	13.5	1.3	At Grade	1	-
40	40	TM-10(N)	TM10N2	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810871.63	825719.77	810861.35	825739.85	7.5	6.3	13.5	1.3	At Grade	1	-
41	41	TM-10(S)	TM10S1	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810871.31	825745.33	810880.68	825726.16	8.0	6.5	14.0	1.5	At Grade	1	-
42	42	TM-10(S)	TM10S2	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810880.68	825726.16	810880.84	825649.36	8.0	6.5	14.0	1.5	At Grade	1	-
43	43	TM-11(E)	TM11E1	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810675.61	825686.01	810772.50	825661.81	7.5	7.3	13.5	2.3	At Grade	1	-
44	44	TM-11(E)	TM11E2	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810772.50	825661.81	810875.66	825655.48	7.5	6.7	13.5	1.7	At Grade	1	-
45	45	TM-11(W)	TM11W1	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810875.98	825641.60	810772.05	825649.94	7.5	6.6	13.5	1.6	At Grade	1	-
46	46	TM-11(W)	TM11W2	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810772.05	825649.94	810667.32	825670.40	7.5	7.8	13.5	2.8	At Grade	1	-
47	47	TM-12(N)	TM12N1	Access Road To ECO Park From Lung Mun Road	810869.73	825552.43	810870.05	825650.65	7.5	6.4	13.5	1.4	At Grade	1	-
48	48	TM-12(S)	TM12S1	Access Road To ECO Park From Lung Mun Road	810880.84	825649.36	810881.48	825552.59	7.5	6.4	13.5	1.4	At Grade	1	-
49	49	TM-13(E)	TM13E1	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	810867.80	825743.55	810788.63	825697.99	7.0	6.9	13.0	1.9	At Grade	1	-
50	50	TM-13(W)	TM13W1	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	810867.80	825743.55	810788.63	825697.99	7.0	6.9	13.0	1.9	At Grade	1	-
51	51	TM-14(E)	TM14E1	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810560.94	825751.95	810607.68	825716.27	7.5	7.2	13.5	2.2	At Grade	1	-
52	52	TM-14(E)	TM14E2	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810607.68	825716.27	810675.61	825686.01	8.5	7.6	14.5	2.6	At Grade	1	-
53	53	TM-14(W)	TM14W1	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810667.32	825670.40	810598.94	825702.20	7.5	7.9	13.5	2.9	At Grade	1	-
54	54	TM-14(W)	TM14W2	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810598.94	825702.20	810559.68	825744.95	7.5	7.2	13.5	2.2	At Grade	1	-
55	55	TM-15(E)	TM15E1	Lung Yiu Street Between Lung Hong Street And The Project Boundary	810594.09	825677.45	810553.79	825718.95	7.5	7.0	13.5	2.0	At Grade	1	-
56	56	TM-15(W)	TM15W1	Lung Yiu Street Between Lung Hong Street And The Project Boundary	810594.09	825677.45	810553.79	825718.95	7.5	7.0	13.5	2.0	At Grade	1	-
57	57	TM-16(N)	TM16N1	Lung Hong Street Between Lung Yiu Street And The Project Boundary	810594.09	825677.45	810549.92	825618.15	10.0	7.2	16.0	2.2	At Grade	1	-
58	58	TM-16(S)	TM16S1	Lung Hong Street Between Lung Yiu Street And The Project Boundary	810594.09	825677.45	810549.92	825618.15	10.0	7.2	16.0	2.2	At Grade	1	-
59	59	TM-17(N)	TM17N1	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810675.61	825686.01	810641.25	825636.52	12.0	8.4	18.0	3.4	At Grade	1	-
60	60	TM-17(N)	TM17N2	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810641.25	825636.52	810594.09	825677.45	12.0	7.0	18.0	2.0	At Grade	1	-
61	61	TM-17(S)	TM17S1	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810675.61	825686.01	810641.25	825636.52	12.0	8.4	18.0	3.4	At Grade	1	-
62	62	TM-17(S)	TM17S2	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810641.25	825636.52	810594.09	825677.45	12.0	7.0	18.0	2.0	At Grade	1	-
63	63	TM-18(E)	TM18E1	Lung Mun Road Between River Trade Terminal And The Project Boundary	811770.68	825461.81	811961.64	825376.47	7.5	8.7	13.5	3.7	At Grade	1	-
64	64	TM-18(W)	TM18W1	Lung Mun Road Between River Trade Terminal And The Project Boundary	811957.47	825367.60	811765.60	825452.64	7.5	8.5	13.5	3.5	At Grade	1	-
65	65	R1	ER01_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811354.35	825595.54	811292.72	825567.49	8.0	5.0	14.0	0.0	At Grade	1	-
66	66	R2	ER02_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811292.72	825567.49	811181.41	825617.62	8.0	5.0	14.0	0.0	At Grade	1	-
67	67	R3	ER03_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811181.41	825617.62	811088.50	825610.26	8.0	5.0	14.0	0.0	At Grade	1	-
68	68	R4	ER04_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811088.50	825610.26	811103.68	825462.62	8.0	10.0	8.0	10.0	Barrier	1	Vertical Barrier Included
69	69	R5	ER05_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811103.68	825462.62	811209.46	825399.60	8.0	15.0	14.0	10.0	At Grade	1	-
70	70	R6	ER06_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811209.46	825399.60	811142.04	825295.80	8.0	25.0	14.0	10.0	At Grade	1	-
71	78	R6	IR06_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811209.46	825399.60	811142.04	825295.80	8.0	25.0	14.0	10.0	At Grade	1	-
72	71	R7	ER07_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811142.04	825295.80	811129.14	825150.36	8.0	25.0	14.0	10.0	At Grade	1	-
73	79	R7	IR07_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811142.04	825295.80	811129.14	825150.36	8.0	25.0	14.0	10.0	At Grade	1	-

Appendix H - CALINE4 Input Configuration

Year 2024-2028 **Base mPD** 5.0

No.	Order No. in CALINE4 Model	Road Link Index	CALINE4 Model Road Link ID	Road Name	Starting Co-ordinate		Ending Co-ordinate		Average Width	Average Height	Model Width	Model Height	Road Type	Road Code	Remarks
					X	Y	X	Y	(m)	(mPD)	(m)	(m)			
74	72	R9	ER09_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811142.04	825295.80	811237.82	825222.35	8.0	25.0	14.0	10.0	At Grade	1	-
75	73	R10	ER10_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811209.46	825399.60	811341.31	825389.33	8.0	20.0	14.0	10.0	At Grade	1	-
76	80	R10	IR10_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811209.46	825399.60	811341.31	825389.33	8.0	20.0	14.0	10.0	At Grade	1	-
77	81	R11	IR11_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	810984.81	825206.55	810900.73	825094.02	8.0	8.5	8.0	8.5	Barrier	1	Vertical Barrier Included
78	82	R13	IR13_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811253.32	825193.44	811187.42	825059.95	8.0	10.0	14.0	5.0	At Grade	1	-
79	83	R14	IR14_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	810953.75	824970.32	810926.04	824929.81	8.0	5.0	14.0	0.0	At Grade	1	-
80	84	R15	IR15_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811075.48	824890.16	811061.62	824839.01	8.0	5.0	14.0	0.0	At Grade	1	-
81	85	R17	IR17_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811075.48	824890.16	810953.75	824970.32	8.0	5.0	14.0	0.0	At Grade	1	-
82	86	R19	IR19_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811187.42	825059.95	811117.41	824953.76	8.0	7.5	14.0	2.5	At Grade	1	-
83	87	R21	IR21_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811118.96	825149.75	811117.41	824953.76	8.0	15.0	14.0	10.0	At Grade	1	-
84	88	R22	IR22_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811117.41	824953.76	811075.48	824890.16	8.0	5.0	14.0	0.0	At Grade	1	-
85	74	R25	ER25_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811178.59	824924.24	811208.23	824981.39	8.0	5.0	14.0	0.0	At Grade	1	-
86	75	R26	ER26_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811208.23	824981.39	811242.31	824963.71	8.0	5.0	14.0	0.0	At Grade	1	-
87	76	R27	ER27_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811242.31	824963.71	811353.49	825232.51	8.0	5.0	14.0	0.0	At Grade	1	-
88	77	R28	ER28_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811353.49	825232.51	811492.44	825571.56	8.0	5.0	14.0	0.0	At Grade	1	-

APPENDIX I EMISSION INVENTORIES OF YEAR 2023 CASE (BASED ON 2021 ERR)

Appendix I1 – Summary of the Modelled Emissions in Year 2023

Annual NO_2 Impact Assessment

Item	Emission	For details, please refer to	Remark
Tier 1 Emission	Dust Emissions within TMFB	-	Not applicable
	Plant Emissions within TMFB	Appendix B2	No changes between Year 2023 and Year 2024.
	Marine Emissions within TMFB	Appendix I2	In Year 2023, no implementation of on-shore power for vessels. Barging point B and marine emission source points C1-39 have been modelled in Year 2023 as in 2021 ERR.
	Vehicular Emissions from Internal Roads	Traffic Data in Year 2023: Appendix I3 EMFAC Vehicular Emission Factors, Composite Emission Factors for Year 2023: Appendix I4 Temperature & Relative Humidity Adopted: Appendix F4 Road Configuration: Appendix I5	- R12 and R20 are included in Year 2023 as in 2021 ERR. - Traffic data of Year 2023 as in 2021 ERR are adopted. - EMFAC emission factors for Calendar Year 2023 are adopted (internal trucks of Euro V standard, model year of 2019) – same assumptions as in 2021 ERR - Min. temperature and relative humidity from Tuen Mun HKO Station in 2022 are adopted (same as Year 2024 modelling scenario).
Tier 2 Emission	Other Emission Sources in the Vicinity of TMFB	Appendix C1	Based on latest available information, the battery recycling centre (HKBRC) in EcoPark is expected to commence operation in 2024. Yet, no NOx would be emitted from HKBRC. In terms of NOx emission, the other emission sources in the vicinity of TMFB are the same between Year 2023 and Year 2024.
	Vehicular Emissions from external roads within the 500m Study Area in Year 2023 based on Year 2023 Traffic Forecast and respective Vehicular Emission Factors	Traffic Data in Year 2023: Appendix I3 EMFAC Vehicular Emission Factors, Composite Emission Factors for Year 2023: Appendix I4 Temperature & Relative Humidity Adopted: Appendix F4 Road Configuration: Appendix I5	- Traffic data of Year 2023 as in 2021 ERR are adopted. - EMFAC emission factors for Calendar Year 2023 are adopted. - Min. temperature and relative humidity from Tuen Mun HKO Station in 2022 are adopted (same as Year 2024 modelling scenario).
OLM	-	-	Ozone background data of Year 2023 in PATH-v2.1 is adopted for the OLM conversion.

Appendix I2 - NOx, SO2, RSP and FSP Emission Rate Calculations for Marine Vessels (for annual NO_2 assessment) (Year 2023)

Berthing

						NOx		
	Time-in-mode [2] (hr)	Daily Flow at each point [3]	Working Hour	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
B1_B B2_B B3_B	4	3	0700 - 2300	16	Barge	2.150E+02	4.479E-02	0700 - 2300
B1_B B2_B B3_B	4	2	2300 - 0700	8	Barge	2.150E+02	5.972E-02	2300 - 0700
IB1_B IB2_B	4	0.03	0700 - 2300	16	Derrick Lighter	1.161E+03	2.419E-03	0700 - 2300
B	4	0.28	0700 - 2300	16	Derrick Lighter	1.161E+03	2.297E-02	0700 - 2300

Maneuvering

						NOx		
	Time-in-mode [2] (hr)	Daily Flow [3]	Working Hour	Working Hour	Type of Vessel [4]	Emission Rate (g/hr/vessel)	Emission Rate (g/s)	AERMOD input hour
from IB1 - IB2	0.25	0.12	0700 - 2300	16	Tugboat	1.552E+03	8.085E-04	
M1-M35							2.310E-05	0700 - 2300
from B1 - B3	0.25	18	0700 - 2300	16	Barge	3.300E+03	2.578E-01	
from B1 - B3	0.25	12	2300 - 0700	8	Barge	3.300E+03	3.438E-01	
M36-M71							7.161E-03	0700 - 2300
M36-M71							9.549E-03	2300 - 0700
from B	0.25	0.57	0700 - 2300	16	Tugboat	1.552E+03	3.839E-03	
C1-C39							9.845E-05	0700 - 2300

Notes:

(1) Emission rate (g/s) = Emission rate (g/hr/vessel) x Time-in-mode (hr) x Daily Flow / Working Hours / 3600

(2) Time-in-mode for berthing refers to the berthing time at barging point and is assumed to be 4 hours.
Time-in-mode for maneuvering refers to the maneuvering time within the Study Area and is assumed to be 15 minutes for routes M1-M35, M36-71 and C1-C39.
Time-in-mode was advised by CEDD.

(3) Daily flow for berthing refers to number of vessel at berth at each barging point each day, averaging over a year.
Daily flow for maneuvering refers to the number of vessel trips arriving and departing (two-way trip) at all relevant barging points each day, averaging over a year.
Material import at each barging point (IB1 or IB2) accounts for 3% of the time on average annually as advised by CEDD.
Daily flow (berthing) = Flow/day x % of days in a year = 1 x 0.03 = 0.03 (provided by CEDD based on previous record of fill import via marine vessels)
Daily flow (maneuvering) = Flow/day x % of days in a year x no. of barging points (IB1 & IB2) x 2 (two-way) = 1 x 0.03 x 2 x 2 = 0.12

Material transport at barging point B was assumed to be 2 times/week on average during the period of 0700-2300 as advised by CEDD.
Daily flow (berthing) = Flow/week x no. of weeks in a year / 365 = 2 x 52 / 365 = 0.28
Daily flow (maneuvering) = Flow/week x no. of weeks in a year / 365 x 2 (two-way) = 2 x 52 / 365 x 2 = 0.57

For annual NO2 assessment, the number of daily vessel flow for berthing at B1 to B3 are different for 0700-2300 and 2300-0700. The daily flow at each of the berthing points B1 to B3 during 0700-2300 is 3 (i.e. total of 9 for berthing points B1 to B3 during 0700-2300); the daily flow at each of the berthing points B1 to B3 during 2300-0700 is 2 (i.e. total of 6 for berthing points B1 to B3 during 0700-2300).

(4) Barges were assumed for material export at barging points B1 to B3.
Derick lighter (at berth) and tugboat (maneuvering) were assumed for material import at barging points IB1 and IB2.
Derick lighter (at berth) and tugboat (maneuvering) were assumed for material transport at barging point B. As advised by CEDD, barging point B may be used for bridge segment storage by the Development of Kwu Tung North and Fanling North Project tentatively from 2020 to 2023.

Appendix I2 - Emission Inventory for Marine Vessels (Year 2023)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)	
			X1	Y1							0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)
B1_B	Berthing	Point	811058.80	824834.88	0	15.00	803	8.00	0.30	24-hour	4.479E-02	5.972E-02
B2_B	Berthing	Point	810923.22	824925.68	0	15.00	803	8.00	0.30	24-hour	4.479E-02	5.972E-02
B3_B	Berthing	Point	810786.56	825018.96	0	15.00	803	8.00	0.30	24-hour	4.479E-02	5.972E-02
IB1_B	Berthing	Point	810853.58	824979.27	0	9.00	795	8.00	0.15	0700-2300	2.419E-03	0.000E+00
IB2_B	Berthing	Point	810989.70	824887.23	0	9.00	795	8.00	0.15	0700-2300	2.419E-03	0.000E+00
M1	Maneuvering	Point	810906.87	824905.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M2	Maneuvering	Point	810900.10	824885.74	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M3	Maneuvering	Point	810894.34	824865.94	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M4	Maneuvering	Point	810891.94	824845.08	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M5	Maneuvering	Point	810890.89	824824.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M6	Maneuvering	Point	810890.89	824803.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M7	Maneuvering	Point	810891.98	824782.85	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M8	Maneuvering	Point	810896.10	824762.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M9	Maneuvering	Point	810900.18	824741.96	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M10	Maneuvering	Point	810908.83	824722.83	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M11	Maneuvering	Point	810917.49	824703.69	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M12	Maneuvering	Point	810926.13	824684.89	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M13	Maneuvering	Point	810936.15	824666.44	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M14	Maneuvering	Point	810946.17	824647.98	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M15	Maneuvering	Point	810956.96	824630.34	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M16	Maneuvering	Point	810968.61	824612.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M17	Maneuvering	Point	810980.26	824595.39	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M18	Maneuvering	Point	810991.89	824578.27	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M19	Maneuvering	Point	811004.56	824561.53	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M20	Maneuvering	Point	811017.23	824544.78	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M21	Maneuvering	Point	811030.00	824528.50	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M22	Maneuvering	Point	811044.03	824512.87	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M23	Maneuvering	Point	811058.05	824497.24	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M24	Maneuvering	Point	811072.08	824481.62	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M25	Maneuvering	Point	811086.63	824466.90	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M26	Maneuvering	Point	811101.48	824452.05	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M27	Maneuvering	Point	811116.33	824437.20	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M28	Maneuvering	Point	811131.07	824422.66	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M29	Maneuvering	Point	811146.16	824408.06	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M30	Maneuvering	Point	811161.25	824393.46	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M31	Maneuvering	Point	811176.30	824379.25	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M32	Maneuvering	Point	811191.65	824364.92	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M33	Maneuvering	Point	811206.83	824350.84	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M34	Maneuvering	Point	811222.82	824337.23	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00

Appendix I2 - Emission Inventory for Marine Vessels (Year 2023)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)	
			X1	Y1							0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)
M35	Maneuvering	Point	811237.74	824324.54	0	9.00	795	8.00	0.15	0700-2300	2.310E-05	0.000E+00
M36	Maneuvering	Point	810906.87	824905.62	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M37	Maneuvering	Point	810890.89	824891.99	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M38	Maneuvering	Point	810873.48	824881.36	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M39	Maneuvering	Point	810853.86	824873.88	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M40	Maneuvering	Point	810833.74	824869.37	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M41	Maneuvering	Point	810813.02	824865.91	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M42	Maneuvering	Point	810792.38	824864.83	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M43	Maneuvering	Point	810771.39	824864.21	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M44	Maneuvering	Point	810750.70	824863.63	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M45	Maneuvering	Point	810729.70	824863.17	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M46	Maneuvering	Point	810708.71	824862.70	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M47	Maneuvering	Point	810687.71	824862.23	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M48	Maneuvering	Point	810667.02	824862.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M49	Maneuvering	Point	810646.03	824863.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M50	Maneuvering	Point	810625.03	824863.55	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M51	Maneuvering	Point	810604.34	824864.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M52	Maneuvering	Point	810583.34	824864.45	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M53	Maneuvering	Point	810562.35	824864.89	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M54	Maneuvering	Point	810541.35	824865.33	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M55	Maneuvering	Point	810520.82	824867.92	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M56	Maneuvering	Point	810499.99	824870.61	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M57	Maneuvering	Point	810479.82	824874.96	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M58	Maneuvering	Point	810459.65	824880.81	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M59	Maneuvering	Point	810439.80	824886.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M60	Maneuvering	Point	810420.67	824895.32	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M61	Maneuvering	Point	810401.53	824903.97	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M62	Maneuvering	Point	810382.90	824912.98	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M63	Maneuvering	Point	810364.37	824922.86	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M64	Maneuvering	Point	810345.85	824932.75	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M65	Maneuvering	Point	810328.10	824943.40	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M66	Maneuvering	Point	810310.26	824954.47	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M67	Maneuvering	Point	810292.69	824965.41	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M68	Maneuvering	Point	810274.97	824976.68	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M69	Maneuvering	Point	810257.66	824988.01	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M70	Maneuvering	Point	810241.59	825001.52	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
M71	Maneuvering	Point	810237.57	825004.90	0	15.00	803	8.00	0.30	24-hour	7.161E-03	9.549E-03
B	Berthing	Point	811124.73	824794.89	0	9.00	795	8.00	0.15	0700-2300	2.297E-02	0.000E+00
C1	Maneuvering	Point	811110.42	824766.97	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00

Appendix I2 - Emission Inventory for Marine Vessels (Year 2023)

Source ID	Description	Source Type	Coordinates		Base Elevation	Height	Stack Temperature	Stack Velocity	Stack Diameter	Working Hour	NOx Emission Rate (Annual)	
			X1	Y1							0700 - 2300	2300 - 0700
			(m)	(m)	(m)	(m)	(K)	(m/s)	(m)		(g/s)	(g/s)
C2	Maneuvering	Point	811096.78	824752.35	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C3	Maneuvering	Point	811083.13	824737.73	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C4	Maneuvering	Point	811069.49	824723.11	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C5	Maneuvering	Point	811054.69	824709.69	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C6	Maneuvering	Point	811039.47	824696.71	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C7	Maneuvering	Point	811024.25	824683.74	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C8	Maneuvering	Point	811009.00	824670.81	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C9	Maneuvering	Point	810990.31	824663.69	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C10	Maneuvering	Point	810971.62	824656.57	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C11	Maneuvering	Point	810952.93	824649.45	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C12	Maneuvering	Point	810934.24	824642.33	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C13	Maneuvering	Point	810915.55	824635.21	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C14	Maneuvering	Point	810895.98	824631.36	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C15	Maneuvering	Point	810876.25	824628.07	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C16	Maneuvering	Point	810856.52	824624.78	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C17	Maneuvering	Point	810836.80	824621.50	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C18	Maneuvering	Point	810816.85	824620.45	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C19	Maneuvering	Point	810796.86	824619.86	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C20	Maneuvering	Point	810776.87	824619.27	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C21	Maneuvering	Point	810756.88	824618.71	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C22	Maneuvering	Point	810736.88	824618.27	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C23	Maneuvering	Point	810716.89	824617.82	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C24	Maneuvering	Point	810696.89	824617.38	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C25	Maneuvering	Point	810676.90	824617.14	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C26	Maneuvering	Point	810656.90	824617.65	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C27	Maneuvering	Point	810636.91	824618.17	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C28	Maneuvering	Point	810616.92	824618.68	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C29	Maneuvering	Point	810596.92	824619.12	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C30	Maneuvering	Point	810576.92	824619.53	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C31	Maneuvering	Point	810556.93	824619.95	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C32	Maneuvering	Point	810536.93	824620.36	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C33	Maneuvering	Point	810516.98	824621.38	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C34	Maneuvering	Point	810497.15	824623.94	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C35	Maneuvering	Point	810477.31	824626.50	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C36	Maneuvering	Point	810457.48	824629.06	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C37	Maneuvering	Point	810437.73	824632.06	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C38	Maneuvering	Point	810418.52	824637.64	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00
C39	Maneuvering	Point	810415.77	824638.44	0	9.00	795	8.00	0.15	0700-2300	9.845E-05	0.000E+00

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-2	Access Road To River Trade Terminal From Lung Mun Road	N	LR	00:00 ~ 01:00	30	*20*	**4**	25.00%	0.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*20*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*20*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*19*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*18*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*18*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*18*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
				07:00 ~ 08:00	30	*18*	**13**	7.69%	0.00%	7.69%	7.69%	7.69%	7.69%	46.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	0.00%
				08:00 ~ 09:00	30	*17*	**272**	0.74%	0.00%	0.37%	0.37%	0.37%	13.60%	55.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.41%	0.00%	0.00%
				09:00 ~ 10:00	30	*17*	**281**	0.71%	0.36%	0.36%	0.36%	0.36%	14.23%	54.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.18%	0.00%	0.00%
				10:00 ~ 11:00	30	*17*	**260**	3.85%	0.77%	1.54%	1.15%	1.15%	13.46%	50.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.31%	0.00%	0.00%
				11:00 ~ 12:00	30	*17*	**233**	3.00%	0.43%	1.72%	0.86%	0.86%	13.73%	51.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.47%	0.00%	0.00%
				12:00 ~ 13:00	30	*17*	**205**	3.41%	0.49%	1.46%	0.98%	0.98%	11.71%	53.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.80%	0.00%	0.00%
				13:00 ~ 14:00	30	*17*	**213**	3.29%	0.47%	1.41%	0.94%	0.94%	15.96%	50.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.76%	0.00%	0.00%
				14:00 ~ 15:00	30	*17*	**245**	3.27%	0.82%	1.63%	0.82%	0.82%	15.51%	50.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.53%	0.00%	0.00%
				15:00 ~ 16:00	30	*17*	**241**	2.90%	0.41%	1.66%	0.83%	0.83%	13.69%	51.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.80%	0.00%	0.00%
				16:00 ~ 17:00	30	*17*	**250**	2.80%	0.40%	1.60%	0.80%	0.80%	14.40%	51.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.60%	0.00%	0.00%
				17:00 ~ 18:00	30	*17*	**239**	3.35%	0.84%	1.67%	0.84%	0.84%	15.90%	50.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.36%	0.00%	0.00%
				18:00 ~ 19:00	30	*17*	**255**	3.92%	0.78%	1.57%	1.18%	1.18%	15.29%	49.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.27%	0.00%	0.00%
				19:00 ~ 20:00	30	*18*	**16**	43.75%	6.25%	18.75%	12.50%	12.50%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*18*	**15**	40.00%	0.00%	20.00%	13.33%	13.33%	6.67%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*18*	**13**	38.46%	0.00%	15.38%	15.38%	15.38%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*19*	**11**	45.45%	0.00%	18.18%	18.18%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*20*	**8**	50.00%	0.00%	25.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-2	Access Road To River Trade Terminal From Lung Mun Road	S	LR	00:00 ~ 01:00	30	*20*	**9**	33.33%	22.22%	22.22%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	30	*20*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	30	*20*	**5**	20.00%	20.00%	20.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	30	*19*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	30	*18*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	30	*18*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	30	*18*	**10**	20.00%	10.00%	10.00%	10.00%	10.00%	10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				07:00 ~ 08:00	30	*18*	**19**	21.05%	10.53%	10.53%	5.26%	5.26%	5.26%	31.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.53%	0.00%	0.00%
				08:00 ~ 09:00	30	*17*	**256**	2.34%	1.56%	1.56%	0.78%	0.78%	12.89%	51.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.13%	0.00%	0.00%
				09:00 ~ 10:00	30	*17*	**263**	2.28%	1.52%	1.52%	0.76%	0.76%	13.31%	52.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.76%	0.00%	0.00%
				10:00 ~ 11:00	30	*17*	**205**	3.90%	1.46%	0.49%	0.49%	0.49%	13.17%	52.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.80%	0.00%	0.00%
				11:00 ~ 12:00	30	*17*	**185**	3.24%	1.08%	0.54%	0.54%	0.54%	13.51%	52.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	28.11%	0.00%	0.00%
				12:00 ~ 13:00	30	*17*	**168**	3.57%	1.19%	0.60%	0.60%	0.60%	10.71%	53.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.17%	0.00%	0.00%
				13:00 ~ 14:00	30	*17*	**165**	3.64%	1.21%	0.61%	0.61%	0.61%	16.36%	50.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	26.67%	0.00%	0.00%
				14:00 ~ 15:00	30	*17*	**199**	3.52%	1.51%	0.50%	0.50%	0.50%	15.58%	50.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.14%	0.00%	0.00%
				15:00 ~ 16:00	30	*17*	**186**	3.23%	1.08%	0.54%	0.54%	0.54%	13.98%	52.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.96%	0.00%	0.00%
				16:00 ~ 17:00	30	*17*	**198**	3.03%	1.01%	0.51%	0.51%	0.51%	14.65%	52.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.78%	0.00%	0.00%
				17:00 ~ 18:00	30	*17*	**204**	3.43%	1.47%	0.49%	0.49%	0.49%	15.20%	50.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.45%	0.00%	0.00%
				18:00 ~ 19:00	30	*17*	**216**	3.70%	1.39%	0.46%	0.46%	0.46%	14.81%	51.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.31%	0.00%	0.00%
				19:00 ~ 20:00	30	*18*	**13**	46.15%	15.38%	7.69%	7.69%	7.69%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	30	*18*	**9**	44.44%	11.11%	11.11%	11.11%	11.11%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	30	*18*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	30	*19*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	30	*20*	**5**	20.00%	20.00%	20.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	E	LD	00:00 ~ 01:00	70	*53*	**24**	25.00%	20.83%	12.50%	4.17%	4.17%	0.00%	0.00%	8.33%	0.00%	0.00%	4.17%	4.17%	4.17%	4.17%	4.17%	0.00%	4.17%	0.00%	0.00%
				01:00 ~ 02:00	70	*53*	**12**	16.67%	25.00%	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	*53*	**13**	23.08%	23.08%	23.08%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				03:00 ~ 04:00	70	*54*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*54*	**9**	22.22%	22.22%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				05:00 ~ 06:00	70	*54*	**18**	22.22%	5.56%	11.11%	11.11%	11.11%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				06:00 ~ 07:00	70	*51*	**50**	24.00%	16.00%	14.00%	10.00%	10.00%	2.00%	0.00%	2.00%	0.00%	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	12.00%	0.00%	0.00%
				07:00 ~ 08:00	70	*36*	**96**	26.04%	17.71%	13.54%	8.33%	8.33%	5.21%	5.21%	2.08%	0.00%	0.00%	1.04%	1.04%	1.04%	1.04%	1.04%	0.00%	8.33%	0.00%	0.00%
				08:00 ~ 09:00	70	*29*	**340**	11.18%	7.94%	6.47%	4.71%	4.71%	31.18%	17.94%	1.18%	0.00%	0.00%	0.59%	0.59%	0.59%	0.59%	0.59%	0.00%	11.76%	0.00%	0.00%
				09:00 ~ 10:00	70	*30*	**456**	9.43%	6.58%	5.04%	3.51%	3.51%	31.14%	22.81%	0.88%	0.00%	0.00%	0.44%	0.44%	0.44%	0.44%	0.44%	0.00%	14.91%	0.00%	0.00%
				10:00 ~ 11:00	70	*27*	**575**	20.70%	10.09%	5.74%	4.17%	3.30%	19.83%	15.30%	1.04%	0.52%	0.52%	1.74%	1.74%	1.39%	1.22%	1.04%	0.87%	10.61%	0.17%	0.00%
				11:00 ~ 12:00	70	*34*	**578**	23.18%	13.32%	5.36%	4.15%	3.29%	18.51%	13.32%	0.87%	0.52%	0.52%	1.38%	1.38%	1.21%	1.04%	1.04%	0.87%	9.86%	0.17%	0.00%
				12:00 ~ 13:00	70	*41*	**539**	20.04%	12.06%	5.57%	4.08%	3.34%	18.92%	15.03%	0.93%	0.37%	0.37%	1.48%	1.48%	1.30%	1.11%	0.93%	0.93%	11.87%	0.19%	0.00%
				13:00 ~ 14:00	70	*43*	**488**	21.11%	12.70%	5.53%	4.30%	3.48%	18.03%	14.55%	1.02%	0.41%	0.41%	1.43%	1.43%	1.23%	1.23%	1.02%	0.82%	11.07%	0.20%	0.00%
				14:00 ~ 15:00	70	*40*	**575**	20.17%	12.00%	5.39%	4.17%	3.30%	18.09%	15.65%	0.87%	0.52%	0.52%	1.39%	1.39%	1.22%	1.22%	1.04%	0.87%	12.00%	0.17%	0.00%
				15:00 ~ 16:00	70	*40*	**574**	20.03%	12.37%	5.40%	4.18%	3.31%	19.16%	14.63%	0.87%	0.52%	0.52%	1.39%	1.39%	1.22%	1.05%	1.05%	0.87%	11.85%	0.17%	0.00%
				16:00 ~ 17:00	70	*32*	**563**	20.07%	12.26%	5.51%	4.26%	3.37%	19.54%	14.21%	0.89%	0.36%	0.36%	1.42%	1.42%	1.24%	1.07%	1.07%	0.89%	11.90%	0.18%	0.00%
				17:00 ~ 18:00	70	*26*	**547**	21.21%	12.61%	5.67%	4.39%	3.47%	17.92%	14.08%	0.91%	0.55%	0.55%	1.46%	1.46%	1.28%	1.28%	1.10%	0.91%	10.97%	0.18%	0.00%
				18:00 ~ 19:00	70	*30*	**495**	24.24%	14.75%	6.67%	4.65%	3.64%	15.96%	10.10%	1.21%	0.61%	0.61%	2.02%	2.02%	1.62%	1.41%	1.21%	1.01%	8.08%	0.20%	0.00%
				19:00 ~ 20:00	70	*37*	**320**	33.75%	20.31%	9.38%	6.88%	5.63%	1.56%	2.50%	1.56%	0.63%	0.63%	2.50%	2.50%	2.19%	1.88%	1.56%	1.56%	4.69%	0.31%	0.00%
				20:00 ~ 21:00	70	*43*	**301**	31.89%	19.60%	11.96%	8.97%	7.97%	1.00%	1.99%	1.33%	0.66%	0.66%	1.99%	1.99%	1.66%	1.66%	1.33%	1.33%	3.65%	0.33%	0.00%
				21:00 ~ 22:00	70	*51*	**136**	22.06%	16.91%	12.50%	5.88%	8.82%	0.74%	2.94%	2.94%	1.47%	1.47%	3.68%	3.68%	2.94%	2.94%	2.94%	2.21%	5.15%	0.74%	0.00%
				22:00 ~ 23:00	70	*51*	**77**	22.08%	9.09%	9.09%	6.49%	5.19%	0.00%	1.30%	3.90%	2.60%	2.60%	6.49%	6.49%	5.19%	5.19%	3.90%	3.90%	5.19%	1.30%	0.00%
				23:00 ~ 00:00	70	*53*	**52**	19.23%	5.77%	5.77%	3.85%	3.85%	0.00%	0.00%	5.77%	1.92%	1.92%	9.62%	9.62%	7.69%	7.69%	5.77%	5.77%	3.85%	1.92%	0.00%
TM-3	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	W	LD	00:00 ~ 01:00	70	*51*	**27**	22.22%	7.41%	3.70%	3.70%	3.70%	0.00%	0.00%	11.11%	3.70%	3.70%	7.41%	7.41%	7.41%	7.41%	3.70%	0.00%	7.41%	0.00%	0.00%
				01:00 ~ 02:00	70	*52*	**17**	35.29%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%	5.88%	5.88%	5.88%	5.88%	5.88%	0.00%	11.76%	0.00%	0.00%
				02:00 ~ 03:00	70	*52*	**13**	23.08%	15.38%	7.69%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	7.69%	7.69%	7.69%	7.69%	7.69%	0.00%	7.69%	0.00%	0.00%
				03:00 ~ 04:00	70	*52*	**14**	14.29%	7.14%	0.00%	14.29%	14.29%	0.00%	0.00%	7.14%	0.00%	0.00%	7.14%	7.14%	7.14%	7.14%	7.14%	0.00%	14.29%	0.00%	0.00%
				04:00 ~ 05:00	70	*52*	**20**	15.00%	10.00%	5.00%	10.00%	10.00%	0.00%	0.00%	5.00%	0.00%	0.00%	5.00%	5.00%	5.00%	5.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				05:00 ~ 06:00	70	*52*	**41**	17.07%	12.20%	12.20%	12.20%	12.20%	0.00%	0.00%	2.44%	0.00%	0.00%	2.44%	2.44%	2.44%	2.44%	0.00%	0.00%	21.95%	0.00%	0.00%
				06:00 ~ 07:00	70	*50*	**67**	29.85%	8.96%	14.93%	7.46%	7.46%	1.49%	4.48%	2.99%	0.00%	0.00%	1.49%	1.49%	1.49%	1.49%	1.49%	0.00%	14.93%	0.00%	0.00%
				07:00 ~ 08:00	70	*37*	**244**	38.11%	21.31%	6.56%	2.87%	2.87%	6.15%	7.79%	1.64%	0.41%	0.41%	0.82%	0.82%	0.82%	0.82%	0.41%	0.41%	7.79%	0.00%	0.00%
				08:00 ~ 09:00	70	*30*	**617**	21.39%	10.37%	5.35%	3.40%	3.40%	21.72%	18.64%	0.97%	0.16%	0.16%	0.49%	0.49%	0.49%	0.49%	0.32%	0.16%	11.99%	0.00%	0.00%
				09:00 ~ 10:00	70	*27*	**752**	18.75%	9.44%	4.79%	3.06%	3.06%	22.74%	20.88%	0.80%	0.13%	0.13%	0.53%	0.53%	0.53%	0.53%	0.27%	0.13%	13.70%	0.00%	0.00%
				10:00 ~ 11:00	70	*29*	**631**	21.08%	7.29%	7.13%	6.18%	6.18%	17.91%	15.53%	0.95%	0.32%	0.32%	1.11%	1.11%	0.95%	0.95%	0.79%	0.16%	11.89%	0.16%	0.00%
				11:00 ~ 12:00	70	*33*	**570**	20.18%	5.79%	7.19%	6.32%	6.32%	18.42%	15.61%	1.05%	0.35%	0.35%	1.23%	1.23%	1.05%	1.05%	0.88%	0.18%	12.63%	0.18%	0.00%
				12:00 ~ 13:00	70	*42*	**520**	20.77%	6.15%	7.31%	6.54%	6.54%	19.42%	17.12%	0.96%	0.38%	0.38%	1.15%	1.15%	0.96%	0.96%	0.77%	0.19%	9.04%	0.19%	0.00%
				13:00 ~ 14:00	70	*42*	**485**	21.03%	6.19%	7.63%	6.80%	6.80%	17.94%	16.91%	1.03%	0.41%	0.41%	1.24%	1.24%	1.03%	1.03%	0.82%	0.21%	9.07%	0.21%	0.00%
				14:00 ~ 15:00	70	*40*	**567**	20.63%	6.00%	7.58%	6.53%	6.53%	18.34%	17.46%	1.06%	0.35%	0.35%	1.23%	1.23%	1.06%	1.06%	0.88%	0.18%	9.35%	0.18%	0.00%
				15:00 ~ 16:00	70	*41*	**563**	20.43%	5.86%	7.28%	6.39%	6.39%	19.18%	17.58%	1.07%	0.36%	0.36%	1.24%	1.24%	1.07%	1.07%	0.89%	0.18%	9.24%	0.18%	0.00%
				16:00 ~ 17:00	70	*35*	**553**	20.61%	5.97%	7.23%	6.51%	6.51%	19.71%	16.82%	1.08%	0.36%	0.36%	1.27%	1.27%	1.08%	1.08%	0.90%	0.18%	8.86%	0.18%	0.00%
				17:00 ~ 18:00	70	*30*	**523**	20.46%	6.50%	8.22%	7.07%	7.07%	18.74%	15.30%	1.15%	0.38%	0.38%	1.34%	1.34%	1.15%	1.15%	0.96%	0.19%	8.41%	0.19%	0.00%
				18:00 ~ 19:00	70	*31*	**487**	24.44%	6.98%	9.03%	7.80%	7.80%	16.43%	11.91%	1.23%	0.41%	0.41%	1.44%	1.44%	1.23%	1.23%	1.03%	0.21%	6.78%	0.21%	0.00%
				19:00 ~ 20:00	70	*38*	**323**	33.44%	9.91%	11.76%	10.53%	10.53%	3.41%	5.88%	1.55%	0.62%	0.62%	1.86%	1.86%	1.55%	1.55%	1.24%	0.31%	3.10%	0.31%	0.00%
				20:00 ~ 21:00	70	*42*	**239**	28.45%	9.62%	13.39%	12.13%	12.13%	3.35%	5.44%	1.67%	0.84%	0.84%	2.09%	2.09%	1.67%	1.67%	1.67%	0.42%	2.09%	0.42%	0.00%
				21:00 ~ 22:00	70	*49*	**88**	21.59%	14.77%	7.95%	6.82%	6.82%	2.27%	3.41%	4.55%	2.27%	2.27%	5.68%	5.68%	4.55%	4.55%	3.41%	1.14%	1.14%	1.14%	0.00%
				22:00 ~ 23:00	70	*51*	**54**	20.37%	12.96%	5.56%	5.56%	5.56%	0.00%	1.85%	7.41%	1.85%	1.85%	7.41%	7.41%	7.41%	7.41%	5.56%	1.85%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	*51*	**36**	13.89%	2.78%	5.56%	5.56%	5.56%	0.00%	0.00%	8.33%	2.78%	2.78%	11.11%	11.11%	11.11%	8.33%	8.33%	2.78%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	*53*	**21**	23.81%	19.05%	9.52%	4.76%	4.76%	0.00%	0.00%	9.52%	0.00%	0.00%	4.76%	4.76%	4.76%	4.76%	4.76%	0.00%	4.76%	0.00%	0.00%
				01:00 ~ 02:00	70	*53*	**12**	16.67%	25.00%	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	*53*	**13**	23.08%	23.08%	23.08%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				03:00 ~ 04:00	70	*54*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*54*	**9**	22.22%	22.22%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				05:00 ~ 06:00	70	*54*	**18**	22.22%	5.56%	11.11%	11.11%	11.11%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				06:00 ~ 07:00	70	*51*	**50**	24.00%	16.00%	14.00%	10.00%	10.00%	2.00%	0.00%	2.00%	0.00%	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	12.00%	0.00%	0.00%
				07:00 ~ 08:00	70	*37*	**92**	26.09%	17.39%	13.04%	8.70%	8.70%	5.43%	4.35%	2.17%	0.00%	0.00%	1.09%	1.09%	1.09%	1.09%	1.09%	0.00%	8.70%	0.00%	0.00%
				08:00 ~ 09:00	70	*35*	**280**	13.21%	9.29%	7.50%	5.71%	5.71%	34.29%	10.36%	1.43%	0.00%	0.00%	0.71%	0.71%	0.71%	0.71%	0.71%	0.00%	8.93%	0.00%	0.00%
				09:00 ~ 10:00	70	*35*	**331**	12.39%	8.76%	6.65%	4.83%	4.83%	36.86%	11.18%	1.21%	0.00%	0.00%	0.60%	0.60%	0.60%	0.60%	0.60%	0.00%	10.27%	0.00%	0.00%
				10:00 ~ 11:00	70	*34*	**440**	25.45%	12.27%	6.82%	4.77%	3.64%	22.05%	5.23%	1.36%	0.68%	0.68%	2.27%	2.27%	1.82%	1.59%	1.36%	1.14%	6.36%	0.23%	0.00%
				11:00 ~ 12:00	70	*39*	**458**	27.95%	15.94%	6.33%	4.80%	3.71%	19.87%	4.37%	1.09%	0.66%	0.66%	1.75%	1.75%	1.53%	1.31%	1.31%	1.09%	5.68%	0.22%	0.00%
				12:00 ~ 13:00	70	*40*	**421**	23.99%	14.73%	6.41%	4.75%	3.80%	20.67%	6.18%	1.19%	0.48%	0.48%	1.90%	1.90%	1.66%	1.43%	1.19%	1.19%	7.84%	0.24%	0.00%
				13:00 ~ 14:00	70	*40*	**385**	25.19%	15.32%	6.49%	4.94%	3.90%	19.74%	5.45%	1.30%	0.52%	0.52%	1.82%	1.82%	1.56%	1.56%	1.30%	1.04%	7.27%	0.26%	0.00%
				14:00 ~ 15:00	70	*39*	**447**	24.61%	14.32%	6.49%	4.92%	3.80%	19.46%	6.49%	1.12%	0.67%	0.67%	1.79%	1.79%	1.57%	1.57%	1.34%	1.12%	8.05%	0.22%	0.00%
				15:00 ~ 16:00	70	*39*	**449**	24.28%	14.48%	6.46%	4.90%	3.79%	20.94%	5.57%	1.11%	0.67%	0.67%	1.78%	1.78%	1.56%	1.34%	1.34%	1.11%	8.02%	0.22%	0.00%
				16:00 ~ 17:00	70	*33*	**429**	24.94%	14.92%	6.76%	5.13%	3.96%	21.45%	3.96%	1.17%	0.47%	0.47%	1.86%	1.86%	1.63%	1.40%	1.40%	1.17%	7.23%	0.23%	0.00%
				17:00 ~ 18:00	70	*32*	**429**	25.64%	14.92%	6.76%	5.13%	3.96%	19.11%	4.90%	1.17%	0.70%	0.70%	1.86%	1.86%	1.63%	1.63%	1.40%	1.17%	7.23%	0.23%	0.00%
				18:00 ~ 19:00	70	*32*	**441**	25.85%	15.42%	6.80%	4.54%	3.40%	17.01%	7.03%	1.36%	0.68%	0.68%	2.27%	2.27%	1.81%	1.59%	1.36%	1.13%	6.58%	0.23%	0.00%
				19:00 ~ 20:00	70	*31*	**297**	34.01%	20.88%	9.09%	6.73%	5.39%	1.35%	1.68%	1.68%	0.67%	0.67%	2.69%	2.69%	2.36%	2.02%	1.68%	1.68%	4.38%	0.34%	0.00%
				20:00 ~ 21:00	70	*37*	**285**	31.93%	19.65%	11.93%	8.77%	7.72%	1.05%	1.75%	1.40%	0.70%	0.70%	2.11%	2.11%	1.75%	1.75%	1.40%	1.40%	3.51%	0.35%	0.00%
				21:00 ~ 22:00	70	*51*	**122**	20.49%	17.21%	12.30%	4.92%	8.20%	0.82%	2.46%	3.28%	1.64%	1.64%	4.10%	4.10%	3.28%	3.28%	3.28%	2.46%	5.74%	0.82%	0.00%
				22:00 ~ 23:00	70	*51*	**64**	18.75%	7.81%	7.81%	4.69%	3.13%	0.00%	1.56%	4.69%	3.13%	3.13%	7.81%	7.81%	6.25%	6.25%	4.69%	4.69%	6.25%	1.56%	0.00%
				23:00 ~ 00:00	70	*53*	**43**	13.95%	2.33%	4.65%	2.33%	2.33%	0.00%	0.00%	6.98%	2.33%	2.33%	11.63%	11.63%	9.30%	9.30%	6.98%	6.98%	4.65%	2.33%	0.00%
TM-5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	*51*	**22**	22.73%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	13.64%	4.55%	4.55%	9.09%	9.09%	9.09%	9.09%	4.55%	0.00%	9.09%	0.00%	0.00%
				01:00 ~ 02:00	70	*52*	**16**	31.25%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	6.25%	6.25%	6.25%	6.25%	6.25%	0.00%	12.50%	0.00%	0.00%
				02:00 ~ 03:00	70	*52*	**12**	16.67%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	8.33%	8.33%	8.33%	8.33%	8.33%	0.00%	8.33%	0.00%	0.00%
				03:00 ~ 04:00	70	*52*	**14**	14.29%	7.14%	0.00%	14.29%	14.29%	0.00%	0.00%	7.14%	0.00%	0.00%	7.14%	7.14%	7.14%	7.14%	0.00%	0.00%	14.29%	0.00%	0.00%
				04:00 ~ 05:00	70	*52*	**20**	15.00%	10.00%	5.00%	10.00%	10.00%	0.00%	0.00%	5.00%	0.00%	0.00%	5.00%	5.00%	5.00%	5.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				05:00 ~ 06:00	70	*52*	**41**	17.07%	12.20%	12.20%	12.20%	12.20%	0.00%	0.00%	2.44%	0.00%	0.00%	2.44%	2.44%	2.44%	2.44%	0.00%	0.00%	21.95%	0.00%	0.00%
				06:00 ~ 07:00	70	*50*	**66**	28.79%	9.09%	15.15%	7.58%	7.58%	1.52%	4.55%	3.03%	0.00%	0.00%	1.52%	1.52%	1.52%	1.52%	1.52%	0.00%	15.15%	0.00%	0.00%
				07:00 ~ 08:00	70	*33*	**234**	39.32%	21.79%	6.41%	2.56%	2.56%	5.56%	7.26%	1.71%	0.43%	0.43%	0.85%	0.85%	0.85%	0.85%	0.43%	0.43%	7.69%	0.00%	0.00%
				08:00 ~ 09:00	70	*32*	**554**	23.47%	11.37%	5.78%	3.61%	3.61%	22.56%	14.98%	1.08%	0.18%	0.18%	0.54%	0.54%	0.54%	0.54%	0.36%	0.18%	10.47%	0.00%	0.00%
				09:00 ~ 10:00	70	*32*	**628**	22.13%	10.99%	5.57%	3.50%	3.50%	24.20%	14.49%	0.96%	0.16%	0.16%	0.64%	0.64%	0.64%	0.64%	0.32%	0.16%	11.31%	0.00%	0.00%
				10:00 ~ 11:00	70	*32*	**503**	25.65%	8.55%	8.15%	7.55%	7.55%	19.09%	6.96%	1.19%	0.40%	0.40%	1.39%	1.39%	1.19%	1.19%	0.99%	0.20%	7.95%	0.20%	0.00%
				11:00 ~ 12:00	70	*37*	**454**	24.45%	6.83%	8.59%	7.71%	7.71%	19.60%	6.83%	1.32%	0.44%	0.44%	1.54%	1.54%	1.32%	1.32%	1.10%	0.22%	8.81%	0.22%	0.00%
				12:00 ~ 13:00	70	*40*	**422**	24.64%	7.11%	8.53%	7.82%	7.82%	20.38%	7.58%	1.18%	0.47%	0.47%	1.42%	1.42%	1.18%	1.18%	0.95%	0.24%	7.35%	0.24%	0.00%
				13:00 ~ 14:00	70	*40*	**400**	24.75%	6.75%	8.75%	8.00%	8.00%	18.75%	8.25%	1.25%	0.50%	0.50%	1.50%	1.50%	1.25%	1.25%	1.00%	0.25%	7.50%	0.25%	0.00%
				14:00 ~ 15:00	70	*40*	**462**	24.46%	6.93%	8.66%	7.79%	7.79%	18.83%	8.44%	1.30%	0.43%	0.43%	1.52%	1.52%	1.30%	1.30%	1.08%	0.22%	7.79%	0.22%	0.00%
				15:00 ~ 16:00	70	*38*	**463**	23.97%	6.70%	8.42%	7.56%	7.56%	19.87%	8.42%	1.30%	0.43%	0.43%	1.51%	1.51%	1.30%	1.30%	1.08%	0.22%	8.21%	0.22%	0.00%
				16:00 ~ 17:00	70	*32*	**444**	24.77%	6.98%	8.56%	7.88%	7.88%	20.50%	6.53%	1.35%	0.45%	0.45%	1.58%	1.58%	1.35%	1.35%	1.13%	0.23%	7.21%	0.23%	0.00%
				17:00 ~ 18:00	70	*32*	**425**	24.00%	7.53%	9.41%	8.47%	8.47%	19.29%	5.88%	1.41%	0.47%	0.47%	1.65%	1.65%	1.41%	1.41%	1.18%	0.24%	6.82%	0.24%	0.00%
				18:00 ~ 19:00	70	*32*	**449**	25.61%	6.90%	8.91%	8.24%	8.24%	16.93%	8.91%	1.34%	0.45%	0.45%	1.56%	1.56%	1.34%	1.34%	1.11%	0.22%	6.68%	0.22%	0.00%
				19:00 ~ 20:00	70	*33*	**320**	32.50%	9.38%	11.25%	10.31%	10.31%	3.44%	5.63%	1.56%	0.63%	0.63%	1.88%	1.88%	1.56%	1.56%	1.25%	0.31%	5.63%	0.31%	0.00%
				20:00 ~ 21:00	70	*36*	**232**	27.59%	9.05%	12.93%	11.64%	11.64%	3.45%	5.17%	1.72%	0.86%	0.86%	2.16%	2.16%	1.72%	1.72%	1.72%	0.43%	4.74%	0.43%	0.00%
				21:00 ~ 22:00	70	*49*	**85**	20.00%	12.94%	5.88%	5.88%	5.88%	2.35%	3.53%	4.71%	2.35%	2.35%	5.88%	5.88%	4.71%	4.71%	3.53%	1.18%	7.06%	1.18%	0.00%
				22:00 ~ 23:00	70	*51*	**48**	16.67%	10.42%	2.08%	4.17%	4.17%	0.00%	2.08%	8.33%	2.08%	2.08%	8.33%	8.33%	8.33%	8.33%	6.25%	2.08%	6.25%	0.00%	0.00%
				23:00 ~ 00:00	70	*51*	**32**	9.38%	0.00%	3.13%	3.13%	3.13%	0.00%	0.00%	9.38%	3.13%	3.13%	12.50%	12.50%	12.50%	9.38%	9.38%	3.13%	6.25%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	E	LD	00:00 ~ 01:00	70	*53*	**24**	25.00%	20.83%	12.50%	4.17%	4.17%	0.00%	0.00%	8.33%	0.00%	0.00%	4.17%	4.17%	4.17%	4.17%	4.17%	0.00%	4.17%	0.00%	0.00%
				01:00 ~ 02:00	70	*53*	**12**	16.67%	25.00%	25.00%	8.33%	8.33%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				02:00 ~ 03:00	70	*53*	**13**	23.08%	23.08%	23.08%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				03:00 ~ 04:00	70	*54*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*54*	**9**	22.22%	22.22%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				05:00 ~ 06:00	70	*54*	**18**	22.22%	5.56%	11.11%	11.11%	11.11%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				06:00 ~ 07:00	70	*51*	**50**	24.00%	16.00%	14.00%	10.00%	10.00%	2.00%	0.00%	2.00%	0.00%	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	12.00%	0.00%	0.00%
				07:00 ~ 08:00	70	*36*	**96**	26.04%	17.71%	13.54%	8.33%	8.33%	5.21%	5.21%	2.08%	0.00%	0.00%	1.04%	1.04%	1.04%	1.04%	1.04%	0.00%	8.33%	0.00%	0.00%
				08:00 ~ 09:00	70	*29*	**340**	11.18%	7.94%	6.47%	4.71%	4.71%	31.18%	17.94%	1.18%	0.00%	0.00%	0.59%	0.59%	0.59%	0.59%	0.59%	0.00%	11.76%	0.00%	0.00%
				09:00 ~ 10:00	70	*30*	**456**	9.43%	6.58%	5.04%	3.51%	3.51%	31.14%	22.81%	0.88%	0.00%	0.00%	0.44%	0.44%	0.44%	0.44%	0.44%	0.00%	14.91%	0.00%	0.00%
				10:00 ~ 11:00	70	*27*	**575**	20.70%	10.09%	5.74%	4.17%	3.30%	19.83%	15.30%	1.04%	0.52%	0.52%	1.74%	1.74%	1.39%	1.22%	1.04%	0.87%	10.61%	0.17%	0.00%
				11:00 ~ 12:00	70	*34*	**578**	23.18%	13.32%	5.36%	4.15%	3.29%	18.51%	13.32%	0.87%	0.52%	0.52%	1.38%	1.38%	1.21%	1.04%	1.04%	0.87%	9.86%	0.17%	0.00%
				12:00 ~ 13:00	70	*41*	**539**	20.04%	12.06%	5.57%	4.08%	3.34%	18.92%	15.03%	0.93%	0.37%	0.37%	1.48%	1.48%	1.30%	1.11%	0.93%	0.93%	11.87%	0.19%	0.00%
				13:00 ~ 14:00	70	*43*	**488**	21.11%	12.70%	5.53%	4.30%	3.48%	18.03%	14.55%	1.02%	0.41%	0.41%	1.43%	1.43%	1.23%	1.23%	1.02%	0.82%	11.07%	0.20%	0.00%
				14:00 ~ 15:00	70	*40*	**575**	20.17%	12.00%	5.39%	4.17%	3.30%	18.09%	15.65%	0.87%	0.52%	0.52%	1.39%	1.39%	1.22%	1.22%	1.04%	0.87%	12.00%	0.17%	0.00%
				15:00 ~ 16:00	70	*40*	**574**	20.03%	12.37%	5.40%	4.18%	3.31%	19.16%	14.63%	0.87%	0.52%	0.52%	1.39%	1.39%	1.22%	1.05%	1.05%	0.87%	11.85%	0.17%	0.00%
				16:00 ~ 17:00	70	*32*	**563**	20.07%	12.26%	5.51%	4.26%	3.37%	19.54%	14.21%	0.89%	0.36%	0.36%	1.42%	1.42%	1.24%	1.07%	1.07%	0.89%	11.90%	0.18%	0.00%
				17:00 ~ 18:00	70	*26*	**547**	21.21%	12.61%	5.67%	4.39%	3.47%	17.92%	14.08%	0.91%	0.55%	0.55%	1.46%	1.46%	1.28%	1.28%	1.10%	0.91%	10.97%	0.18%	0.00%
				18:00 ~ 19:00	70	*30*	**495**	24.24%	14.75%	6.67%	4.65%	3.64%	15.96%	10.10%	1.21%	0.61%	0.61%	2.02%	2.02%	1.62%	1.41%	1.21%	1.01%	8.08%	0.20%	0.00%
				19:00 ~ 20:00	70	*37*	**320**	33.75%	20.31%	9.38%	6.88%	5.63%	1.56%	2.50%	1.56%	0.63%	0.63%	2.50%	2.50%	2.19%	1.88%	1.56%	1.56%	4.69%	0.31%	0.00%
				20:00 ~ 21:00	70	*43*	**301**	31.89%	19.60%	11.96%	8.97%	7.97%	1.00%	1.99%	1.33%	0.66%	0.66%	1.99%	1.99%	1.66%	1.66%	1.33%	1.33%	3.65%	0.33%	0.00%
				21:00 ~ 22:00	70	*51*	**136**	22.06%	16.91%	12.50%	5.88%	8.82%	0.74%	2.94%	2.94%	1.47%	1.47%	3.68%	3.68%	2.94%	2.94%	2.94%	2.21%	5.15%	0.74%	0.00%
				22:00 ~ 23:00	70	*51*	**77**	22.08%	9.09%	9.09%	6.49%	5.19%	0.00%	1.30%	3.90%	2.60%	2.60%	6.49%	6.49%	5.19%	5.19%	3.90%	3.90%	5.19%	1.30%	0.00%
				23:00 ~ 00:00	70	*53*	**52**	19.23%	5.77%	5.77%	3.85%	3.85%	0.00%	0.00%	5.77%	1.92%	1.92%	9.62%	9.62%	7.69%	7.69%	5.77%	5.77%	3.85%	1.92%	0.00%
TM-6	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	W	LD	00:00 ~ 01:00	70	*51*	**27**	22.22%	7.41%	3.70%	3.70%	3.70%	0.00%	0.00%	11.11%	3.70%	3.70%	7.41%	7.41%	7.41%	7.41%	3.70%	0.00%	7.41%	0.00%	0.00%
				01:00 ~ 02:00	70	*52*	**17**	35.29%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%	5.88%	5.88%	5.88%	5.88%	5.88%	0.00%	11.76%	0.00%	0.00%
				02:00 ~ 03:00	70	*52*	**13**	23.08%	15.38%	7.69%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	7.69%	7.69%	7.69%	7.69%	7.69%	0.00%	7.69%	0.00%	0.00%
				03:00 ~ 04:00	70	*52*	**14**	14.29%	7.14%	0.00%	14.29%	14.29%	0.00%	0.00%	7.14%	0.00%	0.00%	7.14%	7.14%	7.14%	7.14%	7.14%	0.00%	14.29%	0.00%	0.00%
				04:00 ~ 05:00	70	*52*	**20**	15.00%	10.00%	5.00%	10.00%	10.00%	0.00%	0.00%	5.00%	0.00%	0.00%	5.00%	5.00%	5.00%	5.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				05:00 ~ 06:00	70	*52*	**41**	17.07%	12.20%	12.20%	12.20%	12.20%	0.00%	0.00%	2.44%	0.00%	0.00%	2.44%	2.44%	2.44%	2.44%	0.00%	0.00%	21.95%	0.00%	0.00%
				06:00 ~ 07:00	70	*50*	**67**	29.85%	8.96%	14.93%	7.46%	7.46%	1.49%	4.48%	2.99%	0.00%	0.00%	1.49%	1.49%	1.49%	1.49%	1.49%	0.00%	14.93%	0.00%	0.00%
				07:00 ~ 08:00	70	*37*	**244**	38.11%	21.31%	6.56%	2.87%	2.87%	6.15%	7.79%	1.64%	0.41%	0.41%	0.82%	0.82%	0.82%	0.82%	0.41%	0.41%	7.79%	0.00%	0.00%
				08:00 ~ 09:00	70	*30*	**617**	21.39%	10.37%	5.35%	3.40%	3.40%	21.72%	18.64%	0.97%	0.16%	0.16%	0.49%	0.49%	0.49%	0.49%	0.32%	0.16%	11.99%	0.00%	0.00%
				09:00 ~ 10:00	70	*27*	**752**	18.75%	9.44%	4.79%	3.06%	3.06%	22.74%	20.88%	0.80%	0.13%	0.13%	0.53%	0.53%	0.53%	0.53%	0.27%	0.13%	13.70%	0.00%	0.00%
				10:00 ~ 11:00	70	*29*	**631**	21.08%	7.29%	7.13%	6.18%	6.18%	17.91%	15.53%	0.95%	0.32%	0.32%	1.11%	1.11%	0.95%	0.95%	0.79%	0.16%	11.89%	0.16%	0.00%
				11:00 ~ 12:00	70	*33*	**570**	20.18%	5.79%	7.19%	6.32%	6.32%	18.42%	15.61%	1.05%	0.35%	0.35%	1.23%	1.23%	1.05%	1.05%	0.88%	0.18%	12.63%	0.18%	0.00%
				12:00 ~ 13:00	70	*42*	**520**	20.77%	6.15%	7.31%	6.54%	6.54%	19.42%	17.12%	0.96%	0.38%	0.38%	1.15%	1.15%	0.96%	0.96%	0.77%	0.19%	9.04%	0.19%	0.00%
				13:00 ~ 14:00	70	*42*	**485**	21.03%	6.19%	7.63%	6.80%	6.80%	17.94%	16.91%	1.03%	0.41%	0.41%	1.24%	1.24%	1.03%	1.03%	0.82%	0.21%	9.07%	0.21%	0.00%
				14:00 ~ 15:00	70	*40*	**567**	20.63%	6.00%	7.58%	6.53%	6.53%	18.34%	17.46%	1.06%	0.35%	0.35%	1.23%	1.23%	1.06%	1.06%	0.88%	0.18%	9.35%	0.18%	0.00%
				15:00 ~ 16:00	70	*41*	**563**	20.43%	5.86%	7.28%	6.39%	6.39%	19.18%	17.58%	1.07%	0.36%	0.36%	1.24%	1.24%	1.07%	1.07%	0.89%	0.18%	9.24%	0.18%	0.00%
				16:00 ~ 17:00	70	*35*	**553**	20.61%	5.97%	7.23%	6.51%	6.51%	19.71%	16.82%	1.08%	0.36%	0.36%	1.27%	1.27%	1.08%	1.08%	0.90%	0.18%	8.86%	0.18%	0.00%
				17:00 ~ 18:00	70	*30*	**523**	20.46%	6.50%	8.22%	7.07%	7.07%	18.74%	15.30%	1.15%	0.38%	0.38%	1.34%	1.34%	1.15%	1.15%	0.96%	0.19%	8.41%	0.19%	0.00%
				18:00 ~ 19:00	70	*31*	**487**	24.44%	6.98%	9.03%	7.80%	7.80%	16.43%	11.91%	1.23%	0.41%	0.41%	1.44%	1.44%	1.23%	1.23%	1.03%	0.21%	6.78%	0.21%	0.00%
				19:00 ~ 20:00	70	*38*	**323**	33.44%	9.91%	11.76%	10.53%	10.53%	3.41%	5.88%	1.55%	0.62%	0.62%	1.86%	1.86%	1.55%	1.55%	1.24%	0.31%	3.10%	0.31%	0.00%
				20:00 ~ 21:00	70	*42*	**239**	28.45%	9.62%	13.39%	12.13%	12.13%	3.35%	5.44%	1.67%	0.84%	0.84%	2.09%	2.09%	1.67%	1.67%	1.67%	0.42%	2.09%	0.42%	0.00%
				21:00 ~ 22:00	70	*49*	**88**	21.59%	14.77%	7.95%	6.82%	6.82%	2.27%	3.41%	4.55%	2.27%	2.27%	5.68%	5.68%	4.55%	4.55%	3.41%	1.14%	1.14%	1.14%	0.00%
				22:00 ~ 23:00	70	*51*	**54**	20.37%	12.96%	5.56%	5.56%	5.56%	0.00%	1.85%	7.41%	1.85%	1.85%	7.41%	7.41%	7.41%	7.41%	5.56%	1.85%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	*51*	**36**	13.89%	2.78%	5.56%	5.56%	5.56%	0.00%	0.00%	8.33%	2.78%	2.78%	11.11%	11.11%	11.11%	8.33%	8.33%	2.78%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	E	LD	00:00 ~ 01:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*38*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**16**	18.75%	12.50%	0.00%	0.00%	0.00%	37.50%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	0.00%
				08:00 ~ 09:00	50	*38*	**30**	20.00%	10.00%	0.00%	0.00%	0.00%	36.67%	20.00%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*38*	**34**	20.59%	11.76%	0.00%	0.00%	0.00%	38.24%	17.65%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.82%	0.00%	0.00%
				10:00 ~ 11:00	50	*38*	**11**	18.18%	18.18%	0.00%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				11:00 ~ 12:00	50	*38*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*38*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**11**	18.18%	18.18%	0.00%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*38*	**7**	14.29%	14.29%	0.00%	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*38*	**11**	18.18%	18.18%	0.00%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**11**	18.18%	18.18%	0.00%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				19:00 ~ 20:00	50	*38*	**5**	20.00%	20.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*38*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-7	Siu Lang Shui Road Between unnamed Road And TM-8	W	LD	00:00 ~ 01:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*39*	**5**	20.00%	20.00%	0.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*39*	**18**	11.11%	16.67%	5.56%	5.56%	5.56%	27.78%	16.67%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%
				09:00 ~ 10:00	50	*39*	**22**	13.64%	18.18%	4.55%	4.55%	4.55%	27.27%	18.18%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%
				10:00 ~ 11:00	50	*39*	**20**	25.00%	10.00%	5.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*39*	**17**	23.53%	5.88%	5.88%	0.00%	0.00%	35.29%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				12:00 ~ 13:00	50	*39*	**17**	23.53%	5.88%	5.88%	0.00%	0.00%	35.29%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				13:00 ~ 14:00	50	*39*	**17**	23.53%	5.88%	5.88%	0.00%	0.00%	35.29%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**20**	25.00%	10.00%	5.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*39*	**17**	23.53%	5.88%	5.88%	0.00%	0.00%	35.29%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				16:00 ~ 17:00	50	*39*	**17**	23.53%	5.88%	5.88%	0.00%	0.00%	35.29%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				17:00 ~ 18:00	50	*39*	**20**	25.00%	10.00%	5.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*39*	**20**	25.00%	10.00%	5.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*39*	**9**	44.44%	11.11%	11.11%	0.00%	0.00%	11.11%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*39*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	N	LR	00:00 ~ 01:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*44*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*44*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	40.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*44*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*44*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*44*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*44*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*44*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*44*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*44*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*44*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*44*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*44*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*44*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-8	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	S	LR	00:00 ~ 01:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*43*	**6**	16.67%	0.00%	16.67%	16.67%	0.00%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**6**	16.67%	0.00%	0.00%	16.67%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*43*	**3**	33.33%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*43*	**4**	25.00%	25.00%	0.00%	0.00%	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*43*	**3**	33.33%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*43*	**4**	25.00%	25.00%	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*43*	**3**	33.33%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*43*	**3**	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*43*	**4**	25.00%	25.00%	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**2**	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*43*	**3**	33.33%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*43*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*43*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	E	LD	00:00 ~ 01:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*38*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**18**	16.67%	11.11%	0.00%	0.00%	0.00%	38.89%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				08:00 ~ 09:00	50	*38*	**35**	20.00%	8.57%	0.00%	0.00%	0.00%	37.14%	20.00%	5.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.57%	0.00%	0.00%
				09:00 ~ 10:00	50	*38*	**42**	23.81%	9.52%	0.00%	0.00%	0.00%	38.10%	16.67%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				10:00 ~ 11:00	50	*38*	**13**	23.08%	15.38%	0.00%	0.00%	0.00%	38.46%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				11:00 ~ 12:00	50	*38*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*38*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**13**	23.08%	15.38%	0.00%	0.00%	0.00%	38.46%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*38*	**8**	12.50%	12.50%	0.00%	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*38*	**13**	23.08%	15.38%	0.00%	0.00%	0.00%	38.46%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**13**	23.08%	15.38%	0.00%	0.00%	0.00%	38.46%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				19:00 ~ 20:00	50	*38*	**5**	20.00%	20.00%	0.00%	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*38*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*38*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-9	Siu Lang Shui Road Between Lung Fat Street And TM-8	W	LD	00:00 ~ 01:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*39*	**5**	20.00%	20.00%	0.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*39*	**24**	12.50%	12.50%	8.33%	8.33%	4.17%	25.00%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
				09:00 ~ 10:00	50	*39*	**28**	14.29%	14.29%	3.57%	7.14%	7.14%	25.00%	14.29%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				10:00 ~ 11:00	50	*39*	**23**	26.09%	8.70%	8.70%	0.00%	0.00%	34.78%	17.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%
				11:00 ~ 12:00	50	*39*	**21**	23.81%	9.52%	4.76%	0.00%	0.00%	33.33%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				12:00 ~ 13:00	50	*39*	**20**	25.00%	5.00%	10.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*39*	**21**	23.81%	9.52%	9.52%	0.00%	0.00%	33.33%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				14:00 ~ 15:00	50	*39*	**23**	26.09%	8.70%	8.70%	0.00%	0.00%	34.78%	17.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%
				15:00 ~ 16:00	50	*39*	**20**	20.00%	10.00%	5.00%	0.00%	0.00%	35.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*39*	**21**	23.81%	9.52%	9.52%	0.00%	0.00%	33.33%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				17:00 ~ 18:00	50	*39*	**22**	22.73%	9.09%	9.09%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	0.00%
				18:00 ~ 19:00	50	*39*	**23**	26.09%	8.70%	8.70%	0.00%	0.00%	34.78%	17.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	0.00%	0.00%
				19:00 ~ 20:00	50	*39*	**12**	41.67%	16.67%	16.67%	0.00%	0.00%	8.33%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*39*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*39*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*39*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	N	LD	00:00 ~ 01:00	50	*38*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*38*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*38*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*38*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*38*	**6**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*38*	**10**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*38*	**13**	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	84.62%	0.00%	0.00%
				07:00 ~ 08:00	50	*38*	**31**	9.68%	6.45%	0.00%	0.00%	0.00%	22.58%	12.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	48.39%	0.00%	0.00%
				08:00 ~ 09:00	50	*37*	**52**	13.46%	5.77%	0.00%	0.00%	0.00%	25.00%	13.46%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	38.46%	0.00%	0.00%
				09:00 ~ 10:00	50	*36*	**68**	14.71%	5.88%	0.00%	0.00%	0.00%	23.53%	10.29%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	42.65%	0.00%	0.00%
				10:00 ~ 11:00	50	*38*	**40**	7.50%	5.00%	0.00%	0.00%	0.00%	12.50%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*38*	**36**	2.78%	2.78%	0.00%	0.00%	0.00%	11.11%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	77.78%	0.00%	0.00%
				12:00 ~ 13:00	50	*38*	**26**	3.85%	3.85%	0.00%	0.00%	0.00%	15.38%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	69.23%	0.00%	0.00%
				13:00 ~ 14:00	50	*38*	**24**	4.17%	4.17%	0.00%	0.00%	0.00%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%
				14:00 ~ 15:00	50	*38*	**33**	9.09%	6.06%	0.00%	0.00%	0.00%	15.15%	6.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	63.64%	0.00%	0.00%
				15:00 ~ 16:00	50	*38*	**29**	3.45%	3.45%	0.00%	0.00%	0.00%	13.79%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.41%	0.00%	0.00%
				16:00 ~ 17:00	50	*38*	**29**	3.45%	3.45%	0.00%	0.00%	0.00%	13.79%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	72.41%	0.00%	0.00%
				17:00 ~ 18:00	50	*38*	**32**	9.38%	6.25%	0.00%	0.00%	0.00%	15.63%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	0.00%	0.00%
				18:00 ~ 19:00	50	*38*	**24**	12.50%	8.33%	0.00%	0.00%	0.00%	20.83%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*38*	**16**	6.25%	6.25%	0.00%	0.00%	0.00%	6.25%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	68.75%	0.00%	0.00%
				20:00 ~ 21:00	50	*38*	**8**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	87.50%	0.00%	0.00%
				21:00 ~ 22:00	50	*38*	**6**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*38*	**4**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*38*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
TM-10	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	S	LD	00:00 ~ 01:00	50	*39*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*39*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*39*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*39*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*39*	**4**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*39*	**7**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*39*	**7**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*39*	**12**	8.33%	8.33%	0.00%	0.00%	0.00%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.33%	0.00%	0.00%
				08:00 ~ 09:00	50	*37*	**35**	8.57%	8.57%	5.71%	5.71%	2.86%	17.14%	11.43%	5.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	34.29%	0.00%	0.00%
				09:00 ~ 10:00	50	*37*	**46**	8.70%	8.70%	2.17%	4.35%	4.35%	15.22%	8.70%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	43.48%	0.00%	0.00%
				10:00 ~ 11:00	50	*37*	**42**	14.29%	4.76%	4.76%	0.00%	0.00%	19.05%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	47.62%	0.00%	0.00%
				11:00 ~ 12:00	50	*37*	**40**	12.50%	5.00%	2.50%	0.00%	0.00%	17.50%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	52.50%	0.00%	0.00%
				12:00 ~ 13:00	50	*37*	**43**	11.63%	2.33%	4.65%	0.00%	0.00%	16.28%	9.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	55.81%	0.00%	0.00%
				13:00 ~ 14:00	50	*37*	**42**	11.90%	4.76%	4.76%	0.00%	0.00%	16.67%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	52.38%	0.00%	0.00%
				14:00 ~ 15:00	50	*37*	**48**	12.50%	4.17%	4.17%	0.00%	0.00%	16.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	54.17%	0.00%	0.00%
				15:00 ~ 16:00	50	*37*	**47**	8.51%	4.26%	2.13%	0.00%	0.00%	14.89%	8.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	61.70%	0.00%	0.00%
				16:00 ~ 17:00	50	*37*	**48**	10.42%	4.17%	4.17%	0.00%	0.00%	14.58%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.33%	0.00%	0.00%
				17:00 ~ 18:00	50	*37*	**45**	11.11%	4.44%	4.44%	0.00%	0.00%	17.78%	8.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	0.00%	0.00%
				18:00 ~ 19:00	50	*37*	**38**	15.79%	5.26%	5.26%	0.00%	0.00%	21.05%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	42.11%	0.00%	0.00%
				19:00 ~ 20:00	50	*38*	**25**	20.00%	8.00%	8.00%	0.00%	0.00%	4.00%	8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	52.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*39*	**11**	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	81.82%	0.00%	0.00%
				21:00 ~ 22:00	50	*39*	**8**	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	87.50%	0.00%	0.00%
				22:00 ~ 23:00	50	*39*	**5**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*39*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	E	LD	00:00 ~ 01:00	70	*53*	**17**	17.65%	17.65%	11.76%	5.88%	5.88%	0.00%	0.00%	11.76%	0.00%	0.00%	5.88%	5.88%	5.88%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	70	*53*	**9**	11.11%	22.22%	33.33%	11.11%	11.11%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	70	*53*	**10**	20.00%	20.00%	30.00%	10.00%	10.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	70	*54*	**8**	12.50%	25.00%	25.00%	12.50%	12.50%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*54*	**6**	16.67%	33.33%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	*54*	**12**	25.00%	8.33%	16.67%	16.67%	16.67%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				06:00 ~ 07:00	70	*51*	**43**	25.58%	16.28%	13.95%	11.63%	11.63%	2.33%	0.00%	2.33%	0.00%	0.00%	2.33%	2.33%	2.33%	2.33%	2.33%	0.00%	4.65%	0.00%	0.00%
				07:00 ~ 08:00	70	*37*	**71**	29.58%	18.31%	15.49%	9.86%	9.86%	2.82%	1.41%	2.82%	0.00%	0.00%	1.41%	1.41%	1.41%	1.41%	1.41%	0.00%	2.82%	0.00%	0.00%
				08:00 ~ 09:00	70	*35*	**218**	14.22%	9.63%	7.80%	5.50%	5.96%	39.91%	7.34%	0.92%	0.00%	0.00%	0.92%	0.92%	0.92%	0.92%	0.92%	0.00%	4.13%	0.00%	0.00%
				09:00 ~ 10:00	70	*35*	**261**	13.03%	8.43%	7.28%	4.60%	4.60%	42.91%	8.43%	0.77%	0.00%	0.00%	0.77%	0.77%	0.77%	0.77%	0.77%	0.00%	6.13%	0.00%	0.00%
				10:00 ~ 11:00	70	*34*	**356**	26.69%	13.20%	5.90%	4.49%	2.81%	24.44%	3.37%	1.69%	0.84%	0.84%	2.81%	2.81%	2.25%	1.97%	1.69%	1.40%	2.53%	0.28%	0.00%
				11:00 ~ 12:00	70	*43*	**372**	30.11%	17.20%	5.65%	4.57%	2.96%	21.77%	1.88%	1.34%	0.81%	0.81%	2.15%	2.15%	1.88%	1.61%	1.61%	1.34%	1.88%	0.27%	0.00%
				12:00 ~ 13:00	70	*43*	**342**	25.15%	16.67%	5.85%	4.68%	3.22%	22.51%	4.68%	1.46%	0.58%	0.58%	2.34%	2.34%	2.05%	1.75%	1.46%	1.46%	2.92%	0.29%	0.00%
				13:00 ~ 14:00	70	*43*	**306**	27.12%	17.32%	5.88%	4.90%	3.27%	21.24%	3.59%	1.63%	0.65%	0.65%	2.29%	2.29%	1.96%	1.96%	1.63%	1.31%	1.96%	0.33%	0.00%
				14:00 ~ 15:00	70	*41*	**358**	25.98%	16.20%	5.59%	4.75%	3.07%	21.23%	5.31%	1.40%	0.84%	0.84%	2.23%	2.23%	1.96%	1.96%	1.68%	1.40%	3.07%	0.28%	0.00%
				15:00 ~ 16:00	70	*49*	**359**	26.18%	16.16%	5.85%	4.74%	3.06%	23.40%	3.62%	1.39%	0.84%	0.84%	2.23%	2.23%	1.95%	1.67%	1.67%	1.39%	2.51%	0.28%	0.00%
				16:00 ~ 17:00	70	*34*	**340**	26.76%	16.76%	5.88%	5.29%	3.53%	24.12%	1.47%	1.47%	0.59%	0.59%	2.35%	2.35%	2.06%	1.76%	1.76%	1.47%	1.47%	0.29%	0.00%
				17:00 ~ 18:00	70	*34*	**343**	27.41%	16.91%	5.83%	4.96%	3.21%	20.99%	3.21%	1.46%	0.87%	0.87%	2.33%	2.33%	2.04%	2.04%	1.75%	1.46%	2.04%	0.29%	0.00%
				18:00 ~ 19:00	70	*34*	**357**	27.17%	17.09%	5.88%	4.20%	2.24%	17.65%	5.88%	1.68%	0.84%	0.84%	2.80%	2.80%	2.24%	1.96%	1.68%	1.40%	3.36%	0.28%	0.00%
				19:00 ~ 20:00	70	*35*	**246**	34.96%	22.76%	8.13%	6.50%	4.47%	1.22%	0.81%	2.03%	0.81%	0.81%	3.25%	3.25%	2.85%	2.44%	2.03%	2.03%	1.22%	0.41%	0.00%
				20:00 ~ 21:00	70	*35*	**248**	32.66%	20.97%	12.10%	8.47%	7.26%	1.21%	0.81%	1.61%	0.81%	0.81%	2.42%	2.42%	2.02%	2.02%	1.61%	1.61%	0.81%	0.40%	0.00%
				21:00 ~ 22:00	70	*51*	**103**	15.53%	15.53%	14.56%	5.83%	9.71%	0.97%	2.91%	3.88%	1.94%	1.94%	4.85%	4.85%	3.88%	3.88%	3.88%	2.91%	1.94%	0.97%	0.00%
				22:00 ~ 23:00	70	*51*	**49**	8.16%	2.04%	10.20%	6.12%	4.08%	0.00%	2.04%	6.12%	4.08%	4.08%	10.20%	10.20%	8.16%	8.16%	6.12%	6.12%	2.04%	2.04%	0.00%
				23:00 ~ 00:00	70	*53*	**39**	10.26%	2.56%	5.13%	2.56%	2.56%	0.00%	0.00%	7.69%	2.56%	2.56%	12.82%	12.82%	10.26%	10.26%	7.69%	7.69%	0.00%	2.56%	0.00%
TM-11	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	W	LD	00:00 ~ 01:00	70	*51*	**18**	16.67%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	5.56%	5.56%	11.11%	11.11%	11.11%	11.11%	5.56%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	70	*52*	**12**	25.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	8.33%	8.33%	8.33%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	70	*52*	**9**	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	11.11%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	70	*52*	**9**	0.00%	0.00%	0.00%	22.22%	22.22%	0.00%	0.00%	11.11%	0.00%	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*52*	**13**	7.69%	7.69%	7.69%	15.38%	15.38%	0.00%	0.00%	7.69%	0.00%	0.00%	7.69%	7.69%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%
				05:00 ~ 06:00	70	*52*	**27**	18.52%	14.81%	14.81%	14.81%	14.81%	0.00%	0.00%	3.70%	0.00%	0.00%	3.70%	3.70%	3.70%	3.70%	0.00%	0.00%	3.70%	0.00%	0.00%
				06:00 ~ 07:00	70	*50*	**48**	31.25%	10.42%	14.58%	8.33%	8.33%	2.08%	6.25%	4.17%	0.00%	0.00%	2.08%	2.08%	2.08%	2.08%	2.08%	0.00%	4.17%	0.00%	0.00%
				07:00 ~ 08:00	70	*33*	**174**	46.55%	25.29%	5.75%	1.72%	1.72%	2.30%	4.60%	2.30%	0.57%	0.57%	1.15%	1.15%	1.15%	1.15%	0.57%	0.57%	2.87%	0.00%	0.00%
				08:00 ~ 09:00	70	*32*	**439**	25.06%	12.07%	5.69%	3.42%	3.42%	24.60%	13.44%	0.91%	0.23%	0.23%	0.68%	0.68%	0.68%	0.68%	0.46%	0.23%	7.52%	0.00%	0.00%
				09:00 ~ 10:00	70	*32*	**495**	23.43%	11.52%	5.86%	3.43%	3.43%	26.67%	13.13%	0.81%	0.20%	0.20%	0.81%	0.81%	0.81%	0.81%	0.40%	0.20%	7.47%	0.00%	0.00%
				10:00 ~ 11:00	70	*32*	**433**	26.79%	7.85%	9.24%	8.55%	8.55%	20.32%	5.31%	1.39%	0.46%	0.46%	1.62%	1.62%	1.39%	1.39%	1.15%	0.23%	3.46%	0.23%	0.00%
				11:00 ~ 12:00	70	*40*	**392**	26.28%	6.12%	9.69%	8.67%	8.67%	20.92%	5.36%	1.53%	0.51%	0.51%	1.79%	1.79%	1.53%	1.53%	1.28%	0.26%	3.32%	0.26%	0.00%
				12:00 ~ 13:00	70	*40*	**370**	25.95%	6.22%	9.46%	8.65%	8.65%	21.35%	5.68%	1.35%	0.54%	0.54%	1.62%	1.62%	1.35%	1.35%	1.08%	0.27%	4.05%	0.27%	0.00%
				13:00 ~ 14:00	70	*41*	**351**	25.93%	5.98%	9.69%	8.83%	8.83%	19.37%	6.55%	1.42%	0.57%	0.57%	1.71%	1.71%	1.42%	1.42%	1.14%	0.28%	4.27%	0.28%	0.00%
				14:00 ~ 15:00	70	*41*	**400**	25.50%	5.75%	9.75%	8.75%	8.75%	19.50%	6.75%	1.50%	0.50%	0.50%	1.75%	1.75%	1.50%	1.50%	1.25%	0.25%	4.50%	0.25%	0.00%
				15:00 ~ 16:00	70	*38*	**411**	25.06%	5.84%	9.25%	8.27%	8.27%	20.92%	7.06%	1.46%	0.49%	0.49%	1.70%	1.70%	1.46%	1.46%	1.22%	0.24%	4.87%	0.24%	0.00%
				16:00 ~ 17:00	70	*32*	**388**	26.29%	6.19%	9.54%	8.76%	8.76%	21.65%	4.64%	1.55%	0.52%	0.52%	1.80%	1.80%	1.55%	1.55%	1.29%	0.26%	3.09%	0.26%	0.00%
				17:00 ~ 18:00	70	*32*	**362**	25.14%	6.35%	10.77%	9.67%	9.67%	20.44%	3.59%	1.66%	0.55%	0.55%	1.93%	1.93%	1.66%	1.66%	1.38%	0.28%	2.49%	0.28%	0.00%
				18:00 ~ 19:00	70	*32*	**393**	26.46%	5.60%	9.92%	9.16%	9.16%	17.05%	7.38%	1.53%	0.51%	0.51%	1.78%	1.78%	1.53%	1.53%	1.27%	0.25%	4.33%	0.25%	0.00%
				19:00 ~ 20:00	70	*33*	**273**	35.16%	8.42%	12.82%	11.72%	11.72%	2.56%	2.20%	1.83%	0.73%	0.73%	2.20%	2.20%	1.83%	1.83%	1.47%	0.37%	1.83%	0.37%	0.00%
				20:00 ~ 21:00	70	*33*	**207**	28.99%	8.70%	14.01%	12.56%	12.56%	3.38%	2.90%	1.93%	0.97%	0.97%	2.42%	2.42%	1.93%	1.93%	1.93%	0.48%	1.45%	0.48%	0.00%
				21:00 ~ 22:00	70	*49*	**77**	19.48%	12.99%	6.49%	6.49%	6.49%	2.60%	2.60%	5.19%	2.60%	2.60%	6.49%	6.49%	5.19%	5.19%	3.90%	1.30%	2.60%	1.30%	0.00%
				22:00 ~ 23:00	70	*51*	**44**	15.91%	9.09%	2.27%	4.55%	4.55%	0.00%	2.27%	9.09%	2.27%	2.27%	9.09%	9.09%	9.09%	9.09%	6.82%	2.27%	2.27%	0.00%	0.00%
				23:00 ~ 00:00	70	*51*	**30**	10.00%	0.00%	3.33%	3.33%	3.33%	0.00%	0.00%	10.00%	3.33%	3.33%	13.33%	13.33%	13.33%	10.00%	10.00%	3.33%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-12	Access Road To ECO Park From Lung Mun Road	N	LR	00:00 ~ 01:00	50	*31*	**3**	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*31*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*31*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*31*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*31*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*31*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*31*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*31*	**11**	18.18%	9.09%	9.09%	9.09%	9.09%	9.09%	27.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				08:00 ~ 09:00	50	*31*	**27**	11.11%	7.41%	7.41%	3.70%	3.70%	11.11%	40.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.81%	0.00%	0.00%
				09:00 ~ 10:00	50	*31*	**29**	10.34%	6.90%	6.90%	3.45%	3.45%	10.34%	41.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.24%	0.00%	0.00%
				10:00 ~ 11:00	50	*31*	**43**	23.26%	9.30%	13.95%	11.63%	11.63%	4.65%	18.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.98%	0.00%	0.00%
				11:00 ~ 12:00	50	*31*	**44**	22.73%	11.36%	13.64%	11.36%	11.36%	4.55%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.82%	0.00%	0.00%
				12:00 ~ 13:00	50	*31*	**39**	25.64%	10.26%	12.82%	10.26%	10.26%	5.13%	17.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				13:00 ~ 14:00	50	*31*	**36**	22.22%	11.11%	13.89%	11.11%	11.11%	5.56%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				14:00 ~ 15:00	50	*31*	**42**	23.81%	9.52%	14.29%	11.90%	11.90%	4.76%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				15:00 ~ 16:00	50	*31*	**44**	22.73%	11.36%	13.64%	11.36%	11.36%	4.55%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.82%	0.00%	0.00%
				16:00 ~ 17:00	50	*31*	**42**	23.81%	11.90%	14.29%	9.52%	9.52%	4.76%	19.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				17:00 ~ 18:00	50	*31*	**42**	23.81%	9.52%	14.29%	11.90%	11.90%	4.76%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				18:00 ~ 19:00	50	*31*	**42**	23.81%	9.52%	14.29%	11.90%	11.90%	4.76%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				19:00 ~ 20:00	50	*31*	**29**	34.48%	13.79%	17.24%	13.79%	13.79%	0.00%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*31*	**27**	29.63%	14.81%	14.81%	14.81%	14.81%	0.00%	7.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	0.00%	0.00%
				21:00 ~ 22:00	50	*31*	**13**	61.54%	38.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*31*	**11**	63.64%	36.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*31*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-12	Access Road To ECO Park From Lung Mun Road	S	LR	00:00 ~ 01:00	50	*31*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*31*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*31*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*31*	**3**	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*31*	**3**	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*31*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*31*	**7**	42.86%	0.00%	28.57%	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*31*	**26**	26.92%	15.38%	15.38%	11.54%	11.54%	3.85%	11.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.85%	0.00%	0.00%
				08:00 ~ 09:00	50	*31*	**65**	18.46%	10.77%	9.23%	7.69%	7.69%	6.15%	27.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.31%	0.00%	0.00%
				09:00 ~ 10:00	50	*31*	**70**	18.57%	10.00%	8.57%	7.14%	7.14%	7.14%	27.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				10:00 ~ 11:00	50	*31*	**35**	22.86%	17.14%	2.86%	2.86%	2.86%	8.57%	31.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.43%	0.00%	0.00%
				11:00 ~ 12:00	50	*31*	**30**	20.00%	16.67%	3.33%	3.33%	3.33%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				12:00 ~ 13:00	50	*31*	**30**	20.00%	16.67%	3.33%	3.33%	3.33%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				13:00 ~ 14:00	50	*31*	**28**	21.43%	17.86%	3.57%	3.57%	3.57%	7.14%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				14:00 ~ 15:00	50	*31*	**34**	20.59%	17.65%	2.94%	2.94%	2.94%	8.82%	32.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				15:00 ~ 16:00	50	*31*	**30**	20.00%	16.67%	3.33%	3.33%	3.33%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				16:00 ~ 17:00	50	*31*	**30**	20.00%	16.67%	3.33%	3.33%	3.33%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				17:00 ~ 18:00	50	*31*	**34**	20.59%	17.65%	2.94%	2.94%	2.94%	8.82%	32.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				18:00 ~ 19:00	50	*31*	**34**	20.59%	17.65%	2.94%	2.94%	2.94%	8.82%	32.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.76%	0.00%	0.00%
				19:00 ~ 20:00	50	*31*	**30**	20.00%	16.67%	3.33%	3.33%	3.33%	6.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	0.00%	0.00%
				20:00 ~ 21:00	50	*31*	**18**	22.22%	16.67%	5.56%	5.56%	5.56%	5.56%	27.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%
				21:00 ~ 22:00	50	*31*	**4**	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*31*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*31*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	E	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*50*	**2**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*50*	**2**	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*49*	**6**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*48*	**9**	22.22%	0.00%	22.22%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	22.22%	0.00%	0.00%
				14:00 ~ 15:00	50	*48*	**8**	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**3**	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**5**	0.00%	0.00%	20.00%	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*49*	**4**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*50*	**1**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-13	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	W	LD	00:00 ~ 01:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*50*	**2**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				09:00 ~ 10:00	50	*49*	**4**	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*49*	**3**	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*50*	**2**	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*49*	**4**	25.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*49*	**5**	0.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*49*	**6**	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				15:00 ~ 16:00	50	*49*	**7**	14.29%	0.00%	14.29%	0.00%	0.00%	28.57%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
				16:00 ~ 17:00	50	*49*	**6**	0.00%	0.00%	16.67%	0.00%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*50*	**2**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*49*	**5**	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*0*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	E	LD	00:00 ~ 01:00	70	53	13	7.69%	15.38%	7.69%	7.69%	7.69%	0.00%	0.00%	15.38%	0.00%	0.00%	7.69%	7.69%	7.69%	7.69%	7.69%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	70	53	6	0.00%	16.67%	33.33%	16.67%	16.67%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	70	53	8	12.50%	12.50%	37.50%	12.50%	12.50%	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	70	54	6	0.00%	33.33%	16.67%	16.67%	16.67%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	70	54	6	16.67%	33.33%	16.67%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%
				05:00 ~ 06:00	70	54	11	18.18%	9.09%	18.18%	18.18%	18.18%	0.00%	0.00%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				06:00 ~ 07:00	70	51	34	20.59%	17.65%	14.71%	11.76%	11.76%	0.00%	0.00%	2.94%	0.00%	0.00%	2.94%	2.94%	2.94%	2.94%	2.94%	0.00%	5.88%	0.00%	0.00%
				07:00 ~ 08:00	70	37	44	34.09%	18.18%	13.64%	9.09%	9.09%	0.00%	2.27%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	2.27%	0.00%	4.55%	0.00%	0.00%
				08:00 ~ 09:00	70	35	147	13.61%	10.20%	6.80%	4.08%	4.76%	50.34%	2.04%	1.36%	0.00%	0.00%	0.68%	0.68%	0.68%	1.36%	1.36%	0.00%	2.04%	0.00%	0.00%
				09:00 ~ 10:00	70	35	181	12.15%	8.29%	6.63%	3.31%	3.31%	53.04%	4.42%	1.10%	0.00%	0.00%	0.55%	0.55%	0.55%	1.10%	1.10%	0.00%	3.87%	0.00%	0.00%
				10:00 ~ 11:00	70	34	278	28.78%	14.39%	4.32%	3.60%	1.44%	26.62%	1.08%	2.16%	1.08%	1.08%	2.52%	2.52%	2.16%	2.52%	2.16%	1.44%	1.80%	0.36%	0.00%
				11:00 ~ 12:00	70	43	305	31.80%	19.02%	3.93%	3.61%	1.64%	23.61%	0.33%	1.64%	0.98%	0.98%	1.97%	1.97%	1.64%	1.97%	1.97%	1.31%	1.31%	0.33%	0.00%
				12:00 ~ 13:00	70	43	271	26.94%	19.19%	4.43%	3.69%	1.85%	23.62%	2.58%	1.85%	0.74%	0.74%	2.21%	2.21%	1.85%	2.21%	1.85%	1.48%	2.21%	0.37%	0.00%
				13:00 ~ 14:00	70	43	242	29.34%	19.42%	4.13%	4.13%	2.07%	22.73%	1.24%	2.07%	0.83%	0.83%	2.07%	2.07%	1.65%	2.48%	2.07%	1.24%	1.24%	0.41%	0.00%
				14:00 ~ 15:00	70	41	287	27.53%	18.47%	4.18%	4.18%	2.09%	21.60%	3.48%	1.74%	1.05%	1.05%	2.09%	2.09%	1.74%	2.44%	2.09%	1.39%	2.44%	0.35%	0.00%
				15:00 ~ 16:00	70	49	286	27.97%	18.18%	4.20%	3.85%	1.75%	25.17%	1.40%	1.75%	1.05%	1.05%	2.10%	2.10%	1.75%	2.10%	2.10%	1.40%	1.75%	0.35%	0.00%
				16:00 ~ 17:00	70	34	277	27.80%	18.41%	3.97%	4.33%	2.17%	24.91%	1.44%	1.81%	0.72%	0.72%	2.17%	2.17%	1.81%	2.17%	2.17%	1.44%	1.44%	0.36%	0.00%
				17:00 ~ 18:00	70	34	274	29.20%	19.34%	4.38%	4.38%	2.19%	21.53%	0.73%	1.82%	1.09%	1.09%	2.19%	2.19%	1.82%	2.55%	2.19%	1.46%	1.46%	0.36%	0.00%
				18:00 ~ 19:00	70	34	285	29.12%	19.30%	4.21%	2.81%	1.05%	18.60%	4.56%	2.11%	1.05%	1.05%	2.46%	2.46%	2.11%	2.46%	2.11%	1.40%	2.81%	0.35%	0.00%
				19:00 ~ 20:00	70	35	203	35.96%	25.12%	5.91%	4.93%	2.46%	0.49%	0.49%	2.46%	0.99%	0.99%	3.94%	3.94%	3.45%	2.96%	2.46%	1.97%	0.99%	0.49%	0.00%
				20:00 ~ 21:00	70	35	228	32.46%	21.93%	11.84%	7.89%	7.02%	0.88%	0.88%	1.75%	0.88%	0.88%	2.63%	2.63%	2.19%	2.19%	1.75%	1.32%	0.44%	0.44%	0.00%
				21:00 ~ 22:00	70	51	89	14.61%	14.61%	13.48%	5.62%	8.99%	0.00%	2.25%	4.49%	2.25%	2.25%	5.62%	5.62%	4.49%	4.49%	4.49%	3.37%	2.25%	1.12%	0.00%
				22:00 ~ 23:00	70	51	42	0.00%	0.00%	9.52%	7.14%	4.76%	0.00%	2.38%	7.14%	4.76%	4.76%	11.90%	11.90%	9.52%	9.52%	7.14%	4.76%	2.38%	2.38%	0.00%
				23:00 ~ 00:00	70	53	38	10.53%	2.63%	5.26%	0.00%	2.63%	0.00%	0.00%	7.89%	2.63%	2.63%	13.16%	13.16%	10.53%	10.53%	7.89%	7.89%	0.00%	2.63%	0.00%
TM-14	Lung Mun Road Between Lung Yiu Street And The Project Boundary	W	LD	00:00 ~ 01:00	70	51	15	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	6.67%	6.67%	13.33%	13.33%	13.33%	13.33%	6.67%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	70	52	11	18.18%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	0.00%	9.09%	9.09%	9.09%	9.09%	9.09%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	70	52	9	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	11.11%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	70	52	9	0.00%	0.00%	0.00%	22.22%	22.22%	0.00%	0.00%	11.11%	0.00%	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	70	52	13	7.69%	7.69%	7.69%	15.38%	15.38%	0.00%	0.00%	7.69%	0.00%	0.00%	7.69%	7.69%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%
				05:00 ~ 06:00	70	52	24	12.50%	16.67%	12.50%	16.67%	16.67%	0.00%	0.00%	4.17%	0.00%	0.00%	4.17%	4.17%	4.17%	4.17%	0.00%	0.00%	4.17%	0.00%	0.00%
				06:00 ~ 07:00	70	50	24	25.00%	4.17%	12.50%	4.17%	4.17%	8.33%	8.33%	8.33%	0.00%	0.00%	4.17%	4.17%	4.17%	4.17%	4.17%	0.00%	4.17%	0.00%	0.00%
				07:00 ~ 08:00	70	33	127	51.18%	27.56%	0.79%	0.00%	0.00%	1.57%	5.51%	3.15%	0.79%	0.79%	0.79%	0.79%	0.79%	1.57%	0.79%	0.79%	3.15%	0.00%	0.00%
				08:00 ~ 09:00	70	32	321	26.79%	11.84%	3.74%	1.25%	1.25%	28.04%	13.71%	1.25%	0.31%	0.31%	0.62%	0.62%	0.62%	0.93%	0.62%	0.31%	7.79%	0.00%	0.00%
				09:00 ~ 10:00	70	32	369	24.66%	11.11%	4.07%	1.36%	1.36%	30.35%	13.55%	1.08%	0.27%	0.27%	0.81%	0.81%	0.81%	1.08%	0.54%	0.27%	7.59%	0.00%	0.00%
				10:00 ~ 11:00	70	32	379	27.18%	7.12%	9.50%	8.44%	8.71%	20.58%	4.49%	1.58%	0.53%	0.53%	1.85%	1.85%	1.58%	1.58%	1.32%	0.26%	2.64%	0.26%	0.00%
				11:00 ~ 12:00	70	40	349	26.36%	5.44%	10.03%	8.60%	8.88%	21.20%	4.30%	1.72%	0.57%	0.57%	2.01%	2.01%	1.72%	1.72%	1.43%	0.29%	2.87%	0.29%	0.00%
				12:00 ~ 13:00	70	40	329	26.14%	5.47%	9.73%	8.81%	9.12%	21.58%	4.86%	1.52%	0.61%	0.61%	1.82%	1.82%	1.52%	1.52%	1.22%	0.30%	3.04%	0.30%	0.00%
				13:00 ~ 14:00	70	41	308	25.97%	5.19%	10.39%	8.77%	9.42%	19.16%	5.52%	1.62%	0.65%	0.65%	1.95%	1.95%	1.62%	1.62%	1.30%	0.32%	3.57%	0.32%	0.00%
				14:00 ~ 15:00	70	41	350	25.71%	4.86%	10.00%	8.57%	8.86%	19.43%	6.00%	1.71%	0.57%	0.57%	2.00%	2.00%	1.71%	1.71%	1.43%	0.29%	4.29%	0.29%	0.00%
				15:00 ~ 16:00	70	38	367	25.07%	5.18%	9.54%	8.17%	8.45%	20.98%	6.27%	1.63%	0.54%	0.54%	1.91%	1.91%	1.63%	1.63%	1.36%	0.27%	4.63%	0.27%	0.00%
				16:00 ~ 17:00	70	32	345	26.38%	5.51%	9.86%	8.70%	8.99%	22.03%	3.48%	1.74%	0.58%	0.58%	2.03%	2.03%	1.74%	1.74%	1.45%	0.29%	2.61%	0.29%	0.00%
				17:00 ~ 18:00	70	32	310	25.48%	5.48%	11.29%	9.68%	10.00%	20.32%	1.94%	1.94%	0.65%	0.65%	2.26%	2.26%	1.94%	1.94%	1.61%	0.32%	1.94%	0.32%	0.00%
				18:00 ~ 19:00	70	32	341	26.98%	4.69%	10.26%	9.09%	9.38%	16.72%	6.45%	1.76%	0.59%	0.59%	2.05%	2.05%	1.76%	1.76%	1.47%	0.29%	3.81%	0.29%	0.00%
				19:00 ~ 20:00	70	33	248	34.68%	7.26%	12.90%	11.69%	12.10%	2.42%	2.42%	2.02%	0.81%	0.81%	2.42%	2.42%	2.02%	2.02%	1.61%	0.40%	1.61%	0.40%	0.00%
				20:00 ~ 21:00	70	33	190	28.42%	8.42%	14.21%	12.63%	13.16%	2.63%	2.11%	2.11%	1.05%	1.05%	2.63%	2.63%	2.11%	2.11%	2.11%	0.53%	1.58%	0.53%	0.00%
				21:00 ~ 22:00	70	49	69	17.39%	11.59%	5.80%	5.80%	5.80%	2.90%	2.90%	5.80%	2.90%	2.90%	7.25%	7.25%	5.80%	5.80%	4.35%	1.45%	2.90%	1.45%	0.00%
				22:00 ~ 23:00	70	51	38	13.16%	7.89%	0.00%	2.63%	2.63%	0.00%	2.63%	10.53%	2.63%	2.63%	10.53%	10.53%	10.53%	10.53%	7.89%	2.63%	2.63%	0.00%	0.00%
				23:00 ~ 00:00	70	51	27	7.41%	0.00%	3.70%	0.00%	0.00%	0.00%	0.00%	11.11%	3.70%	3.70%	14.81%	14.81%	14.81%	11.11%	11.11%	3.70%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	E	LD	00:00 ~ 01:00	50	45	2	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	45	1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	45	2	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	45	2	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	45	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	45	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	45	3	66.67%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	45	19	21.05%	15.79%	15.79%	10.53%	10.53%	5.26%	5.26%	0.00%	0.00%	0.00%	5.26%	5.26%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	45	42	14.29%	9.52%	9.52%	7.14%	7.14%	19.05%	19.05%	0.00%	0.00%	0.00%	2.38%	2.38%	2.38%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				09:00 ~ 10:00	50	45	47	14.89%	10.64%	8.51%	6.38%	6.38%	21.28%	17.02%	0.00%	0.00%	0.00%	2.13%	2.13%	2.13%	0.00%	0.00%	0.00%	8.51%	0.00%	0.00%
				10:00 ~ 11:00	50	45	34	14.71%	2.94%	8.82%	2.94%	2.94%	29.41%	17.65%	0.00%	0.00%	0.00%	2.94%	2.94%	2.94%	0.00%	0.00%	2.94%	8.82%	0.00%	0.00%
				11:00 ~ 12:00	50	45	26	15.38%	3.85%	11.54%	7.69%	7.69%	19.23%	15.38%	0.00%	0.00%	0.00%	3.85%	3.85%	3.85%	0.00%	0.00%	3.85%	3.85%	0.00%	0.00%
				12:00 ~ 13:00	50	45	31	12.90%	0.00%	9.68%	6.45%	6.45%	25.81%	19.35%	0.00%	0.00%	0.00%	3.23%	3.23%	3.23%	0.00%	0.00%	3.23%	6.45%	0.00%	0.00%
				13:00 ~ 14:00	50	45	28	14.29%	3.57%	10.71%	3.57%	3.57%	25.00%	17.86%	0.00%	0.00%	0.00%	3.57%	3.57%	3.57%	0.00%	0.00%	3.57%	7.14%	0.00%	0.00%
				14:00 ~ 15:00	50	45	31	12.90%	0.00%	6.45%	3.23%	3.23%	32.26%	19.35%	0.00%	0.00%	0.00%	3.23%	3.23%	3.23%	0.00%	0.00%	3.23%	9.68%	0.00%	0.00%
				15:00 ~ 16:00	50	45	32	12.50%	3.13%	9.38%	6.25%	6.25%	25.00%	18.75%	0.00%	0.00%	0.00%	3.13%	3.13%	3.13%	0.00%	0.00%	3.13%	6.25%	0.00%	0.00%
				16:00 ~ 17:00	50	45	32	12.50%	3.13%	9.38%	6.25%	6.25%	25.00%	18.75%	0.00%	0.00%	0.00%	3.13%	3.13%	3.13%	0.00%	0.00%	3.13%	6.25%	0.00%	0.00%
				17:00 ~ 18:00	50	45	28	14.29%	0.00%	7.14%	3.57%	3.57%	28.57%	21.43%	0.00%	0.00%	0.00%	3.57%	3.57%	3.57%	0.00%	0.00%	3.57%	7.14%	0.00%	0.00%
				18:00 ~ 19:00	50	45	30	13.33%	3.33%	10.00%	6.67%	6.67%	23.33%	16.67%	0.00%	0.00%	0.00%	3.33%	3.33%	3.33%	0.00%	0.00%	3.33%	6.67%	0.00%	0.00%
				19:00 ~ 20:00	50	45	14	28.57%	0.00%	21.43%	14.29%	14.29%	7.14%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	45	6	33.33%	16.67%	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	45	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	45	4	50.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	45	1	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-15	Lung Yiu Street Between Lung Hong Street And The Project Boundary	W	LD	00:00 ~ 01:00	50	45	3	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	45	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	45	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	45	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	45	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	45	2	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	45	16	31.25%	18.75%	18.75%	12.50%	12.50%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	45	28	39.29%	21.43%	21.43%	0.00%	0.00%	3.57%	3.57%	0.00%	0.00%	0.00%	3.57%	3.57%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	45	78	23.08%	12.82%	12.82%	7.69%	7.69%	14.10%	12.82%	0.00%	0.00%	0.00%	1.28%	1.28%	1.28%	0.00%	0.00%	0.00%	5.13%	0.00%	0.00%
				09:00 ~ 10:00	50	45	85	21.18%	12.94%	11.76%	8.24%	8.24%	15.29%	12.94%	0.00%	0.00%	0.00%	1.18%	1.18%	1.18%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				10:00 ~ 11:00	50	45	25	24.00%	4.00%	4.00%	8.00%	4.00%	28.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.00%	0.00%	0.00%
				11:00 ~ 12:00	50	45	24	20.83%	4.17%	4.17%	8.33%	4.17%	29.17%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				12:00 ~ 13:00	50	45	22	22.73%	4.55%	4.55%	4.55%	0.00%	31.82%	22.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				13:00 ~ 14:00	50	45	21	23.81%	4.76%	0.00%	4.76%	0.00%	33.33%	23.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.52%	0.00%	0.00%
				14:00 ~ 15:00	50	45	26	19.23%	3.85%	3.85%	7.69%	3.85%	30.77%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				15:00 ~ 16:00	50	45	24	20.83%	4.17%	4.17%	8.33%	4.17%	29.17%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				16:00 ~ 17:00	50	45	24	20.83%	4.17%	4.17%	8.33%	4.17%	29.17%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				17:00 ~ 18:00	50	45	26	19.23%	3.85%	3.85%	7.69%	3.85%	30.77%	23.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				18:00 ~ 19:00	50	45	24	20.83%	4.17%	4.17%	8.33%	4.17%	29.17%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				19:00 ~ 20:00	50	45	8	62.50%	12.50%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	45	6	50.00%	0.00%	0.00%	16.67%	0.00%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	45	5	20.00%	20.00%	20.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	45	6	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	45	3	33.33%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	N	LD	00:00 ~ 01:00	50	*43*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*43*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*43*	**5**	20.00%	20.00%	20.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*43*	**8**	25.00%	12.50%	12.50%	12.50%	12.50%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*43*	**22**	18.18%	9.09%	9.09%	9.09%	9.09%	18.18%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	0.00%
				09:00 ~ 10:00	50	*43*	**24**	16.67%	8.33%	8.33%	8.33%	8.33%	20.83%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%
				10:00 ~ 11:00	50	*43*	**37**	27.03%	13.51%	13.51%	10.81%	10.81%	8.11%	5.41%	0.00%	0.00%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%
				11:00 ~ 12:00	50	*43*	**37**	27.03%	13.51%	13.51%	8.11%	8.11%	10.81%	8.11%	0.00%	0.00%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%
				12:00 ~ 13:00	50	*43*	**32**	25.00%	15.63%	12.50%	9.38%	9.38%	9.38%	6.25%	0.00%	0.00%	0.00%	3.13%	3.13%	3.13%	0.00%	0.00%	0.00%	3.13%	0.00%	0.00%
				13:00 ~ 14:00	50	*43*	**31**	25.81%	12.90%	12.90%	9.68%	9.68%	9.68%	6.45%	0.00%	0.00%	0.00%	3.23%	3.23%	3.23%	0.00%	0.00%	0.00%	3.23%	0.00%	0.00%
				14:00 ~ 15:00	50	*43*	**35**	28.57%	14.29%	14.29%	8.57%	8.57%	8.57%	5.71%	0.00%	0.00%	0.00%	2.86%	2.86%	2.86%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%
				15:00 ~ 16:00	50	*43*	**37**	27.03%	13.51%	13.51%	8.11%	8.11%	10.81%	8.11%	0.00%	0.00%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%
				16:00 ~ 17:00	50	*43*	**37**	27.03%	13.51%	13.51%	8.11%	8.11%	10.81%	8.11%	0.00%	0.00%	0.00%	2.70%	2.70%	2.70%	0.00%	0.00%	0.00%	2.70%	0.00%	0.00%
				17:00 ~ 18:00	50	*43*	**35**	28.57%	14.29%	14.29%	8.57%	8.57%	8.57%	5.71%	0.00%	0.00%	0.00%	2.86%	2.86%	2.86%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%
				18:00 ~ 19:00	50	*43*	**35**	28.57%	14.29%	14.29%	8.57%	8.57%	8.57%	5.71%	0.00%	0.00%	0.00%	2.86%	2.86%	2.86%	0.00%	0.00%	0.00%	2.86%	0.00%	0.00%
				19:00 ~ 20:00	50	*43*	**25**	32.00%	20.00%	16.00%	12.00%	12.00%	4.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*43*	**13**	38.46%	7.69%	15.38%	23.08%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*43*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*43*	**3**	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*43*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-16	Lung Hong Street Between Lung Yiu Street And The Project Boundary	S	LD	00:00 ~ 01:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*46*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*46*	**7**	28.57%	14.29%	14.29%	14.29%	14.29%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*46*	**16**	25.00%	12.50%	12.50%	18.75%	18.75%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*46*	**33**	18.18%	12.12%	9.09%	9.09%	9.09%	18.18%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.06%	0.00%	0.00%
				09:00 ~ 10:00	50	*46*	**35**	20.00%	11.43%	11.43%	8.57%	8.57%	17.14%	17.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.71%	0.00%	0.00%
				10:00 ~ 11:00	50	*46*	**24**	25.00%	20.83%	12.50%	12.50%	12.50%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				11:00 ~ 12:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				12:00 ~ 13:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				14:00 ~ 15:00	50	*46*	**22**	27.27%	22.73%	13.64%	13.64%	13.64%	4.55%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				16:00 ~ 17:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				17:00 ~ 18:00	50	*46*	**22**	27.27%	22.73%	13.64%	13.64%	13.64%	4.55%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*46*	**24**	25.00%	20.83%	12.50%	12.50%	12.50%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*46*	**17**	29.41%	23.53%	11.76%	11.76%	11.76%	5.88%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*46*	**10**	30.00%	20.00%	10.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*46*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*46*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	N	LD	00:00 ~ 01:00	50	*35*	**4**	50.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*35*	**3**	33.33%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*35*	**2**	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*35*	**2**	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*35*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*35*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*33*	**8**	37.50%	12.50%	12.50%	12.50%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*33*	**27**	22.22%	14.81%	14.81%	11.11%	11.11%	7.41%	7.41%	0.00%	0.00%	0.00%	3.70%	3.70%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*33*	**67**	16.42%	8.96%	8.96%	7.46%	7.46%	19.40%	19.40%	0.00%	0.00%	0.00%	1.49%	1.49%	1.49%	0.00%	0.00%	0.00%	7.46%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**75**	16.00%	9.33%	8.00%	6.67%	6.67%	21.33%	20.00%	0.00%	0.00%	0.00%	1.33%	1.33%	1.33%	0.00%	0.00%	0.00%	8.00%	0.00%	0.00%
				10:00 ~ 11:00	50	*33*	**72**	22.22%	8.33%	11.11%	6.94%	6.94%	18.06%	11.11%	0.00%	0.00%	0.00%	2.78%	2.78%	2.78%	0.00%	0.00%	1.39%	5.56%	0.00%	0.00%
				11:00 ~ 12:00	50	*33*	**65**	23.08%	9.23%	12.31%	7.69%	7.69%	15.38%	9.23%	0.00%	0.00%	0.00%	3.08%	3.08%	3.08%	0.00%	0.00%	1.54%	4.62%	0.00%	0.00%
				12:00 ~ 13:00	50	*33*	**65**	20.00%	7.69%	10.77%	7.69%	7.69%	18.46%	12.31%	0.00%	0.00%	0.00%	3.08%	3.08%	3.08%	0.00%	0.00%	1.54%	4.62%	0.00%	0.00%
				13:00 ~ 14:00	50	*33*	**61**	21.31%	8.20%	11.48%	6.56%	6.56%	18.03%	11.48%	0.00%	0.00%	0.00%	3.28%	3.28%	3.28%	0.00%	0.00%	1.64%	4.92%	0.00%	0.00%
				14:00 ~ 15:00	50	*33*	**67**	22.39%	7.46%	10.45%	5.97%	5.97%	19.40%	11.94%	0.00%	0.00%	0.00%	2.99%	2.99%	2.99%	0.00%	0.00%	1.49%	5.97%	0.00%	0.00%
				15:00 ~ 16:00	50	*33*	**71**	21.13%	8.45%	11.27%	7.04%	7.04%	18.31%	11.27%	0.00%	0.00%	0.00%	2.82%	2.82%	2.82%	0.00%	0.00%	1.41%	5.63%	0.00%	0.00%
				16:00 ~ 17:00	50	*32*	**71**	21.13%	8.45%	11.27%	7.04%	7.04%	18.31%	11.27%	0.00%	0.00%	0.00%	2.82%	2.82%	2.82%	0.00%	0.00%	1.41%	5.63%	0.00%	0.00%
				17:00 ~ 18:00	50	*32*	**65**	23.08%	7.69%	10.77%	6.15%	6.15%	18.46%	12.31%	0.00%	0.00%	0.00%	3.08%	3.08%	3.08%	0.00%	0.00%	1.54%	4.62%	0.00%	0.00%
				18:00 ~ 19:00	50	*32*	**67**	22.39%	8.96%	11.94%	7.46%	7.46%	16.42%	10.45%	0.00%	0.00%	0.00%	2.99%	2.99%	2.99%	0.00%	0.00%	1.49%	4.48%	0.00%	0.00%
				19:00 ~ 20:00	50	*33*	**40**	32.50%	12.50%	17.50%	12.50%	12.50%	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.50%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*33*	**19**	36.84%	10.53%	10.53%	15.79%	10.53%	5.26%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*33*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*33*	**7**	57.14%	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*35*	**1**	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TM-17	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	S	LD	00:00 ~ 01:00	50	*37*	**3**	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				01:00 ~ 02:00	50	*37*	**1**	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				02:00 ~ 03:00	50	*37*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				03:00 ~ 04:00	50	*37*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				04:00 ~ 05:00	50	*37*	**0**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				05:00 ~ 06:00	50	*37*	**3**	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				06:00 ~ 07:00	50	*34*	**23**	30.43%	17.39%	17.39%	13.04%	13.04%	0.00%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				07:00 ~ 08:00	50	*33*	**45**	35.56%	17.78%	17.78%	6.67%	6.67%	4.44%	4.44%	0.00%	0.00%	0.00%	2.22%	2.22%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				08:00 ~ 09:00	50	*33*	**116**	20.69%	12.93%	11.21%	8.62%	8.62%	15.52%	13.79%	0.00%	0.00%	0.00%	0.86%	0.86%	0.86%	0.00%	0.00%	0.00%	6.03%	0.00%	0.00%
				09:00 ~ 10:00	50	*33*	**126**	19.84%	12.70%	11.90%	8.73%	8.73%	15.87%	13.49%	0.00%	0.00%	0.00%	0.79%	0.79%	0.79%	0.00%	0.00%	0.00%	6.35%	0.00%	0.00%
				10:00 ~ 11:00	50	*33*	**51**	25.49%	11.76%	7.84%	9.80%	7.84%	19.61%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%
				11:00 ~ 12:00	50	*33*	**42**	26.19%	11.90%	7.14%	9.52%	7.14%	19.05%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				12:00 ~ 13:00	50	*33*	**40**	27.50%	12.50%	7.50%	7.50%	5.00%	20.00%	15.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
				13:00 ~ 14:00	50	*33*	**39**	28.21%	12.82%	5.13%	7.69%	5.13%	20.51%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.13%	0.00%	0.00%
				14:00 ~ 15:00	50	*33*	**50**	24.00%	12.00%	8.00%	10.00%	8.00%	20.00%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.00%	0.00%	0.00%
				15:00 ~ 16:00	50	*33*	**42**	26.19%	11.90%	7.14%	9.52%	7.14%	19.05%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				16:00 ~ 17:00	50	*32*	**42**	26.19%	11.90%	7.14%	9.52%	7.14%	19.05%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	0.00%	0.00%
				17:00 ~ 18:00	50	*32*	**50**	24.00%	12.00%	8.00%	10.00%	8.00%	20.00%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.00%	0.00%	0.00%
				18:00 ~ 19:00	50	*32*	**50**	24.00%	12.00%	8.00%	10.00%	8.00%	20.00%	12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.00%	0.00%	0.00%
				19:00 ~ 20:00	50	*33*	**26**	42.31%	19.23%	11.54%	11.54%	7.69%	3.85%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				20:00 ~ 21:00	50	*33*	**16**	37.50%	12.50%	6.25%	12.50%	6.25%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				21:00 ~ 22:00	50	*33*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				22:00 ~ 23:00	50	*33*	**6**	33.33%	16.67%	16.67%	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	50	*37*	**3**	33.33%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	E	LD	00:00 ~ 01:00	70	*53*	**28**	25.00%	17.86%	14.29%	7.14%	7.14%	0.00%	0.00%	7.14%	0.00%	0.00%	3.57%	3.57%	3.57%	3.57%	3.57%	0.00%	3.57%	0.00%	0.00%
				01:00 ~ 02:00	70	*53*	**13**	23.08%	23.08%	23.08%	7.69%	7.69%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%
				02:00 ~ 03:00	70	*53*	**14**	28.57%	21.43%	21.43%	7.14%	7.14%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	0.00%
				03:00 ~ 04:00	70	*54*	**10**	20.00%	20.00%	20.00%	10.00%	10.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%
				04:00 ~ 05:00	70	*54*	**9**	22.22%	22.22%	11.11%	0.00%	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				05:00 ~ 06:00	70	*54*	**18**	22.22%	5.56%	11.11%	11.11%	11.11%	0.00%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
				06:00 ~ 07:00	70	*49*	**55**	23.64%	14.55%	12.73%	9.09%	9.09%	3.64%	3.64%	1.82%	0.00%	0.00%	1.82%	1.82%	1.82%	1.82%	1.82%	0.00%	12.73%	0.00%	0.00%
				07:00 ~ 08:00	70	*38*	**113**	23.01%	15.04%	13.27%	8.85%	8.85%	5.31%	9.73%	1.77%	0.00%	0.00%	0.88%	0.88%	0.88%	0.88%	0.88%	0.00%	9.73%	0.00%	0.00%
				08:00 ~ 09:00	70	*29*	**612**	6.54%	4.41%	3.76%	2.78%	2.78%	23.37%	34.48%	0.65%	0.00%	0.00%	0.33%	0.33%	0.33%	0.33%	0.33%	0.00%	19.61%	0.00%	0.00%
				09:00 ~ 10:00	70	*30*	**739**	6.09%	4.19%	3.25%	2.30%	2.30%	24.76%	34.91%	0.54%	0.00%	0.00%	0.27%	0.27%	0.27%	0.27%	0.27%	0.00%	20.30%	0.00%	0.00%
				10:00 ~ 11:00	70	*27*	**834**	15.59%	7.19%	4.44%	3.24%	2.64%	17.87%	26.02%	0.72%	0.36%	0.36%	1.20%	1.20%	0.96%	0.84%	0.72%	0.60%	15.95%	0.12%	0.00%
				11:00 ~ 12:00	70	*34*	**812**	17.36%	9.61%	4.31%	3.20%	2.59%	17.12%	24.26%	0.62%	0.37%	0.37%	0.99%	0.99%	0.86%	0.74%	0.74%	0.62%	15.15%	0.12%	0.00%
				12:00 ~ 13:00	70	*41*	**746**	15.42%	8.98%	4.42%	3.22%	2.68%	16.89%	25.47%	0.67%	0.27%	0.27%	1.07%	1.07%	0.94%	0.80%	0.67%	0.67%	16.35%	0.13%	0.00%
				13:00 ~ 14:00	70	*43*	**702**	15.81%	8.97%	4.42%	3.28%	2.71%	17.38%	25.21%	0.71%	0.28%	0.28%	1.00%	1.00%	0.85%	0.85%	0.71%	0.57%	15.81%	0.14%	0.00%
				14:00 ~ 15:00	70	*40*	**822**	15.21%	8.76%	4.26%	3.16%	2.55%	17.27%	25.91%	0.61%	0.36%	0.36%	0.97%	0.97%	0.85%	0.85%	0.73%	0.61%	16.42%	0.12%	0.00%
				15:00 ~ 16:00	70	*40*	**815**	14.97%	8.83%	4.29%	3.19%	2.58%	17.55%	25.64%	0.61%	0.37%	0.37%	0.98%	0.98%	0.86%	0.74%	0.74%	0.61%	16.56%	0.12%	0.00%
				16:00 ~ 17:00	70	*32*	**814**	14.74%	8.72%	4.30%	3.19%	2.58%	17.94%	25.68%	0.61%	0.25%	0.25%	0.98%	0.98%	0.86%	0.74%	0.74%	0.61%	16.71%	0.12%	0.00%
				17:00 ~ 18:00	70	*26*	**789**	15.84%	9.13%	4.44%	3.30%	2.66%	17.24%	24.84%	0.63%	0.38%	0.38%	1.01%	1.01%	0.89%	0.89%	0.76%	0.63%	15.84%	0.13%	0.00%
				18:00 ~ 19:00	70	*30*	**749**	17.49%	10.01%	4.94%	3.47%	2.80%	15.75%	23.23%	0.80%	0.40%	0.40%	1.34%	1.34%	1.07%	0.93%	0.80%	0.67%	14.42%	0.13%	0.00%
				19:00 ~ 20:00	70	*37*	**337**	34.12%	19.88%	9.79%	7.12%	5.93%	1.48%	2.37%	1.48%	0.59%	0.59%	2.37%	2.37%	2.08%	1.78%	1.48%	1.48%	4.75%	0.30%	0.00%
				20:00 ~ 21:00	70	*41*	**318**	32.39%	18.55%	12.26%	9.43%	8.18%	1.26%	2.20%	1.26%	0.63%	0.63%	1.89%	1.89%	1.57%	1.57%	1.26%	1.26%	3.46%	0.31%	0.00%
				21:00 ~ 22:00	70	*51*	**151**	23.18%	15.23%	12.58%	7.28%	9.93%	1.32%	2.65%	2.65%	1.32%	1.32%	3.31%	3.31%	2.65%	2.65%	2.65%	1.99%	5.30%	0.66%	0.00%
				22:00 ~ 23:00	70	*51*	**89**	24.72%	7.87%	11.24%	7.87%	6.74%	0.00%	1.12%	3.37%	2.25%	2.25%	5.62%	5.62%	4.49%	4.49%	3.37%	3.37%	4.49%	1.12%	0.00%
				23:00 ~ 00:00	70	*53*	**61**	24.59%	4.92%	8.20%	4.92%	4.92%	0.00%	0.00%	4.92%	1.64%	1.64%	8.20%	8.20%	6.56%	6.56%	4.92%	4.92%	3.28%	1.64%	0.00%
TM-18	Lung Mun Road Between River Trade Terminal And The Project Boundary	W	LD	00:00 ~ 01:00	70	*51*	**37**	27.03%	10.81%	8.11%	5.41%	5.41%	0.00%	0.00%	8.11%	2.70%	2.70%	5.41%	5.41%	5.41%	5.41%	2.70%	0.00%	5.41%	0.00%	0.00%
				01:00 ~ 02:00	70	*52*	**23**	34.78%	8.70%	8.70%	4.35%	4.35%	0.00%	0.00%	8.70%	0.00%	0.00%	4.35%	4.35%	4.35%	4.35%	4.35%	0.00%	8.70%	0.00%	0.00%
				02:00 ~ 03:00	70	*52*	**18**	22.22%	16.67%	11.11%	5.56%	5.56%	0.00%	0.00%	5.56%	0.00%	0.00%	5.56%	5.56%	5.56%	5.56%	5.56%	0.00%	5.56%	0.00%	0.00%
				03:00 ~ 04:00	70	*52*	**17**	17.65%	11.76%	5.88%	11.76%	11.76%	0.00%	0.00%	5.88%	0.00%	0.00%	5.88%	5.88%	5.88%	5.88%	0.00%	0.00%	11.76%	0.00%	0.00%
				04:00 ~ 05:00	70	*52*	**23**	17.39%	13.04%	8.70%	8.70%	8.70%	0.00%	0.00%	4.35%	0.00%	0.00%	4.35%	4.35%	4.35%	4.35%	0.00%	0.00%	21.74%	0.00%	0.00%
				05:00 ~ 06:00	70	*52*	**44**	18.18%	13.64%	13.64%	11.36%	11.36%	0.00%	0.00%	2.27%	0.00%	0.00%	2.27%	2.27%	2.27%	2.27%	0.00%	0.00%	20.45%	0.00%	0.00%
				06:00 ~ 07:00	70	*50*	**77**	28.57%	9.09%	14.29%	7.79%	7.79%	2.60%	6.49%	2.60%	0.00%	0.00%	1.30%	1.30%	1.30%	1.30%	1.30%	0.00%	14.29%	0.00%	0.00%
				07:00 ~ 08:00	70	*37*	**264**	36.74%	20.45%	6.82%	3.03%	3.03%	6.06%	9.09%	1.52%	0.38%	0.38%	0.76%	0.76%	0.76%	0.76%	0.38%	0.38%	8.71%	0.00%	0.00%
				08:00 ~ 09:00	70	*30*	**873**	15.81%	7.90%	4.24%	2.63%	2.63%	19.13%	28.41%	0.69%	0.11%	0.11%	0.34%	0.34%	0.34%	0.34%	0.23%	0.11%	16.61%	0.00%	0.00%
				09:00 ~ 10:00	70	*27*	**1017**	14.55%	7.37%	3.93%	2.46%	2.46%	20.26%	28.91%	0.59%	0.10%	0.10%	0.39%	0.39%	0.39%	0.39%	0.20%	0.10%	17.40%	0.00%	0.00%
				10:00 ~ 11:00	70	*29*	**838**	16.83%	5.97%	5.49%	4.77%	4.77%	16.83%	24.46%	0.72%	0.24%	0.24%	0.84%	0.84%	0.72%	0.72%	0.60%	0.12%	15.75%	0.12%	0.00%
				11:00 ~ 12:00	70	*33*	**756**	16.01%	4.63%	5.69%	4.89%	4.89%	17.20%	24.47%	0.79%	0.26%	0.26%	0.93%	0.93%	0.79%	0.79%	0.66%	0.13%	16.53%	0.13%	0.00%
				12:00 ~ 13:00	70	*42*	**684**	16.67%	4.97%	5.70%	5.12%	5.12%	17.11%	26.02%	0.73%	0.29%	0.29%	0.88%	0.88%	0.73%	0.73%	0.58%	0.15%	13.89%	0.15%	0.00%
				13:00 ~ 14:00	70	*42*	**651**	16.74%	4.92%	5.84%	5.22%	5.22%	17.51%	25.50%	0.77%	0.31%	0.31%	0.92%	0.92%	0.77%	0.77%	0.61%	0.15%	13.36%	0.15%	0.00%
				14:00 ~ 15:00	70	*40*	**767**	16.30%	4.82%	5.74%	4.95%	4.95%	17.47%	26.21%	0.78%	0.26%	0.26%	0.91%	0.91%	0.78%	0.78%	0.65%	0.13%	13.95%	0.13%	0.00%
				15:00 ~ 16:00	70	*41*	**750**	16.13%	4.67%	5.73%	4.93%	4.93%	17.87%	26.00%	0.80%	0.27%	0.27%	0.93%	0.93%	0.80%	0.80%	0.67%	0.13%	14.00%	0.13%	0.00%
				16:00 ~ 17:00	70	*35*	**750**	16.00%	4.67%	5.47%	4.93%	4.93%	18.40%	25.87%	0.80%	0.27%	0.27%	0.93%	0.93%	0.80%	0.80%	0.67%	0.13%	14.00%	0.13%	0.00%
				17:00 ~ 18:00	70	*30*	**728**	15.66%	5.08%	6.04%	5.22%	5.22%	17.72%	25.41%	0.82%	0.27%	0.27%	0.96%	0.96%	0.82%	0.82%	0.69%	0.14%	13.74%	0.14%	0.00%
				18:00 ~ 19:00	70	*31*	**705**	18.30%	5.25%	6.38%	5.53%	5.53%	15.89%	23.97%	0.85%	0.28%	0.28%	0.99%	0.99%	0.85%	0.85%	0.71%	0.14%	13.05%	0.14%	0.00%
				19:00 ~ 20:00	70	*38*	**336**	33.93%	10.12%	11.61%	10.42%	10.42%	3.57%	5.95%	1.49%	0.60%	0.60%	1.79%	1.79%	1.49%	1.49%	1.19%	0.30%	2.98%	0.30%	0.00%
				20:00 ~ 21:00	70	*39*	**249**	29.32%	9.64%	13.25%	12.05%	12.05%	3.21%	5.22%	1.61%	0.80%	0.80%	2.01%	2.01%	1.61%	1.61%	1.61%	0.40%	2.41%	0.40%	0.00%
				21:00 ~ 22:00	70	*49*	**95**	22.11%	15.79%	8.42%	7.37%	7.37%	2.11%	3.16%	4.21%	2.11%	2.11%	5.26%	5.26%	4.21%	4.21%	3.16%	1.05%	1.05%	1.05%	0.00%
				22:00 ~ 23:00	70	*51*	**60**	21.67%	13.33%	6.67%	6.67%	6.67%	0.00%	1.67%	6.67%	1.67%	1.67%	6.67%	6.67%	6.67%	6.67%	5.00%	1.67%	0.00%	0.00%	0.00%
				23:00 ~ 00:00	70	*51*	**41**	14.63%	4.88%	7.32%	7.32%	7.32%	0.00%	0.00%	7.32%	2.44%	2.44%	9.76%	9.76%	9.76%	7.32%	7.32%	2.44%	0.00%	0.00%	0.00%

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R01	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**126**	0	0	0	0	0	20	70	0	0	0	0	0	0	0	0	0	36	0	0
				09:00 ~ 10:00	10	*10*	**270**	0	0	0	0	0	42	152	0	0	0	0	0	0	0	0	0	76	0	0
				10:00 ~ 11:00	10	*10*	**258**	0	0	0	0	0	38	144	0	0	0	0	0	0	0	0	0	76	0	0
				11:00 ~ 12:00	10	*10*	**238**	0	0	0	0	0	36	132	0	0	0	0	0	0	0	0	0	70	0	0
				12:00 ~ 13:00	10	*10*	**232**	0	0	0	0	0	34	130	0	0	0	0	0	0	0	0	0	68	0	0
				13:00 ~ 14:00	10	*10*	**206**	0	0	0	0	0	30	116	0	0	0	0	0	0	0	0	0	60	0	0
				14:00 ~ 15:00	10	*10*	**250**	0	0	0	0	0	38	138	0	0	0	0	0	0	0	0	0	74	0	0
				15:00 ~ 16:00	10	*10*	**242**	0	0	0	0	0	36	136	0	0	0	0	0	0	0	0	0	70	0	0
				16:00 ~ 17:00	10	*10*	**268**	0	0	0	0	0	40	148	0	0	0	0	0	0	0	0	0	80	0	0
				17:00 ~ 18:00	10	*10*	**232**	0	0	0	0	0	36	130	0	0	0	0	0	0	0	0	0	66	0	0
				18:00 ~ 19:00	10	*10*	**78**	0	0	0	0	0	10	44	0	0	0	0	0	0	0	0	0	24	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R02	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**126**	0	0	0	0	0	20	70	0	0	0	0	0	0	0	0	0	36	0	0
				09:00 ~ 10:00	10	*10*	**270**	0	0	0	0	0	42	152	0	0	0	0	0	0	0	0	0	76	0	0
				10:00 ~ 11:00	10	*10*	**258**	0	0	0	0	0	38	144	0	0	0	0	0	0	0	0	0	76	0	0
				11:00 ~ 12:00	10	*10*	**238**	0	0	0	0	0	36	132	0	0	0	0	0	0	0	0	0	70	0	0
				12:00 ~ 13:00	10	*10*	**232**	0	0	0	0	0	34	130	0	0	0	0	0	0	0	0	0	68	0	0
				13:00 ~ 14:00	10	*10*	**206**	0	0	0	0	0	30	116	0	0	0	0	0	0	0	0	0	60	0	0
				14:00 ~ 15:00	10	*10*	**250**	0	0	0	0	0	38	138	0	0	0	0	0	0	0	0	0	74	0	0
				15:00 ~ 16:00	10	*10*	**242**	0	0	0	0	0	36	136	0	0	0	0	0	0	0	0	0	70	0	0
				16:00 ~ 17:00	10	*10*	**268**	0	0	0	0	0	40	148	0	0	0	0	0	0	0	0	0	80	0	0
				17:00 ~ 18:00	10	*10*	**232**	0	0	0	0	0	36	130	0	0	0	0	0	0	0	0	0	66	0	0
				18:00 ~ 19:00	10	*10*	**78**	0	0	0	0	0	10	44	0	0	0	0	0	0	0	0	0	24	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R03	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**126**	0	0	0	0	0	20	70	0	0	0	0	0	0	0	0	0	36	0	0
				09:00 ~ 10:00	10	*10*	**270**	0	0	0	0	0	42	152	0	0	0	0	0	0	0	0	0	76	0	0
				10:00 ~ 11:00	10	*10*	**258**	0	0	0	0	0	38	144	0	0	0	0	0	0	0	0	0	76	0	0
				11:00 ~ 12:00	10	*10*	**238**	0	0	0	0	0	36	132	0	0	0	0	0	0	0	0	0	70	0	0
				12:00 ~ 13:00	10	*10*	**232**	0	0	0	0	0	34	130	0	0	0	0	0	0	0	0	0	68	0	0
				13:00 ~ 14:00	10	*10*	**206**	0	0	0	0	0	30	116	0	0	0	0	0	0	0	0	0	60	0	0
				14:00 ~ 15:00	10	*10*	**250**	0	0	0	0	0	38	138	0	0	0	0	0	0	0	0	0	74	0	0
				15:00 ~ 16:00	10	*10*	**242**	0	0	0	0	0	36	136	0	0	0	0	0	0	0	0	0	70	0	0
				16:00 ~ 17:00	10	*10*	**268**	0	0	0	0	0	40	148	0	0	0	0	0	0	0	0	0	80	0	0
				17:00 ~ 18:00	10	*10*	**232**	0	0	0	0	0	36	130	0	0	0	0	0	0	0	0	0	66	0	0
				18:00 ~ 19:00	10	*10*	**78**	0	0	0	0	0	10	44	0	0	0	0	0	0	0	0	0	24	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R04	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**126**	0	0	0	0	0	20	70	0	0	0	0	0	0	0	0	0	36	0	0
				09:00 ~ 10:00	10	*10*	**270**	0	0	0	0	0	42	152	0	0	0	0	0	0	0	0	0	76	0	0
				10:00 ~ 11:00	10	*10*	**258**	0	0	0	0	0	38	144	0	0	0	0	0	0	0	0	0	76	0	0
				11:00 ~ 12:00	10	*10*	**238**	0	0	0	0	0	36	132	0	0	0	0	0	0	0	0	0	70	0	0
				12:00 ~ 13:00	10	*10*	**232**	0	0	0	0	0	34	130	0	0	0	0	0	0	0	0	0	68	0	0
				13:00 ~ 14:00	10	*10*	**206**	0	0	0	0	0	30	116	0	0	0	0	0	0	0	0	0	60	0	0
				14:00 ~ 15:00	10	*10*	**250**	0	0	0	0	0	38	138	0	0	0	0	0	0	0	0	0	74	0	0
				15:00 ~ 16:00	10	*10*	**242**	0	0	0	0	0	36	136	0	0	0	0	0	0	0	0	0	70	0	0
				16:00 ~ 17:00	10	*10*	**268**	0	0	0	0	0	40	148	0	0	0	0	0	0	0	0	0	80	0	0
				17:00 ~ 18:00	10	*10*	**232**	0	0	0	0	0	36	130	0	0	0	0	0	0	0	0	0	66	0	0
				18:00 ~ 19:00	10	*10*	**78**	0	0	0	0	0	10	44	0	0	0	0	0	0	0	0	0	24	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R05	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**126**	0	0	0	0	0	20	70	0	0	0	0	0	0	0	0	0	36	0	0
				09:00 ~ 10:00	10	*10*	**270**	0	0	0	0	0	42	152	0	0	0	0	0	0	0	0	0	76	0	0
				10:00 ~ 11:00	10	*10*	**258**	0	0	0	0	0	38	144	0	0	0	0	0	0	0	0	0	76	0	0
				11:00 ~ 12:00	10	*10*	**238**	0	0	0	0	0	36	132	0	0	0	0	0	0	0	0	0	70	0	0
				12:00 ~ 13:00	10	*10*	**232**	0	0	0	0	0	34	130	0	0	0	0	0	0	0	0	0	68	0	0
				13:00 ~ 14:00	10	*10*	**206**	0	0	0	0	0	30	116	0	0	0	0	0	0	0	0	0	60	0	0
				14:00 ~ 15:00	10	*10*	**250**	0	0	0	0	0	38	138	0	0	0	0	0	0	0	0	0	74	0	0
				15:00 ~ 16:00	10	*10*	**242**	0	0	0	0	0	36	136	0	0	0	0	0	0	0	0	0	70	0	0
				16:00 ~ 17:00	10	*10*	**268**	0	0	0	0	0	40	148	0	0	0	0	0	0	0	0	0	80	0	0
				17:00 ~ 18:00	10	*10*	**232**	0	0	0	0	0	36	130	0	0	0	0	0	0	0	0	0	66	0	0
				18:00 ~ 19:00	10	*10*	**78**	0	0	0	0	0	10	44	0	0	0	0	0	0	0	0	0	24	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R06	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**13**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	4	0	0
				09:00 ~ 10:00	10	*10*	**29**	0	0	0	0	0	5	16	0	0	0	0	0	0	0	0	8	0	0
				10:00 ~ 11:00	10	*10*	**27**	0	0	0	0	0	4	15	0	0	0	0	0	0	0	0	8	0	0
				11:00 ~ 12:00	10	*10*	**25**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	7	0	0
				12:00 ~ 13:00	10	*10*	**24**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	7	0	0
				13:00 ~ 14:00	10	*10*	**21**	0	0	0	0	0	3	12	0	0	0	0	0	0	0	0	6	0	0
				14:00 ~ 15:00	10	*10*	**26**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	8	0	0
				15:00 ~ 16:00	10	*10*	**25**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	7	0	0
				16:00 ~ 17:00	10	*10*	**27**	0	0	0	0	0	4	15	0	0	0	0	0	0	0	0	8	0	0
				17:00 ~ 18:00	10	*10*	**24**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	7	0	0
				18:00 ~ 19:00	10	*10*	**9**	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	3	0	0
				19:00 ~ 20:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R07	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**11**	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	2	0	0
				09:00 ~ 10:00	10	*10*	**27**	0	0	0	0	0	5	16	0	0	0	0	0	0	0	0	0	6	0	0
				10:00 ~ 11:00	10	*10*	**25**	0	0	0	0	0	4	15	0	0	0	0	0	0	0	0	0	6	0	0
				11:00 ~ 12:00	10	*10*	**23**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	0	5	0	0
				12:00 ~ 13:00	10	*10*	**22**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	0	5	0	0
				13:00 ~ 14:00	10	*10*	**19**	0	0	0	0	0	3	12	0	0	0	0	0	0	0	0	0	4	0	0
				14:00 ~ 15:00	10	*10*	**24**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	0	6	0	0
				15:00 ~ 16:00	10	*10*	**23**	0	0	0	0	0	4	14	0	0	0	0	0	0	0	0	0	5	0	0
				16:00 ~ 17:00	10	*10*	**25**	0	0	0	0	0	4	15	0	0	0	0	0	0	0	0	0	6	0	0
				17:00 ~ 18:00	10	*10*	**22**	0	0	0	0	0	4	13	0	0	0	0	0	0	0	0	0	5	0	0
				18:00 ~ 19:00	10	*10*	**7**	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	1	0	0
				19:00 ~ 20:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R09	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				09:00 ~ 10:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				10:00 ~ 11:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				11:00 ~ 12:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				12:00 ~ 13:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				13:00 ~ 14:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				14:00 ~ 15:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				15:00 ~ 16:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				16:00 ~ 17:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				17:00 ~ 18:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				18:00 ~ 19:00	10	*10*	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
				19:00 ~ 20:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R10	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**113**	0	0	0	0	0	18	63	0	0	0	0	0	0	0	0	0	32	0	0
				09:00 ~ 10:00	10	*10*	**241**	0	0	0	0	0	37	136	0	0	0	0	0	0	0	0	0	68	0	0
				10:00 ~ 11:00	10	*10*	**231**	0	0	0	0	0	34	129	0	0	0	0	0	0	0	0	0	68	0	0
				11:00 ~ 12:00	10	*10*	**213**	0	0	0	0	0	32	118	0	0	0	0	0	0	0	0	0	63	0	0
				12:00 ~ 13:00	10	*10*	**208**	0	0	0	0	0	30	117	0	0	0	0	0	0	0	0	0	61	0	0
				13:00 ~ 14:00	10	*10*	**185**	0	0	0	0	0	27	104	0	0	0	0	0	0	0	0	0	54	0	0
				14:00 ~ 15:00	10	*10*	**224**	0	0	0	0	0	34	124	0	0	0	0	0	0	0	0	0	66	0	0
				15:00 ~ 16:00	10	*10*	**217**	0	0	0	0	0	32	122	0	0	0	0	0	0	0	0	0	63	0	0
				16:00 ~ 17:00	10	*10*	**241**	0	0	0	0	0	36	133	0	0	0	0	0	0	0	0	0	72	0	0
				17:00 ~ 18:00	10	*10*	**208**	0	0	0	0	0	32	117	0	0	0	0	0	0	0	0	0	59	0	0
				18:00 ~ 19:00	10	*10*	**69**	0	0	0	0	0	9	39	0	0	0	0	0	0	0	0	0	21	0	0
				19:00 ~ 20:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				20:00 ~ 21:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R11	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				01:00 ~ 02:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				02:00 ~ 03:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				03:00 ~ 04:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				04:00 ~ 05:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				05:00 ~ 06:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				06:00 ~ 07:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				07:00 ~ 08:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				08:00 ~ 09:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				09:00 ~ 10:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				10:00 ~ 11:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				11:00 ~ 12:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				12:00 ~ 13:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				13:00 ~ 14:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				14:00 ~ 15:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				15:00 ~ 16:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				16:00 ~ 17:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				17:00 ~ 18:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				18:00 ~ 19:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				19:00 ~ 20:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				20:00 ~ 21:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				21:00 ~ 22:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				22:00 ~ 23:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
				23:00 ~ 00:00	10	*10*	**80**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R12	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				08:00 ~ 09:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				09:00 ~ 10:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				10:00 ~ 11:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				11:00 ~ 12:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				12:00 ~ 13:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				13:00 ~ 14:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				14:00 ~ 15:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				15:00 ~ 16:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				16:00 ~ 17:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				17:00 ~ 18:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				18:00 ~ 19:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				19:00 ~ 20:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				20:00 ~ 21:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				21:00 ~ 22:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				22:00 ~ 23:00	10	*10*	**135**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
				23:00 ~ 00:00	10	*10*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R13	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				08:00 ~ 09:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				09:00 ~ 10:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				10:00 ~ 11:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				11:00 ~ 12:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				12:00 ~ 13:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				13:00 ~ 14:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				14:00 ~ 15:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				15:00 ~ 16:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				16:00 ~ 17:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				17:00 ~ 18:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				18:00 ~ 19:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				19:00 ~ 20:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				20:00 ~ 21:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				21:00 ~ 22:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				22:00 ~ 23:00	10	*10*	**143**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R14	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
R15	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R17	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				01:00 ~ 02:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				02:00 ~ 03:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				03:00 ~ 04:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				04:00 ~ 05:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				05:00 ~ 06:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				06:00 ~ 07:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
				07:00 ~ 08:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				08:00 ~ 09:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				09:00 ~ 10:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				10:00 ~ 11:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				11:00 ~ 12:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				12:00 ~ 13:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				13:00 ~ 14:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				14:00 ~ 15:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				15:00 ~ 16:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				16:00 ~ 17:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				17:00 ~ 18:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				18:00 ~ 19:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				19:00 ~ 20:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				20:00 ~ 21:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				21:00 ~ 22:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				22:00 ~ 23:00	10	*10*	**74**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
				23:00 ~ 00:00	10	*10*	**66**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
R19	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				08:00 ~ 09:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				09:00 ~ 10:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				10:00 ~ 11:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				11:00 ~ 12:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				12:00 ~ 13:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				13:00 ~ 14:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				14:00 ~ 15:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				15:00 ~ 16:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				16:00 ~ 17:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				17:00 ~ 18:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				18:00 ~ 19:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				19:00 ~ 20:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				20:00 ~ 21:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				21:00 ~ 22:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				22:00 ~ 23:00	10	*10*	**159**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R20	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				08:00 ~ 09:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				09:00 ~ 10:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				10:00 ~ 11:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				11:00 ~ 12:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				12:00 ~ 13:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				13:00 ~ 14:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				14:00 ~ 15:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				15:00 ~ 16:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				16:00 ~ 17:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				17:00 ~ 18:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				18:00 ~ 19:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				19:00 ~ 20:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				20:00 ~ 21:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				21:00 ~ 22:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				22:00 ~ 23:00	10	*10*	**8**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R21	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				08:00 ~ 09:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				09:00 ~ 10:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				10:00 ~ 11:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				11:00 ~ 12:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				12:00 ~ 13:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				13:00 ~ 14:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				14:00 ~ 15:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				15:00 ~ 16:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				16:00 ~ 17:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				17:00 ~ 18:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				18:00 ~ 19:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				19:00 ~ 20:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				20:00 ~ 21:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				21:00 ~ 22:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				22:00 ~ 23:00	10	*10*	**267**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R22	Tuen Mun Area 38 Fill Bank Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				01:00 ~ 02:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				02:00 ~ 03:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				03:00 ~ 04:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				04:00 ~ 05:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				05:00 ~ 06:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				06:00 ~ 07:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
				07:00 ~ 08:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				08:00 ~ 09:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				09:00 ~ 10:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				10:00 ~ 11:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				11:00 ~ 12:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				12:00 ~ 13:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				13:00 ~ 14:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				14:00 ~ 15:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				15:00 ~ 16:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				16:00 ~ 17:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				17:00 ~ 18:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				18:00 ~ 19:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				19:00 ~ 20:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				20:00 ~ 21:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				21:00 ~ 22:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				22:00 ~ 23:00	10	*10*	**148**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
				23:00 ~ 00:00	10	*10*	**132**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
R25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I3 - Traffic Flow (Year 2023)

Link ID	Description	Bound	Road	Hour	Speed Limi	Speed	Total	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	PLB	PrLB(4)	PrLB(5)	NFB(6)	NFB(7)	NFB(8)	FBSD	FBDD	MC	HGV(9)	NFB(9)	HGV(9)b
(ID)		(direction)	(type)	(hour)	(kph)	(kph)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)
R28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	Both	Internal Road	00:00 ~ 01:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				01:00 ~ 02:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				02:00 ~ 03:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				03:00 ~ 04:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				04:00 ~ 05:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				05:00 ~ 06:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				06:00 ~ 07:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				07:00 ~ 08:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				08:00 ~ 09:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				09:00 ~ 10:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				10:00 ~ 11:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				11:00 ~ 12:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				12:00 ~ 13:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				13:00 ~ 14:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				14:00 ~ 15:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				15:00 ~ 16:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				16:00 ~ 17:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				17:00 ~ 18:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				18:00 ~ 19:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				19:00 ~ 20:00	10	*10*	**17**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
				20:00 ~ 21:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				21:00 ~ 22:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				22:00 ~ 23:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				23:00 ~ 00:00	10	*0*	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

Trips extracted from EMFAC-HK — **EMFAC Year** 2023

Hong Kong SAR Trips-per-Day by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	920864.2	17168.78	0	**938032.98**
02 - Taxi	15.63977	0	73193.02	**73208.6598**
03 - Light Goods Vehicles<=2.5t	109.0274	2220.111	0	**2329.1384**
04 - Lt Goods Vehicles 2.5-3.5t	6802.277	216218.6	0	**223020.877**
05 - Light Goods Vehicles>3.5t	0	80084.41	0	**80084.41**
06 - Medium Goods Vehicles<=15t	0	51523.97	0	**51523.97**
07 - Medium Goods Vehicles15-24t	0	101288.8	0	**101288.8**
08 - Public Light Buses	0	7519.499	9774.455	**17293.954**
09 - Private Light Bus <=3.5t	535.4514	900.9485	0	**1436.3999**
10 - Private Light Bus >3.5t	20.70841	8393.736	2798.444	**11212.8884**
11 - Non-franchised Bus<=6.4t	0	10185.96	0	**10185.96**
12 - Non-franchised Bus 6.4-15t	0	7066.586	0	**7066.586**
13 - Non-franchised Bus 15-24t	0	15512.9	0	**15512.9**
14 - Franchised Bus (SD)	0	2933.663	0	**2933.663**
15 - Franchised Bus (DD)	0	62351.05	0	**62351.05**
16 - Motorcycles (MC)	379674.8	0	0	**379674.8**
17 - Heavy Goods Vehicles>24t	0	26461.14	0	**26461.14**
18 - Non-franchised Bus >24t	0	7.9984	0	**7.9984**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

VKT extracted from EMFAC-HK — **EMFAC Year** 2023

Hong Kong SAR VKT by Vehicle/Fuel	Petrol	Diesel	LPG	Total
01 - Private Cars (PC)	17278700	306196.2	0	**17584896.2**
02 - Taxi	1680.48	0	7864522	**7866202.48**
03 - Light Goods Vehicles<=2.5t	1600.656	36248.75	0	**37849.406**
04 - Lt Goods Vehicles 2.5-3.5t	109322	3683593	0	**3792915**
05 - Light Goods Vehicles>3.5t	0	2007067	0	**2007067**
06 - Medium Goods Vehicles<=15t	0	1107204	0	**1107204**
07 - Medium Goods Vehicles15-24t	0	2182275	0	**2182275**
08 - Public Light Buses	0	453240.6	589041.1	**1042281.7**
09 - Private Light Bus <=3.5t	12353.39	34006.31	0	**46359.7**
10 - Private Light Bus >3.5t	443.0083	241443.9	60721.05	**302607.958**
11 - Non-franchised Bus<=6.4t	0	313355.5	0	**313355.5**
12 - Non-franchised Bus 6.4-15t	0	212275.6	0	**212275.6**
13 - Non-franchised Bus 15-24t	0	463859.4	0	**463859.4**
14 - Franchised Bus (SD)	0	49208.75	0	**49208.75**
15 - Franchised Bus (DD)	0	1303432	0	**1303432**
16 - Motorcycles (MC)	1015746	0	0	**1015746**
17 - Heavy Goods Vehicles>24t	0	567718.8	0	**567718.8**
18 - Non-franchised Bus >24t	0	239.5293	0	**239.5293**
19 - <Placeholder (P3)>	0	0	0	0
20 - <Placeholder (P4)>	0	0	0	0
21 - <Placeholder (P5)>	0	0	0	0

EMFAC Year 2023

Trips per VKT	
PC	**0.372023**
TAXI	**0.064907**
LGV3	**0.429168**
LGV4	**0.410076**
LGV6	**0.278277**
HGV7	**0.324544**
HGV8	**0.323701**
PLB	**0.115718**
PV4	**0.216086**
PV5	**0.258421**
NFB6	**0.226702**
NFB7	**0.232167**
NFB8	**0.233237**
FBSD	**0.415776**
FBDD	**0.333616**
MC	**2.606862**
HGV9	**0.325062**
NFB9	**0.232882**

HKO Met Data

2022 Tuen Mun Children and Juvenile Home HKO Automatic Weather Station

TEMP (°C)	**7**
RH (%)	**18**

2022 Traffic Census

Region	Major Road Network	Minor Road Network	All Road Network
HKI	4694332	1008295	5702627
KLN	6942512	1041185	7983697
NT	21261219	3457253	24718472
Subtotal	32898063	5506733	38404796
% Share	85.66%	**14.34%**	100.00%

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NOx Running Emissions (gram/km) at different speeds **EMFAC Year 2023**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0656	0.9155	2.4831	2.2802	2.9418	4.7220	8.0660	2.0015	1.4292	2.0549	4.4698	6.8947	13.7721	11.3062	13.6561	0.4772	10.3286	13.7429	10.6080
17	0.0529	0.6680	1.8877	1.7104	2.2669	3.5431	5.2828	1.6334	1.0619	1.4959	3.1643	5.1495	9.1852	7.7217	8.6818	0.4370	6.8795	9.0699	-
18	0.0517	0.6456	1.8298	1.6539	2.2020	3.4326	5.0409	1.5945	1.0235	1.4452	3.0488	4.9875	8.7881	7.4110	8.2766	0.4320	6.5809	8.6647	-
19	0.0505	0.6253	1.7762	1.6012	2.1419	3.3307	4.8225	1.5576	0.9874	1.3988	2.9433	4.8384	8.4285	7.1290	7.9124	0.4272	6.3105	8.2990	-
20	0.0494	0.6066	1.7262	1.5519	2.0860	3.2363	4.6242	1.5227	0.9533	1.3559	2.8467	4.7005	8.1013	6.8717	7.5829	0.4225	6.0646	7.9672	-
26	0.0442	0.5229	1.4848	1.3095	1.8161	2.7863	3.7340	1.3452	0.7813	1.1548	2.3997	4.0462	6.6209	5.7014	6.1120	0.3978	4.9531	6.4857	-
27	0.0435	0.5127	1.4518	1.2759	1.7794	2.7258	3.6215	1.3199	0.7569	1.1282	2.3415	3.9587	6.4324	5.5517	5.9265	0.3941	4.8117	6.3004	-
28	0.0428	0.5032	1.4203	1.2438	1.7444	2.6684	3.5165	1.2956	0.7334	1.1030	2.2867	3.8758	6.2561	5.4116	5.7533	0.3906	4.6796	6.1279	-
29	0.0421	0.4946	1.3903	1.2131	1.7111	2.6139	3.4183	1.2724	0.7109	1.0793	2.2351	3.7972	6.0909	5.2801	5.5913	0.3873	4.5558	5.9672	-
30	0.0415	0.4866	1.3617	1.1837	1.6794	2.5621	3.3261	1.2501	0.6891	1.0568	2.1863	3.7225	5.9357	5.1566	5.4392	0.3840	4.4395	5.8170	-
31	0.0409	0.4783	1.3133	1.1252	1.6341	2.4941	3.2396	1.2286	0.6350	1.0354	2.1401	3.6312	5.7895	5.0402	5.2962	0.3809	4.3301	5.6765	-
32	0.0403	0.4700	1.2881	1.0997	1.6058	2.4479	3.1581	1.2081	0.6165	1.0151	2.0964	3.5644	5.6517	4.9304	5.1614	0.3779	4.2270	5.5448	-
33	0.0397	0.4621	1.2643	1.0756	1.5790	2.4040	3.0812	1.1883	0.5992	0.9958	2.0548	3.5010	5.5216	4.8267	5.0342	0.3750	4.1296	5.4212	-
34	0.0392	0.4545	1.2417	1.0529	1.5534	2.3623	3.0086	1.1694	0.5830	0.9774	2.0152	3.4407	5.3984	4.7285	4.9139	0.3722	4.0375	5.3050	-
35	0.0387	0.4473	1.2204	1.0315	1.5291	2.3226	2.9399	1.1512	0.5678	0.9598	1.9776	3.3832	5.2817	4.6354	4.7999	0.3695	3.9503	5.1956	-
36	0.0382	0.4405	1.2001	1.0112	1.5060	2.2847	2.8748	1.1337	0.5534	0.9430	1.9416	3.3283	5.1709	4.5471	4.6918	0.3670	3.8675	5.0924	-
37	0.0377	0.4339	1.1808	0.9920	1.4838	2.2486	2.8131	1.1170	0.5399	0.9270	1.9073	3.2759	5.0656	4.4631	4.5890	0.3645	3.7889	4.9950	-
38	0.0372	0.4276	1.1624	0.9737	1.4627	2.2140	2.7543	1.1010	0.5272	0.9116	1.8745	3.2258	4.9654	4.3832	4.4912	0.3621	3.7141	4.9031	-
39	0.0367	0.4216	1.1448	0.9563	1.4424	2.1809	2.6985	1.0857	0.5152	0.8970	1.8431	3.1778	4.8699	4.3071	4.3980	0.3598	3.6429	4.8160	-
40	0.0363	0.4158	1.1281	0.9397	1.4230	2.1492	2.6453	1.0710	0.5037	0.8829	1.8129	3.1317	4.7788	4.2344	4.3090	0.3577	3.5750	4.7336	-
41	0.0358	0.4103	1.1121	0.9239	1.4043	2.1188	2.5946	1.0570	0.4929	0.8694	1.7840	3.0875	4.6918	4.1651	4.2241	0.3556	3.5102	4.6555	-
42	0.0354	0.4049	1.0967	0.9088	1.3864	2.0896	2.5461	1.0437	0.4826	0.8565	1.7563	3.0451	4.6086	4.0988	4.1428	0.3536	3.4482	4.5814	-
43	0.0350	0.3998	1.0821	0.8944	1.3691	2.0615	2.4999	1.0309	0.4729	0.8440	1.7296	3.0042	4.5291	4.0354	4.0651	0.3517	3.3890	4.5111	-
44	0.0346	0.3949	1.0680	0.8806	1.3526	2.0344	2.4556	1.0188	0.4636	0.8321	1.7039	2.9649	4.4528	3.9747	3.9905	0.3499	3.3322	4.4442	-
45	0.0342	0.3901	1.0545	0.8673	1.3366	2.0084	2.4132	1.0073	0.4547	0.8207	1.6791	2.9270	4.3797	3.9165	3.9190	0.3481	3.2779	4.3806	-
46	0.0339	0.3855	1.0415	0.8546	1.3211	1.9833	2.3726	0.9964	0.4463	0.8097	1.6553	2.8904	4.3096	3.8607	3.8504	0.3465	3.2257	4.3201	-
48	0.0332	0.3768	1.0170	0.8307	1.2919	1.9356	2.2962	0.9764	0.4305	0.7889	1.6100	2.8210	4.1774	3.7556	3.7209	0.3434	3.1275	4.2075	-
49	0.0328	0.3727	1.0054	0.8195	1.2779	1.9130	2.2602	0.9672	0.4231	0.7791	1.5886	2.7881	4.1151	3.7061	3.6598	0.3420	3.0813	4.1551	-
50	0.0325	0.3688	0.9943	0.8086	1.2645	1.8911	2.2257	0.9586	0.4160	0.7697	1.5678	2.7562	4.0551	3.6584	3.6009	0.3407	3.0368	4.1051	-
51	0.0322	0.3649	0.9841	0.7986	1.2515	1.8699	2.1924	0.9505	0.4094	0.7607	1.5477	2.7253	3.9974	3.6126	3.5952	0.3395	2.9939	4.0573	-
52	0.0318	0.3613	0.9743	0.7889	1.2388	1.8494	2.1604	0.943	0.403	0.752	1.5283	2.6954	3.9417	3.5684	3.5897	0.3383	2.9526	4.0117	-
53	0.0317	0.3577	0.9649	0.7797	1.2266	1.8296	2.1296	0.9361	0.3969	0.7436	1.5095	2.6664	3.8879	3.5258	3.5844	0.3372	2.9128	3.9680	-
54	0.0315	0.3543	0.9558	0.7708	1.2147	1.8103	2.0998	0.9297	0.3910	0.7355	1.4912	2.6383	3.8360	3.4847	3.5793	0.3361	2.8744	3.9263	-

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NO2 Running Emissions (gram/km) at different speeds **EMFAC Year 2023**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0034	0.0235	0.2156	0.1981	0.8237	1.4521	1.2616	0.2138	0.2563	0.5095	1.2516	2.1742	1.3342	0.3672	0.9715	0.0239	1.4150	1.2205	0.5411
17	0.0028	0.0170	0.1640	0.1490	0.6347	1.0880	0.7960	0.1526	0.1879	0.3609	0.8860	1.6274	0.8579	0.2499	0.5881	0.0218	0.9216	0.7560	-
18	0.0027	0.0164	0.1589	0.1441	0.6166	1.0538	0.7552	0.1472	0.1808	0.3478	0.8537	1.5765	0.8163	0.2396	0.5594	0.0216	0.8786	0.7153	-
19	0.0027	0.0159	0.1543	0.1396	0.5997	1.0223	0.7186	0.1422	0.1740	0.3358	0.8241	1.5297	0.7789	0.2304	0.5340	0.0214	0.8399	0.6788	-
20	0.0026	0.0154	0.1499	0.1353	0.5841	0.9931	0.6855	0.1376	0.1677	0.3248	0.7971	1.4863	0.7450	0.2219	0.5114	0.0211	0.8047	0.6459	-
26	0.0023	0.0132	0.1289	0.1144	0.5085	0.8539	0.5386	0.1164	0.1356	0.2739	0.6719	1.2805	0.5937	0.1836	0.4131	0.0199	0.6470	0.5015	-
27	0.0023	0.0130	0.1260	0.1116	0.4982	0.8351	0.5202	0.1136	0.1310	0.2672	0.6556	1.2529	0.5746	0.1787	0.4010	0.0197	0.6270	0.4838	-
28	0.0023	0.0127	0.1232	0.1088	0.4884	0.8174	0.5031	0.1110	0.1266	0.2610	0.6403	1.2268	0.5569	0.1741	0.3897	0.0195	0.6084	0.4673	-
29	0.0022	0.0125	0.1206	0.1061	0.4791	0.8005	0.4872	0.1085	0.1224	0.2551	0.6258	1.2020	0.5403	0.1698	0.3792	0.0194	0.5910	0.4520	-
30	0.0022	0.0123	0.1181	0.1036	0.4702	0.7844	0.4723	0.1062	0.1184	0.2495	0.6122	1.1784	0.5248	0.1658	0.3693	0.0192	0.5747	0.4378	-
31	0.0022	0.0121	0.1139	0.0986	0.4575	0.7630	0.4583	0.1039	0.1078	0.2443	0.5992	1.1494	0.5102	0.1620	0.3601	0.0190	0.5594	0.4245	-
32	0.0021	0.0119	0.1117	0.0964	0.4496	0.7487	0.4452	0.1018	0.1044	0.2393	0.5870	1.1283	0.4965	0.1584	0.3514	0.0189	0.5449	0.4121	-
33	0.0021	0.0117	0.1096	0.0944	0.4421	0.7351	0.4328	0.0999	0.1011	0.2345	0.5753	1.1083	0.4836	0.1550	0.3432	0.0187	0.5313	0.4005	-
34	0.0021	0.0115	0.1076	0.0924	0.4350	0.7222	0.4212	0.0980	0.0981	0.2300	0.5643	1.0893	0.4714	0.1518	0.3354	0.0186	0.5184	0.3896	-
35	0.0020	0.0113	0.1058	0.0906	0.4282	0.7100	0.4101	0.0961	0.0953	0.2257	0.5537	1.0712	0.4599	0.1488	0.3281	0.0185	0.5062	0.3793	-
36	0.0020	0.0111	0.1040	0.0888	0.4217	0.6983	0.3997	0.0944	0.0927	0.2216	0.5437	1.0539	0.4490	0.1459	0.3212	0.0183	0.4946	0.3697	-
37	0.0020	0.0109	0.1023	0.0871	0.4155	0.6871	0.3899	0.0928	0.0902	0.2177	0.5340	1.0373	0.4386	0.1431	0.3146	0.0182	0.4836	0.3606	-
38	0.0020	0.0108	0.1007	0.0856	0.4095	0.6764	0.3805	0.0912	0.0879	0.2140	0.5249	1.0215	0.4288	0.1405	0.3083	0.0181	0.4732	0.3521	-
39	0.0019	0.0106	0.0991	0.0841	0.4039	0.6662	0.3716	0.0897	0.0856	0.2104	0.5161	1.0064	0.4195	0.1380	0.3023	0.0180	0.4633	0.3440	-
40	0.0019	0.0105	0.0977	0.0826	0.3984	0.6564	0.3632	0.0882	0.0836	0.2070	0.5076	0.9919	0.4106	0.1357	0.2967	0.0179	0.4538	0.3363	-
41	0.0019	0.0103	0.0963	0.0813	0.3932	0.6470	0.3551	0.0868	0.0816	0.2037	0.4995	0.9780	0.4021	0.1334	0.2912	0.0178	0.4448	0.3291	-
42	0.0019	0.0102	0.0949	0.0800	0.3882	0.6380	0.3475	0.0855	0.0797	0.2005	0.4918	0.9646	0.3940	0.1312	0.2860	0.0177	0.4361	0.3223	-
43	0.0019	0.0101	0.0936	0.0787	0.3834	0.6293	0.3402	0.0842	0.0779	0.1975	0.4843	0.9517	0.3863	0.1292	0.2811	0.0176	0.4279	0.3158	-
44	0.0018	0.0099	0.0924	0.0775	0.3787	0.6210	0.3332	0.0830	0.0762	0.1945	0.4771	0.9393	0.3789	0.1272	0.2763	0.0175	0.4200	0.3096	-
45	0.0018	0.0098	0.0912	0.0764	0.3742	0.6130	0.3265	0.0818	0.0746	0.1917	0.4702	0.9273	0.3718	0.1253	0.2718	0.0174	0.4124	0.3037	-
46	0.0018	0.0097	0.0901	0.0753	0.3699	0.6052	0.3201	0.0807	0.0731	0.1890	0.4635	0.9158	0.3650	0.1235	0.2674	0.0173	0.4052	0.2982	-
48	0.0018	0.0095	0.0879	0.0732	0.3617	0.5906	0.3081	0.0785	0.0702	0.1838	0.4508	0.8939	0.3523	0.1200	0.2591	0.0172	0.3915	0.2878	-
49	0.0017	0.0094	0.0869	0.0722	0.3578	0.5836	0.3024	0.0775	0.0689	0.1814	0.4448	0.8836	0.3463	0.1184	0.2552	0.0171	0.3851	0.2830	-
50	0.0017	0.0093	0.0859	0.0713	0.3541	0.5769	0.2970	0.0765	0.0676	0.1790	0.4390	0.8735	0.3405	0.1168	0.2515	0.0170	0.3789	0.2784	-
51	0.0017	0.0092	0.085	0.0704	0.3504	0.5703	0.2918	0.0755	0.0664	0.1767	0.4334	0.8638	0.335	0.1153	0.2498	0.017	0.3729	0.274	-
52	0.0017	0.0091	0.0841	0.0695	0.3469	0.564	0.2868	0.0746	0.0652	0.1745	0.4279	0.8543	0.3297	0.1139	0.2482	0.0169	0.3672	0.2698	-
53	0.0017	0.0090	0.0832	0.0687	0.3434	0.5579	0.2820	0.0737	0.0641	0.1724	0.4227	0.8452	0.3245	0.1125	0.2467	0.0169	0.3616	0.2658	-
54	0.0017	0.0089	0.0824	0.0679	0.3401	0.5520	0.2773	0.0729	0.0630	0.1703	0.4175	0.8363	0.3196	0.1111	0.2452	0.0168	0.3563	0.2620	-

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NO Running Emissions (gram/km) at different speeds **EMFAC Year** **2023**

Vehicle Type (kph)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
10	0.0622	0.8920	2.2675	2.0821	2.1181	3.2699	6.8044	1.7877	1.1729	1.5454	3.2182	4.7205	12.4379	10.9390	12.6846	0.4533	8.9136	12.5224	10.0669
17	0.0501	0.6510	1.7237	1.5614	1.6322	2.4551	4.4868	1.4808	0.8740	1.1350	2.2783	3.5221	8.3273	7.4718	8.0937	0.4152	5.9579	8.3139	-
18	0.0490	0.6292	1.6709	1.5098	1.5854	2.3788	4.2857	1.4473	0.8427	1.0974	2.1951	3.4110	7.9718	7.1714	7.7172	0.4104	5.7023	7.9494	-
19	0.0478	0.6094	1.6219	1.4616	1.5422	2.3084	4.1039	1.4154	0.8134	1.0630	2.1192	3.3087	7.6496	6.8986	7.3784	0.4058	5.4706	7.6202	-
20	0.0468	0.5912	1.5763	1.4166	1.5019	2.2432	3.9387	1.3851	0.7856	1.0311	2.0496	3.2142	7.3563	6.6498	7.0715	0.4014	5.2599	7.3213	-
26	0.0419	0.5097	1.3559	1.1951	1.3076	1.9324	3.1954	1.2288	0.6457	0.8809	1.7278	2.7657	6.0272	5.5178	5.6989	0.3779	4.3061	5.9842	-
27	0.0412	0.4997	1.3258	1.1643	1.2812	1.8907	3.1013	1.2063	0.6259	0.8610	1.6859	2.7058	5.8578	5.3730	5.5255	0.3744	4.1847	5.8166	-
28	0.0405	0.4905	1.2971	1.1350	1.2560	1.8510	3.0134	1.1846	0.6068	0.8420	1.6464	2.6490	5.6992	5.2375	5.3636	0.3711	4.0712	5.6606	-
29	0.0399	0.4821	1.2697	1.1070	1.2320	1.8134	2.9311	1.1639	0.5885	0.8242	1.6093	2.5952	5.5506	5.1103	5.2121	0.3679	3.9648	5.5152	-
30	0.0393	0.4743	1.2436	1.0801	1.2092	1.7777	2.8538	1.1439	0.5707	0.8073	1.5741	2.5441	5.4109	4.9908	5.0699	0.3648	3.8648	5.3792	-
31	0.0387	0.4662	1.1994	1.0266	1.1766	1.7311	2.7813	1.1247	0.5272	0.7911	1.5409	2.4818	5.2793	4.8782	4.9361	0.3619	3.7707	5.2520	-
32	0.0382	0.4581	1.1764	1.0033	1.1562	1.6992	2.7129	1.1063	0.5121	0.7758	1.5094	2.4361	5.1552	4.7720	4.8100	0.3590	3.6821	5.1327	-
33	0.0376	0.4504	1.1547	0.9812	1.1369	1.6689	2.6484	1.0884	0.4981	0.7613	1.4795	2.3927	5.0380	4.6717	4.6910	0.3563	3.5983	5.0207	-
34	0.0371	0.4430	1.1341	0.9605	1.1184	1.6401	2.5874	1.0714	0.4849	0.7474	1.4509	2.3514	4.9270	4.5767	4.5785	0.3536	3.5191	4.9154	-
35	0.0367	0.4360	1.1146	0.9409	1.1009	1.6126	2.5298	1.0551	0.4725	0.7341	1.4239	2.3120	4.8218	4.4866	4.4718	0.3510	3.4441	4.8163	-
36	0.0362	0.4294	1.0961	0.9224	1.0843	1.5864	2.4751	1.0393	0.4607	0.7214	1.3979	2.2744	4.7219	4.4012	4.3706	0.3487	3.3729	4.7227	-
37	0.0357	0.4230	1.0785	0.9049	1.0683	1.5615	2.4232	1.0242	0.4497	0.7093	1.3733	2.2386	4.6270	4.3200	4.2744	0.3463	3.3053	4.6344	-
38	0.0352	0.4168	1.0617	0.8881	1.0532	1.5376	2.3738	1.0098	0.4393	0.6976	1.3496	2.2043	4.5366	4.2427	4.1829	0.3440	3.2409	4.5510	-
39	0.0348	0.4110	1.0457	0.8722	1.0385	1.5147	2.3269	0.9960	0.4296	0.6866	1.3270	2.1714	4.4504	4.1691	4.0957	0.3418	3.1796	4.4720	-
40	0.0344	0.4053	1.0304	0.8571	1.0246	1.4928	2.2821	0.9828	0.4201	0.6759	1.3053	2.1398	4.3682	4.0987	4.0123	0.3398	3.1212	4.3973	-
41	0.0339	0.4000	1.0158	0.8426	1.0111	1.4718	2.2395	0.9702	0.4113	0.6657	1.2845	2.1095	4.2897	4.0317	3.9329	0.3378	3.0654	4.3264	-
42	0.0335	0.3947	1.0018	0.8288	0.9982	1.4516	2.1986	0.9582	0.4029	0.6560	1.2645	2.0805	4.2146	3.9676	3.8568	0.3359	3.0121	4.2591	-
43	0.0331	0.3897	0.9885	0.8157	0.9857	1.4322	2.1597	0.9467	0.3950	0.6465	1.2453	2.0525	4.1428	3.9062	3.7840	0.3341	2.9611	4.1953	-
44	0.0328	0.3850	0.9756	0.8031	0.9739	1.4134	2.1224	0.9358	0.3874	0.6376	1.2268	2.0256	4.0739	3.8475	3.7142	0.3324	2.9122	4.1346	-
45	0.0324	0.3803	0.9633	0.7909	0.9624	1.3954	2.0867	0.9255	0.3801	0.6290	1.2089	1.9997	4.0079	3.7912	3.6472	0.3307	2.8655	4.0769	-
46	0.0321	0.3758	0.9514	0.7793	0.9512	1.3781	2.0525	0.9157	0.3732	0.6207	1.1918	1.9746	3.9446	3.7372	3.5830	0.3292	2.8205	4.0219	-
48	0.0314	0.3673	0.9291	0.7575	0.9302	1.3450	1.9881	0.8979	0.3603	0.6051	1.1592	1.9271	3.8251	3.6356	3.4618	0.3262	2.7360	3.9197	-
49	0.0311	0.3633	0.9185	0.7473	0.9201	1.3294	1.9578	0.8897	0.3542	0.5977	1.1438	1.9045	3.7688	3.5877	3.4046	0.3249	2.6962	3.8721	-
50	0.0308	0.3595	0.9084	0.7373	0.9104	1.3142	1.9287	0.8821	0.3484	0.5907	1.1288	1.8827	3.7146	3.5416	3.3494	0.3237	2.6579	3.8267	-
51	0.0305	0.3557	0.8991	0.7282	0.9011	1.2996	1.9006	0.875	0.343	0.584	1.1143	1.8615	3.6624	3.4973	3.3454	0.3225	2.621	3.7833	-
52	0.0301	0.3522	0.8902	0.7194	0.8919	1.2854	1.8736	0.8684	0.3378	0.5775	1.1004	1.8411	3.612	3.4545	3.3415	0.3214	2.5854	3.7419	-
53	0.0300	0.3487	0.8817	0.7110	0.8832	1.2717	1.8476	0.8624	0.3328	0.5712	1.0868	1.8212	3.5634	3.4133	3.3377	0.3203	2.5512	3.7022	-
54	0.0298	0.3454	0.8734	0.7029	0.8746	1.2583	1.8225	0.8568	0.3280	0.5652	1.0737	1.8020	3.5164	3.3736	3.3341	0.3193	2.5181	3.6643	-

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NOx Start Emissions (gram/trips)

EMFAC Year: 2023

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.1128	0.9943	0.0205	0.0017	0.0386	0.0611	0.2038	0.9835	0.0500	0.3001	0.0193	0.0849	0.3413	0.3535	0.7875	0.1331	0.2255	0.1643	0.0000
10	0.1161	1.0108	0.0245	0.0020	0.0694	0.1101	0.3669	1.4869	0.0609	0.4559	0.0347	0.1528	0.6144	0.6362	1.4174	0.1468	0.4059	0.2957	0.0000
20	0.1222	1.0429	0.0314	0.0024	0.0925	0.1468	0.4892	2.3571	0.0803	0.7164	0.0462	0.2037	0.8192	0.8483	1.8899	0.1715	0.5412	0.3942	0.0000
30	0.1278	1.0740	0.0373	0.0028	0.1311	0.2079	0.6931	3.0750	0.0962	0.9370	0.0655	0.2886	1.1605	1.2017	2.6774	0.1927	0.7667	0.5585	0.0000
40	0.1328	1.1041	0.0419	0.0031	0.1620	0.2568	0.8561	3.6302	0.1086	1.1079	0.0809	0.3565	1.4336	1.4845	3.3074	0.2104	0.9470	0.6899	0.0000
50	0.1372	1.1331	0.0454	0.0033	0.2159	0.3424	1.1415	4.0365	0.1177	1.2420	0.1078	0.4754	1.9114	1.9793	4.4098	0.2245	1.2627	0.9199	0.0000
60	0.1409	1.1611	0.0477	0.0035	0.3162	0.5014	1.6715	4.3042	0.1232	1.3490	0.1579	0.6961	2.7988	2.8983	6.4573	0.2351	1.8490	1.3470	0.0000
120	0.1556	1.2923	0.0500	0.0036	0.3933	0.6237	2.0792	4.4507	0.1274	1.4142	0.1964	0.8658	3.4815	3.6052	8.0322	0.2423	2.3000	1.6756	0.0000
180	0.1711	1.4239	0.0507	0.0040	0.5784	0.9172	3.0576	4.5174	0.1403	1.4870	0.2888	1.2733	5.1198	5.3018	11.8120	0.2374	3.3823	2.4641	0.0000
240	0.1697	1.4122	0.0497	0.0040	0.7558	1.1985	3.9953	4.5724	0.1394	1.5540	0.3774	1.6637	6.6899	6.9277	15.4344	0.2303	4.4195	3.2197	0.0000
300	0.1674	1.3924	0.0485	0.0039	0.8483	1.3452	4.4845	4.5813	0.1381	1.5832	0.4236	1.8675	7.5091	7.7760	17.3243	0.2215	4.9607	3.6140	0.0000
360	0.1642	1.3646	0.0471	0.0039	1.0025	1.5898	5.2999	4.6093	0.1363	1.6357	0.5006	2.2070	8.8744	9.1898	20.4742	0.2109	5.8626	4.2710	0.0000
420	0.1600	1.3287	0.0454	0.0038	1.1028	1.7488	5.8299	4.6051	0.1341	1.6632	0.5507	2.4277	9.7618	10.1088	22.5216	0.1985	6.4489	4.6981	0.0000
480	0.1549	1.2847	0.0434	0.0037	1.1568	1.8344	6.1153	4.5719	0.1315	1.6689	0.5777	2.5465	10.2396	10.6036	23.6241	0.1844	6.7646	4.9281	0.0000
540	0.1489	1.2327	0.0412	0.0036	1.1876	1.8833	6.2784	4.5202	0.1285	1.6626	0.5931	2.6145	10.5127	10.8864	24.2541	0.1686	6.9450	5.0595	0.0000
600	0.1420	1.1726	0.0387	0.0035	1.2185	1.9323	6.4414	4.4601	0.1250	1.6539	0.6085	2.6824	10.7858	11.1691	24.8840	0.1510	7.1254	5.1909	0.0000
660	0.1342	1.1045	0.0360	0.0033	1.2339	1.9567	6.5230	4.3849	0.1211	1.6362	0.6162	2.7163	10.9223	11.3105	25.1990	0.1316	7.2156	5.2567	0.0000
720	0.1254	1.0283	0.0331	0.0032	1.2339	1.9567	6.5230	4.2946	0.1167	1.6097	0.6162	2.7163	10.9223	11.3105	25.1990	0.1106	7.2156	5.2567	0.0000
MAX	**0.1711**	**1.4239**	**0.0507**	**0.0040**	**1.2339**	**1.9567**	**6.5230**	**4.6093**	**0.1403**	**1.6689**	**0.6162**	**2.7163**	**10.9223**	**11.3105**	**25.1990**	**0.2423**	**7.2156**	**5.2567**	**0.0000**

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NO2 Start Emissions (gram/trips)

EMFAC Year: 2023

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.0056	0.0267	0.0010	0.0001	0.0108	0.0176	0.0211	0.0113	0.0025	0.0064	0.0054	0.0156	0.0226	0.0119	0.0459	0.0067	0.0168	0.0202	0.0000
10	0.0058	0.0271	0.0012	0.0001	0.0194	0.0317	0.0380	0.0184	0.0030	0.0109	0.0097	0.0281	0.0406	0.0215	0.0827	0.0073	0.0302	0.0363	0.0000
20	0.0061	0.0280	0.0016	0.0001	0.0259	0.0422	0.0507	0.0270	0.0040	0.0152	0.0129	0.0374	0.0541	0.0287	0.1102	0.0086	0.0403	0.0484	0.0000
30	0.0064	0.0288	0.0019	0.0001	0.0367	0.0598	0.0718	0.0365	0.0048	0.0210	0.0183	0.0530	0.0767	0.0406	0.1562	0.0096	0.0571	0.0686	0.0000
40	0.0066	0.0296	0.0021	0.0002	0.0453	0.0739	0.0887	0.0440	0.0054	0.0256	0.0226	0.0655	0.0947	0.0502	0.1929	0.0105	0.0705	0.0848	0.0000
50	0.0069	0.0304	0.0023	0.0002	0.0605	0.0985	0.1183	0.0533	0.0059	0.0327	0.0302	0.0873	0.1263	0.0669	0.2572	0.0112	0.0940	0.1130	0.0000
60	0.0070	0.0312	0.0024	0.0002	0.0885	0.1442	0.1732	0.0673	0.0062	0.0448	0.0442	0.1279	0.1850	0.0979	0.3767	0.0118	0.1377	0.1655	0.0000
120	0.0078	0.0347	0.0025	0.0002	0.1101	0.1794	0.2154	0.0777	0.0064	0.0540	0.0550	0.1591	0.2301	0.1218	0.4686	0.0121	0.1713	0.2058	0.0000
180	0.0086	0.0382	0.0025	0.0002	0.1620	0.2638	0.3168	0.1006	0.0070	0.0756	0.0809	0.2339	0.3384	0.1792	0.6890	0.0119	0.2519	0.3027	0.0000
240	0.0085	0.0379	0.0025	0.0002	0.2116	0.3448	0.4140	0.1226	0.0070	0.0963	0.1057	0.3056	0.4421	0.2341	0.9004	0.0115	0.3291	0.3955	0.0000
300	0.0084	0.0374	0.0024	0.0002	0.2375	0.3870	0.4647	0.1339	0.0069	0.1071	0.1186	0.3431	0.4963	0.2628	1.0106	0.0111	0.3694	0.4439	0.0000
360	0.0082	0.0366	0.0024	0.0002	0.2807	0.4573	0.5492	0.1528	0.0068	0.1250	0.1402	0.4054	0.5865	0.3106	1.1943	0.0105	0.4366	0.5247	0.0000
420	0.0080	0.0357	0.0023	0.0002	0.3088	0.5031	0.6041	0.1650	0.0067	0.1367	0.1542	0.4460	0.6452	0.3416	1.3138	0.0099	0.4802	0.5771	0.0000
480	0.0077	0.0345	0.0022	0.0002	0.3239	0.5277	0.6336	0.1714	0.0066	0.1429	0.1617	0.4678	0.6767	0.3583	1.3781	0.0092	0.5037	0.6054	0.0000
540	0.0074	0.0331	0.0021	0.0002	0.3325	0.5418	0.6505	0.1748	0.0064	0.1464	0.1661	0.4803	0.6948	0.3679	1.4148	0.0084	0.5172	0.6215	0.0000
600	0.0071	0.0315	0.0019	0.0002	0.3412	0.5558	0.6674	0.1781	0.0062	0.1498	0.1704	0.4927	0.7128	0.3775	1.4516	0.0075	0.5306	0.6377	0.0000
660	0.0067	0.0296	0.0018	0.0002	0.3455	0.5629	0.6759	0.1795	0.0061	0.1515	0.1725	0.4990	0.7219	0.3822	1.4700	0.0066	0.5373	0.6457	0.0000
720	0.0063	0.0276	0.0017	0.0002	0.3455	0.5629	0.6759	0.1789	0.0058	0.1513	0.1725	0.4990	0.7219	0.3822	1.4700	0.0055	0.5373	0.6457	0.0000
MAX	**0.0086**	**0.0382**	**0.0025**	**0.0002**	**0.3455**	**0.5629**	**0.6759**	**0.1795**	**0.0070**	**0.1515**	**0.1725**	**0.4990**	**0.7219**	**0.3822**	**1.4700**	**0.0121**	**0.5373**	**0.6457**	**0.0000**

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

NO Start Emissions (gram/trips)

EMFAC Year: 2023

Vehicle Type (minute)	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9	HGV9(b)
5	0.1072	0.9676	0.0195	0.0016	0.0278	0.0435	0.1827	0.9722	0.0475	0.2937	0.0139	0.0693	0.3187	0.3416	0.7416	0.1264	0.2087	0.1441	0.0000
10	0.1103	0.9837	0.0233	0.0019	0.0500	0.0784	0.3289	1.4685	0.0579	0.4450	0.0250	0.1247	0.5738	0.6147	1.3347	0.1395	0.3757	0.2594	0.0000
20	0.1161	1.0149	0.0298	0.0023	0.0666	0.1046	0.4385	2.3301	0.0763	0.7012	0.0333	0.1663	0.7651	0.8196	1.7797	0.1629	0.5009	0.3458	0.0000
30	0.1214	1.0452	0.0354	0.0027	0.0944	0.1481	0.6213	3.0385	0.0914	0.9160	0.0472	0.2356	1.0838	1.1611	2.5212	0.1831	0.7096	0.4899	0.0000
40	0.1262	1.0745	0.0398	0.0029	0.1167	0.1829	0.7674	3.5862	0.1032	1.0823	0.0583	0.2910	1.3389	1.4343	3.1145	0.1999	0.8765	0.6051	0.0000
50	0.1303	1.1027	0.0431	0.0031	0.1554	0.2439	1.0232	3.9832	0.1118	1.2093	0.0776	0.3881	1.7851	1.9124	4.1526	0.2133	1.1687	0.8069	0.0000
60	0.1339	1.1299	0.0453	0.0033	0.2277	0.3572	1.4983	4.2369	0.1170	1.3042	0.1137	0.5682	2.6138	2.8004	6.0806	0.2233	1.7113	1.1815	0.0000
120	0.1478	1.2576	0.0475	0.0034	0.2832	0.4443	1.8638	4.3730	0.1210	1.3602	0.1414	0.7067	3.2514	3.4834	7.5636	0.2302	2.1287	1.4698	0.0000
180	0.1625	1.3857	0.0482	0.0038	0.4164	0.6534	2.7408	4.4168	0.1333	1.4114	0.2079	1.0394	4.7814	5.1226	11.1230	0.2255	3.1304	2.1614	0.0000
240	0.1612	1.3743	0.0472	0.0038	0.5442	0.8537	3.5813	4.4498	0.1324	1.4577	0.2717	1.3581	6.2478	6.6936	14.5340	0.2188	4.0904	2.8242	0.0000
300	0.1590	1.3550	0.0461	0.0037	0.6108	0.9582	4.0198	4.4474	0.1312	1.4761	0.3050	1.5244	7.0128	7.5132	16.3137	0.2104	4.5913	3.1701	0.0000
360	0.1560	1.3280	0.0447	0.0037	0.7218	1.1325	4.7507	4.4565	0.1295	1.5107	0.3604	1.8016	8.2879	8.8792	19.2799	0.2004	5.4260	3.7463	0.0000
420	0.1520	1.2930	0.0431	0.0036	0.7940	1.2457	5.2258	4.4401	0.1274	1.5265	0.3965	1.9817	9.1166	9.7672	21.2078	0.1886	5.9687	4.1210	0.0000
480	0.1472	1.2502	0.0412	0.0035	0.8329	1.3067	5.4817	4.4005	0.1249	1.5260	0.4160	2.0787	9.5629	10.2453	22.2460	0.1752	6.2609	4.3227	0.0000
540	0.1415	1.1996	0.0391	0.0034	0.8551	1.3415	5.6279	4.3454	0.1221	1.5162	0.4270	2.1342	9.8179	10.5185	22.8393	0.1602	6.4278	4.4380	0.0000
600	0.1349	1.1411	0.0368	0.0033	0.8773	1.3765	5.7740	4.2820	0.1188	1.5041	0.4381	2.1897	10.0730	10.7916	23.4324	0.1435	6.5948	4.5532	0.0000
660	0.1275	1.0749	0.0342	0.0031	0.8884	1.3938	5.8471	4.2054	0.1150	1.4847	0.4437	2.2173	10.2004	10.9283	23.7290	0.1250	6.6783	4.6110	0.0000
720	0.1191	1.0007	0.0314	0.0030	0.8884	1.3938	5.8471	4.1157	0.1109	1.4584	0.4437	2.2173	10.2004	10.9283	23.7290	0.1051	6.6783	4.6110	0.0000
MAX	**0.1625**	**1.3857**	**0.0482**	**0.0038**	**0.8884**	**1.3938**	**5.8471**	**4.4565**	**0.1333**	**1.5265**	**0.4437**	**2.2173**	**10.2004**	**10.9283**	**23.7290**	**0.2302**	**6.6783**	**4.6110**	**0.0000**

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

Year		2023	Hour 01			Hour 02			Hour 03			Hour 04			Hour 05			Hour 06	
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)	
				NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	4	1.9600	0.3912	1	0.1726	0.0093	1	0.1726	0.0093	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	9	1.4386	0.2093	6	1.5181	0.2672	5	1.7872	0.3187	3	1.3144	0.0964	3	1.3519	0.0991	3	1.3519	0.0991
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	24	2.9130	0.3016	12	1.6291	0.1926	13	1.5150	0.1784	10	1.7264	0.2138	9	3.1087	0.3223	18	3.1957	0.4011
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	27	3.9310	0.4484	17	4.0689	0.4115	13	4.5818	0.4589	14	3.7689	0.5097	20	3.9025	0.4958	41	3.0788	0.4028
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	21	3.2194	0.3369	12	1.6291	0.1926	13	1.5150	0.1784	10	1.7264	0.2138	9	3.1087	0.3223	18	3.1957	0.4011
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	22	4.5805	0.5050	16	4.3141	0.4368	12	4.9515	0.4965	14	3.7689	0.5097	20	3.9025	0.4958	41	3.0788	0.4028
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	24	2.9130	0.3016	12	1.6291	0.1926	13	1.5150	0.1784	10	1.7264	0.2138	9	3.1087	0.3223	18	3.1957	0.4011
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	27	3.9310	0.4484	17	4.0689	0.4115	13	4.5818	0.4589	14	3.7689	0.5097	20	3.9025	0.4958	41	3.0788	0.4028
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	2	8.7094	1.0426	2	8.7094	1.0426	1	8.7094	1.0426	2	8.7094	1.0426	6	8.7094	1.0426	10	8.7094	1.0426
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	1	8.6107	1.0267	1	8.6107	1.0267	1	8.6107	1.0267	1	8.6107	1.0267	4	8.6107	1.0267	7	8.6107	1.0267
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	17	3.4713	0.3634	9	1.2331	0.1580	10	1.1244	0.1430	8	1.1965	0.1594	6	2.1234	0.1973	12	1.6373	0.2449
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	18	4.7252	0.5184	12	4.4521	0.4357	9	5.6563	0.5621	9	4.0503	0.5952	13	3.5715	0.4917	27	2.2049	0.3163
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	3	0.4047	0.0136	2	0.5273	0.0161	2	0.5273	0.0161	1	0.1596	0.0087	1	0.1596	0.0087	1	0.1596	0.0087
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	2	0.1596	0.0087	2	0.1596	0.0087	2	0.5273	0.0161	3	0.4047	0.0136	3	0.4047	0.0136	6	1.1873	0.2126
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	13	4.3510	0.4622	6	1.4657	0.2100	8	1.2990	0.1754	6	1.3313	0.1889	6	2.1234	0.1973	11	1.7729	0.2664
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	15	5.6029	0.6198	11	4.8436	0.4746	9	5.6563	0.5621	9	4.0503	0.5952	13	3.5715	0.4917	24	2.4073	0.3495
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	2	0.8665	0.0783	1	1.5836	0.1485	2	0.4531	0.0139	2	0.8665	0.0783	0	0.0000	0.0000	1	0.1494	0.0080
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	3	0.3519	0.0120	1	0.1494	0.0080	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	2	0.8665	0.0783
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	2	0.4612	0.0142	2	0.4612	0.0142	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	1	0.1490	0.0080
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	4	0.7465	0.0527	3	0.9433	0.0675	2	0.5014	0.0153	2	0.9917	0.0902	0	0.0000	0.0000	1	0.1564	0.0084
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	3	0.3783	0.0128	1	0.1547	0.0084	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	3	0.6928	0.0610
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	28	2.6599	0.2928	13	1.5150	0.1784	14	1.4171	0.1662	10	1.7264	0.2138	9	3.1087	0.3223	18	3.1957	0.4011
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	37	3.0848	0.3591	23	3.2450	0.3475	18	3.6045	0.3863	17	3.2404	0.4294	23	3.4945	0.4382	44	2.9217	0.3790
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708	66	16.2011	0.8708
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708	132	16.2011	0.8708
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R12	IR12	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R20	IR20	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

Year		2023	Hour 07			Hour 08			Hour 09			Hour 10			Hour 11			Hour 12		
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)	
				NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	5	7.4579	1.3659	13	7.5259	1.2639	272	10.1780	1.7040	281	10.1089	1.7013	260	9.5378	1.6072	233	9.6739	1.6307
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	10	4.6727	0.8506	19	5.4422	0.8830	256	9.7264	1.6242	263	9.7089	1.6281	205	9.6776	1.6213	185	9.7563	1.6383
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	50	2.6173	0.3362	96	2.6139	0.3881	340	4.4810	0.9485	456	4.8999	0.9968	575	4.2987	0.8032	578	3.5416	0.6441
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	67	2.8027	0.3526	244	2.2827	0.3369	617	4.0181	0.7721	752	4.5771	0.8795	631	4.1159	0.7597	570	4.0066	0.7298
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	50	2.6173	0.3362	92	2.5888	0.3864	280	3.5454	0.8112	331	3.6930	0.8541	440	3.1032	0.6214	458	2.6381	0.5161
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	66	2.8429	0.3578	234	2.3448	0.3420	554	3.5632	0.7051	628	3.6687	0.7359	503	3.1858	0.6305	454	3.1340	0.6100
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	50	2.6173	0.3362	96	2.6139	0.3881	340	4.4810	0.9485	456	4.8999	0.9968	575	4.2987	0.8032	578	3.5416	0.6441
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	67	2.8027	0.3526	244	2.2827	0.3369	617	4.0181	0.7721	752	4.5771	0.8795	631	4.1159	0.7597	570	4.0066	0.7298
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	2	0.4847	0.0149	16	3.5927	0.8290	30	3.6126	0.8139	34	3.4045	0.8004	11	3.3810	0.7783	7	3.4728	0.8723
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	0	0.0000	0.0000	5	2.8163	0.7423	18	3.0645	0.6704	22	3.0035	0.6551	20	3.1014	0.7317	17	3.4061	0.7788
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	2	4.7322	1.0909	5	2.9906	0.7300	6	2.5172	0.6097	2	1.5764	0.6507	1	3.0026	1.2934
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	0	0.0000	0.0000	0	0.0000	0.0000	6	2.4997	0.4438	6	2.5597	0.5470	3	1.6025	0.4891	4	2.6193	0.5587
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	2	0.4847	0.0149	18	3.8552	0.8716	35	3.5503	0.8096	42	3.2177	0.7745	13	3.1190	0.7656	8	3.4390	0.9361
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	0	0.0000	0.0000	5	2.8163	0.7423	24	2.9511	0.6194	28	2.9970	0.6404	23	2.9158	0.7031	21	3.3638	0.7458
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	13	7.4441	0.8845	31	5.8909	0.9433	52	5.2987	0.8987	68	5.4462	0.9034	40	6.8925	0.9526	36	7.5382	1.0190
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	7	8.6107	1.0267	12	6.1964	0.9082	35	4.8416	0.7692	46	5.3158	0.8148	42	5.6212	0.8745	40	5.9934	0.9054
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	43	2.2715	0.3051	71	2.0626	0.2934	218	3.1908	0.8219	261	3.4001	0.8750	356	2.8991	0.6140	372	2.2767	0.4717
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	48	2.4295	0.3162	174	1.7401	0.2203	439	3.3068	0.6909	495	3.3764	0.7230	433	2.8511	0.6048	392	2.6638	0.5584
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	3	1.0060	0.0724	11	3.8878	0.6589	27	5.2472	0.8433	29	5.4744	0.8635	43	3.0832	0.5080	44	3.0335	0.4970
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	7	1.1931	0.2066	26	2.3089	0.3853	65	4.0868	0.6428	70	4.2280	0.6680	35	4.1168	0.6492	30	4.3946	0.6690
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	2	3.1484	0.4190	2	6.1500	0.8301	2	0.1469	0.0079	2	3.8226	0.4850	6	4.2036	0.3621
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	0	0.0000	0.0000	0	0.0000	0.0000	2	6.1500	0.8301	4	4.0964	0.4207	3	2.9711	0.3656	2	1.4952	0.1400
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	34	2.6191	0.3202	44	2.2103	0.2363	147	3.0296	0.8810	181	3.2707	0.9397	278	2.8520	0.6013	305	2.2274	0.4636
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	24	3.5910	0.4772	127	1.7432	0.1905	321	3.4226	0.7249	369	3.5098	0.7638	379	2.8371	0.6052	349	2.6674	0.5612
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	3	1.0908	0.4322	19	2.0986	0.4117	42	3.2309	0.6388	47	3.2054	0.6460	34	3.5260	0.7570	26	3.0412	0.6370
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	16	1.2885	0.1989	28	1.4820	0.2366	78	2.4491	0.4758	85	2.5349	0.4988	25	3.0713	0.6584	24	3.1930	0.6855
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	5	1.1692	0.2159	8	1.9439	0.4117	22	3.0332	0.5882	24	3.1785	0.6311	37	1.9967	0.3968	37	2.1658	0.4321
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	7	1.7352	0.2744	16	1.5047	0.3196	33	2.7266	0.5412	35	2.6197	0.5147	24	1.5617	0.3113	17	1.3257	0.2524
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	8	1.3072	0.3402	27	2.3712	0.4803	67	3.6167	0.7300	75	3.6998	0.7548	72	3.0800	0.6531	65	2.8840	0.6054
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	23	1.6357	0.2574	45	1.7032	0.3080	116	2.9487	0.5894	126	2.9689	0.5946	51	2.6960	0.5815	42	2.7261	0.5793
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	55	2.8376	0.3809	113	2.8863	0.4315	612	5.9141	1.0643	739	5.9022	1.0688	834	5.2786	0.9231	812	4.4843	0.7622
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	77	2.8085	0.3689	264	2.4226	0.3564	873	4.9542	0.8756	1017	5.3630	0.9640	838	4.8973	0.8556	756	4.7263	0.8139
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	126	11.0176	2.1495	270	11.0213	2.1475	258	11.1127	2.1482	238	11.0886	2.1493
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	126	11.0176	2.1495	270	11.0213	2.1475	258	11.1127	2.1482	238	11.0886	2.1493
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	126	11.0176	2.1495	270	11.0213	2.1475	258	11.1127	2.1482	238	11.0886	2.1493
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	126	11.0176	2.1495	270	11.0213	2.1475	258	11.1127	2.1482	238	11.0886	2.1493
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	126	11.0176	2.1495	270	11.0213	2.1475	258	11.1127	2.1482	238	11.0886	2.1493
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	13	11.1199	2.1535	29	10.9063	2.1513	27	11.1137	2.1489	25	10.9909	2.1485
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	11	10.5336	2.1310	27	10.6516	2.1420	25	10.8552	2.1387	23	10.6993	2.1373
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	113	11.0058	2.1491	241	11.0351	2.1471	231	11.1126	2.1481	213	11.1000	2.1494
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	66	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	132	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R12	IR12	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708
R20	IR20	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

Year		2023	Hour 13			Hour 14			Hour 15			Hour 16			Hour 17			Hour 18		
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)	
				NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	205	9.7512	1.6165	213	9.5082	1.6365	245	9.4993	1.6283	241	9.7054	1.6341	250	9.6811	1.6401	239	9.4565	1.6271
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	168	9.8872	1.6193	165	9.4902	1.6375	199	9.5558	1.6355	186	9.7290	1.6405	198	9.7196	1.6483	204	9.6008	1.6367
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	539	3.5544	0.6279	488	3.3981	0.5910	575	3.6377	0.6305	574	3.5700	0.6334	563	3.9394	0.7155	547	4.2562	0.7713
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	520	3.3985	0.6330	485	3.3933	0.6189	567	3.5391	0.6456	563	3.5200	0.6475	553	3.7167	0.7007	523	3.8925	0.7393
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	421	2.9454	0.5633	385	2.8589	0.5391	447	3.0130	0.5590	449	2.9587	0.5683	429	3.0631	0.6063	429	3.1370	0.5937
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	422	2.9127	0.5834	400	2.9616	0.5752	462	3.0191	0.5805	463	3.1389	0.6113	444	3.2305	0.6529	425	3.1826	0.6353
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	539	3.5544	0.6279	488	3.3981	0.5910	575	3.6377	0.6305	574	3.5700	0.6334	563	3.9394	0.7155	547	4.2562	0.7713
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	520	3.3985	0.6330	485	3.3933	0.6189	567	3.5391	0.6456	563	3.5200	0.6475	553	3.7167	0.7007	523	3.8925	0.7393
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	7	3.4728	0.8723	7	3.4728	0.8723	11	3.3810	0.7783	7	3.4728	0.8723	7	3.4728	0.8723	11	3.3810	0.7783
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	17	3.4061	0.7788	17	3.4061	0.7788	20	3.1014	0.7317	17	3.4061	0.7788	17	3.4061	0.7788	20	3.1014	0.7317
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	1	3.0026	1.2934	1	3.0026	1.2934	2	1.5764	0.6507	1	3.0026	1.2934	1	3.0026	1.2934	2	1.5764	0.6507
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	3	1.6025	0.4891	4	1.3949	0.3719	3	1.6025	0.4891	3	3.4422	0.7422	4	1.3949	0.3719	2	2.3285	0.7296
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	8	3.4390	0.9361	8	3.4390	0.9361	13	3.1190	0.7656	8	3.4390	0.9361	8	3.4390	0.9361	13	3.1190	0.7656
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	20	3.1469	0.7387	21	3.0355	0.7046	23	2.9158	0.7031	20	3.5243	0.7827	21	3.0355	0.7046	22	3.0414	0.7346
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	26	7.0877	1.0099	24	6.9526	1.0071	33	6.5071	0.9335	29	7.2555	1.0132	29	7.2555	1.0132	32	6.4383	0.9301
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	43	6.2121	0.9195	42	5.9600	0.8914	48	6.0201	0.8976	47	6.5976	0.9507	48	6.3166	0.9124	45	6.0264	0.9102
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	342	2.5873	0.5230	306	2.4654	0.4901	358	2.6988	0.5248	359	2.3916	0.4888	340	2.6349	0.5692	343	2.7367	0.5467
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	370	2.6626	0.5647	351	2.6967	0.5484	400	2.7674	0.5564	411	2.9111	0.5961	388	2.9044	0.6264	362	2.8510	0.6092
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	39	3.0550	0.5005	36	3.0918	0.5115	42	2.9775	0.4942	44	3.0335	0.4970	42	3.0840	0.4957	42	2.9775	0.4942
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	30	4.3946	0.6690	28	4.1712	0.6390	34	4.2332	0.6681	30	4.3946	0.6690	30	4.3946	0.6690	34	4.2332	0.6681
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	3.3463	0.6647	9	4.6247	0.5176	8	5.1339	0.6538	3	3.0705	0.6933	5	3.4673	1.0110	4	0.8294	0.0747
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	4	2.9373	0.6492	5	5.6553	0.5776	6	4.7256	0.5825	7	3.9457	0.7420	6	4.3737	0.8968	2	0.1469	0.0079
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	271	2.5092	0.5022	242	2.3807	0.4706	287	2.6379	0.5005	286	2.3268	0.4771	277	2.7072	0.5654	274	2.6394	0.5159
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	329	2.6295	0.5646	308	2.6839	0.5465	350	2.8077	0.5600	367	2.9354	0.5993	345	2.9023	0.6295	310	2.8446	0.6059
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	31	3.4887	0.7446	28	3.4395	0.7166	31	3.7870	0.8245	32	3.4033	0.7220	32	3.4033	0.7220	28	3.6908	0.7877
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	22	3.3368	0.7078	21	3.4203	0.7345	26	3.3081	0.7158	24	3.1930	0.6855	24	3.1930	0.6855	26	3.3081	0.7158
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	32	2.1454	0.4254	31	2.1897	0.4385	35	2.0165	0.3938	37	2.1658	0.4321	37	2.1658	0.4321	35	2.0165	0.3938
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	17	1.3257	0.2524	17	1.3257	0.2524	22	1.2812	0.2425	17	1.3257	0.2524	17	1.3257	0.2524	22	1.2812	0.2425
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	65	3.1666	0.6797	61	3.1360	0.6662	67	3.2094	0.6835	71	3.1212	0.6622	71	3.1680	0.6732	65	3.1594	0.6754
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	40	2.7672	0.5828	39	2.7896	0.5932	50	2.7467	0.5929	42	2.7261	0.5793	42	2.7665	0.5888	50	2.7876	0.6026
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	746	4.3139	0.7123	702	4.1859	0.6923	822	4.3997	0.7281	815	4.3907	0.7308	814	4.8734	0.8323	789	5.2574	0.9120
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	684	4.1083	0.7013	651	4.0673	0.7002	767	4.2432	0.7274	750	4.2087	0.7228	750	4.5130	0.7920	728	4.8118	0.8525
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	232	11.1119	2.1476	206	11.1109	2.1469	250	11.0908	2.1500	242	11.0863	2.1474	268	11.1149	2.1498	232	11.0336	2.1482
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	232	11.1119	2.1476	206	11.1109	2.1469	250	11.0908	2.1500	242	11.0863	2.1474	268	11.1149	2.1498	232	11.0336	2.1482
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	232	11.1119	2.1476	206	11.1109	2.1469	250	11.0908	2.1500	242	11.0863	2.1474	268	11.1149	2.1498	232	11.0336	2.1482
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	232	11.1119	2.1476	206	11.1109	2.1469	250	11.0908	2.1500	242	11.0863	2.1474	268	11.1149	2.1498	232	11.0336	2.1482
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	232	11.1119	2.1476	206	11.1109	2.1469	250	11.0908	2.1500	242	11.0863	2.1474	268	11.1149	2.1498	232	11.0336	2.1482
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	24	10.9926	2.1534	21	11.1079	2.1447	26	11.1199	2.1535	25	10.9909	2.1485	27	11.1137	2.1489	24	10.9926	2.1534
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	22	10.6879	2.1422	19	10.7671	2.1307	24	10.8512	2.1432	23	10.6993	2.1373	25	10.8552	2.1387	22	10.6879	2.1422
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772	2	14.3450	2.2772
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	208	11.1257	2.1470	185	11.1113	2.1472	224	11.0874	2.1496	217	11.0973	2.1472	241	11.1150	2.1499	208	11.0384	2.1475
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772	17	14.3450	2.2772
R12	IR12	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708
R20	IR20	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708

Appendix I4 - Calculations of Composite Emission Factors (Year 2023)

Year		2023	Hour 19			Hour 20			Hour 21			Hour 22			Hour 23			Hour 24		
Road ID	CALINE4 Model Road ID	Road Name	Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)		Flow	Composite Emission Factor (g/vehicle/mile)	
				NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2		NO	NO2
TM-2(N)	TM02N	Access Road To River Trade Terminal From Lung Mun Road	255	9.3917	1.6111	16	1.9540	0.3247	15	2.2991	0.4763	13	2.4299	0.5291	11	1.5116	0.2943	8	1.3660	0.2295
TM-2(S)	TM02S	Access Road To River Trade Terminal From Lung Mun Road	216	9.6043	1.6327	13	1.9981	0.4086	9	2.2121	0.3636	6	1.6023	0.2810	6	1.5587	0.2739	5	1.7872	0.3187
TM-3(E)	TM03E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	495	3.5173	0.6321	320	2.3404	0.3051	301	2.0029	0.2633	136	2.7681	0.3465	77	3.4460	0.4102	52	4.2720	0.4930
TM-3(W)	TM03W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	487	3.4343	0.6473	323	2.3341	0.3585	239	2.3381	0.3584	88	3.0966	0.4015	54	3.8333	0.4266	36	4.8897	0.5690
TM-5(E)	TM05E	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	441	3.1850	0.5853	297	2.5167	0.3278	285	2.1522	0.2846	122	2.9441	0.3630	64	3.9714	0.4620	43	5.0170	0.5724
TM-5(W)	TM05W	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	449	3.2460	0.6221	320	2.6891	0.4100	232	2.7202	0.4122	85	3.5742	0.4547	48	4.6308	0.5106	32	5.8107	0.6638
TM-6(E)	TM06E	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	495	3.5173	0.6321	320	2.3404	0.3051	301	2.0029	0.2633	136	2.7681	0.3465	77	3.4460	0.4102	52	4.2720	0.4930
TM-6(W)	TM06W	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	487	3.4343	0.6473	323	2.3341	0.3585	239	2.3381	0.3584	88	3.0966	0.4015	54	3.8333	0.4266	36	4.8897	0.5690
TM-7(E)	TM07E	Siu Lang Shui Road Between unnamed Road And TM-8	11	3.3810	0.7783	5	3.5809	0.6682	1	6.8663	0.9645	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-7(W)	TM07W	Siu Lang Shui Road Between unnamed Road And TM-8	20	3.1014	0.7317	9	2.2092	0.3868	2	3.4720	0.4792	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-8(N)	TM08N	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	2	1.5764	0.6507	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-8(S)	TM08S	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	3	1.6025	0.4891	3	0.8489	0.0603	0	0.0000	0.0000	1	0.1506	0.0082	0	0.0000	0.0000	0	0.0000	0.0000
TM-9(E)	TM09E	Siu Lang Shui Road Between Lung Fat Street And TM-8	13	3.1190	0.7656	5	3.5809	0.6682	1	6.8663	0.9645	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-9(W)	TM09W	Siu Lang Shui Road Between Lung Fat Street And TM-8	23	2.9158	0.7031	12	1.8799	0.3060	2	3.4720	0.4792	1	0.1533	0.0082	0	0.0000	0.0000	0	0.0000	0.0000
TM-10(N)	TM10N	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	24	5.6813	0.8925	16	7.1067	0.9256	8	8.4790	1.0329	6	8.7094	1.0426	4	8.7094	1.0426	2	8.7094	1.0426
TM-10(S)	TM10S	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	38	5.2852	0.8551	25	5.4417	0.6911	11	7.6764	0.9271	8	7.5536	0.8994	5	8.6107	1.0267	2	8.6107	1.0267
TM-11(E)	TM11E	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	357	2.9412	0.5454	246	2.2597	0.2827	248	2.0484	0.2696	103	3.0653	0.3856	49	4.6326	0.5466	39	5.1344	0.5865
TM-11(W)	TM11W	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	393	3.0708	0.6044	273	2.2909	0.3535	207	2.5413	0.3958	77	3.4449	0.4439	44	4.6816	0.5163	30	5.6839	0.6493
TM-12(N)	TM12N	Access Road To ECO Park From Lung Mun Road	42	2.9775	0.4942	29	1.5801	0.2581	27	1.9667	0.3135	13	0.4424	0.0144	11	0.4270	0.0141	2	0.1596	0.0087
TM-12(S)	TM12S	Access Road To ECO Park From Lung Mun Road	34	4.2332	0.6681	30	4.3946	0.6690	18	3.8601	0.5929	4	2.1841	0.2826	2	0.5273	0.0161	0	0.0000	0.0000
TM-13(E)	TM13E	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	5	3.1442	1.2883	1	9.8069	0.8190	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-13(W)	TM13W	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	5	3.1442	1.2883	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
TM-14(E)	TM14E	Lung Mun Road Between Lung Yiu Street And The Project Boundary	285	2.9114	0.5243	203	2.4066	0.2806	228	2.0919	0.2697	89	3.3134	0.4004	42	5.3030	0.6313	38	5.2393	0.5990
TM-14(W)	TM14W	Lung Mun Road Between Lung Yiu Street And The Project Boundary	341	3.0810	0.6016	248	2.3868	0.3669	190	2.5934	0.3961	69	3.7501	0.4801	38	5.2757	0.5714	27	6.1981	0.6904
TM-15(E)	TM15E	Lung Yiu Street Between Lung Hong Street And The Project Boundary	30	3.3176	0.6982	14	1.6192	0.3196	6	1.9886	0.3788	0	0.0000	0.0000	4	0.8451	0.0608	1	1.2753	0.1231
TM-15(W)	TM15W	Lung Yiu Street Between Lung Hong Street And The Project Boundary	24	3.1930	0.6855	8	0.5454	0.0414	6	1.8503	0.3842	5	1.1424	0.2113	6	0.9769	0.1774	3	1.1238	0.2960
TM-16(N)	TM16N	Lung Hong Street Between Lung Yiu Street And The Project Boundary	35	2.0165	0.3938	25	1.2405	0.2271	13	0.9759	0.1761	10	1.7947	0.3467	3	0.3577	0.0122	0	0.0000	0.0000
TM-16(S)	TM16S	Lung Hong Street Between Lung Yiu Street And The Project Boundary	24	1.5617	0.3113	17	1.3257	0.2524	10	1.5991	0.3217	1	0.1490	0.0080	0	0.0000	0.0000	0	0.0000	0.0000
TM-17(N)	TM17N	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	67	3.0025	0.6354	40	1.5417	0.2924	19	1.4783	0.2767	10	2.0369	0.3963	7	0.7045	0.0451	1	1.5167	0.1459
TM-17(S)	TM17S	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	50	2.7876	0.6026	26	1.2185	0.2099	16	1.9633	0.4060	6	1.1477	0.2060	6	1.1477	0.2060	3	1.2436	0.3240
TM-18(E)	TM18E	Lung Mun Road Between River Trade Terminal And The Project Boundary	749	4.6899	0.7980	337	2.2936	0.3004	318	2.0096	0.2702	151	2.6474	0.3446	89	3.1074	0.3787	61	3.7499	0.4388
TM-18(W)	TM18W	Lung Mun Road Between River Trade Terminal And The Project Boundary	705	4.5308	0.7886	336	2.2970	0.3552	249	2.3788	0.3656	95	2.9353	0.3829	60	3.5418	0.4006	41	4.4243	0.5240
R01	ER01	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	78	11.2658	2.1456	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R02	ER02	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	78	11.2658	2.1456	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R03	ER03	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	78	11.2658	2.1456	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R04	ER04	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	78	11.2658	2.1456	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R05	ER05	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	78	11.2658	2.1456	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R06	ER06	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	9	11.4501	2.1467	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R06	IR06	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	ER07	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	7	10.6229	2.1094	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R07	IR07	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R09	ER09	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	2	14.3450	2.2772	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R10	ER10	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	69	11.2418	2.1455	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R10	IR10	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R11	IR11	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708	80	16.2011	0.8708
R13	IR13	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	143	16.2011	0.8708	0	0.0000	0.0000
R14	IR14	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	66	16.2011	0.8708
R15	IR15	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	66	16.2011	0.8708
R17	IR17	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	74	16.2011	0.8708	66	16.2011	0.8708
R19	IR19	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	159	16.2011	0.8708	0	0.0000	0.0000
R21	IR21	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	267	16.2011	0.8708	132	16.2011	0.8708
R22	IR22	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	148	16.2011	0.8708	132	16.2011	0.8708
R25	ER25	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R26	ER26	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R27	ER27	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R28	ER28	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road (Internal Trucks)	17	14.3450	2.2772	17	14.3450	2.2772	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000	0	0.0000	0.0000
R12	IR12	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	135	16.2011	0.8708	0	0.0000	0.0000
R20	IR20	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	8	16.2011	0.8708	0	0.0000	0.0000

Appendix I5 - CALINE4 Input Configuration

Year: 2023

Base mPD: 5.0

No.	Order No. in CALINE4 Model	Road Link Index	CALINE4 Model Road Link ID	Road Name	Starting Co-ordinate		Ending Co-ordinate		Average Width	Average Height	Model Width	Model Height	Road Type	Road Code	Remarks
					X	Y	X	Y	(m)	(mPD)	(m)	(m)			
1	1	TM-2(N)	TM02N1	Access Road To River Trade Terminal From Lung Mun Road	811729.11	825378.45	811764.40	825464.74	10.0	7.2	16.0	2.2	At Grade	1	-
2	2	TM-2(S)	TM02S1	Access Road To River Trade Terminal From Lung Mun Road	811776.10	825459.31	811742.82	825373.78	10.0	7.2	16.0	2.2	At Grade	1	-
3	3	TM-3(E)	TM03E1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	811499.89	825582.43	811770.68	825461.81	7.5	8.0	13.5	3.0	At Grade	1	-
4	4	TM-3(W)	TM03W1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And River Trade Terminal	811765.60	825452.64	811492.44	825571.56	7.5	8.0	13.5	3.0	At Grade	1	-
5	5	TM-5(E)	TM05E1	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810875.66	825655.48	810972.53	825663.87	7.5	6.7	13.5	1.7	At Grade	1	-
6	6	TM-5(E)	TM05E2	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810972.53	825663.87	811058.49	825682.14	7.5	7.0	13.5	2.0	At Grade	1	-
7	7	TM-5(E)	TM05E3	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811058.49	825682.14	811142.66	825691.18	7.5	7.1	13.5	2.1	At Grade	1	-
8	8	TM-5(E)	TM05E4	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811142.66	825691.18	811243.10	825682.45	7.5	7.0	13.5	2.0	At Grade	1	-
9	9	TM-5(E)	TM05E5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811243.10	825682.45	811311.02	825663.76	7.5	8.1	13.5	3.1	At Grade	1	-
10	10	TM-5(E)	TM05E6	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811311.02	825663.76	811379.00	825635.14	7.5	7.5	13.5	2.5	At Grade	1	-
11	11	TM-5(W)	TM05W1	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811373.48	825624.79	811307.52	825655.02	7.5	7.5	13.5	2.5	At Grade	1	-
12	12	TM-5(W)	TM05W2	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811307.52	825655.02	811242.15	825672.11	7.5	7.4	13.5	2.4	At Grade	1	-
13	13	TM-5(W)	TM05W3	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811242.15	825672.11	811143.13	825681.23	7.5	6.9	13.5	1.9	At Grade	1	-
14	14	TM-5(W)	TM05W4	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811143.13	825681.23	811060.22	825672.37	7.5	7.0	13.5	2.0	At Grade	1	-
15	15	TM-5(W)	TM05W5	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	811060.22	825672.37	810974.72	825650.53	7.5	7.0	13.5	2.0	At Grade	1	-
16	16	TM-5(W)	TM05W6	Lung Mun Road Between Lung Fat Street And Tuen Mun Area 38 Fill Bank	810974.72	825650.53	810875.98	825641.60	7.5	6.6	13.5	1.6	At Grade	1	-
17	17	TM-6(E)	TM06E1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	811379.00	825635.14	811499.89	825582.43	7.5	7.7	13.5	2.7	At Grade	1	-
18	18	TM-6(W)	TM06W1	Lung Mun Road Between Tuen Mun Area 38 Temporary Construction Waste Sorting Facility And Tuen Mun Area 38 Fill Bank	811492.44	825571.56	811373.48	825624.79	7.5	7.7	13.5	2.7	At Grade	1	-
19	19	TM-7(E)	TM07E1	Siu Lang Shui Road Between unnamed Road And TM-8	810952.74	825784.93	811050.74	825798.94	13.0	8.0	19.0	3.0	At Grade	1	-
20	20	TM-7(E)	TM07E2	Siu Lang Shui Road Between unnamed Road And TM-8	811050.74	825798.94	811246.90	825767.37	8.0	8.6	14.0	3.6	At Grade	1	-
21	21	TM-7(E)	TM07E3	Siu Lang Shui Road Between unnamed Road And TM-8	811246.90	825767.37	811343.10	825736.81	8.0	11.5	14.0	6.5	At Grade	1	-
22	22	TM-7(E)	TM07E4	Siu Lang Shui Road Between unnamed Road And TM-8	811343.10	825736.81	811442.76	825681.83	8.0	13.9	14.0	8.9	At Grade	1	-
23	23	TM-7(E)	TM07E5	Siu Lang Shui Road Between unnamed Road And TM-8	811442.76	825681.83	811514.48	825626.26	8.0	15.6	14.0	10.0	At Grade	1	-
24	24	TM-7(W)	TM07W1	Siu Lang Shui Road Between unnamed Road And TM-8	810952.74	825784.93	811050.74	825798.94	13.0	8.0	19.0	3.0	At Grade	1	-
25	25	TM-7(W)	TM07W2	Siu Lang Shui Road Between unnamed Road And TM-8	811050.74	825798.94	811246.90	825767.37	8.0	8.6	14.0	3.6	At Grade	1	-
26	26	TM-7(W)	TM07W3	Siu Lang Shui Road Between unnamed Road And TM-8	811246.90	825767.37	811343.10	825736.81	8.0	11.5	14.0	6.5	At Grade	1	-
27	27	TM-7(W)	TM07W4	Siu Lang Shui Road Between unnamed Road And TM-8	811343.10	825736.81	811442.76	825681.83	8.0	13.9	14.0	8.9	At Grade	1	-
28	28	TM-7(W)	TM07W5	Siu Lang Shui Road Between unnamed Road And TM-8	811442.76	825681.83	811514.48	825626.26	8.0	15.6	14.0	10.0	At Grade	1	-
29	29	TM-8(N)	TM08N1	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810952.74	825784.93	810916.09	825851.49	6.0	8.4	12.0	3.4	At Grade	1	-
30	30	TM-8(N)	TM08N2	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810916.09	825851.49	810946.87	826024.50	6.0	15.0	12.0	10.0	At Grade	1	-
31	31	TM-8(N)	TM08N3	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810946.87	826024.50	810933.82	826126.79	5.0	23.9	11.0	10.0	At Grade	1	-
32	32	TM-8(N)	TM08N4	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810933.82	826126.79	810908.72	826142.49	5.0	24.2	11.0	10.0	At Grade	1	-
33	33	TM-8(S)	TM08S1	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810952.74	825784.93	810916.09	825851.49	6.0	8.4	12.0	3.4	At Grade	1	-
34	34	TM-8(S)	TM08S2	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810916.09	825851.49	810946.87	826024.50	6.0	15.0	12.0	10.0	At Grade	1	-
35	35	TM-8(S)	TM08S3	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810946.87	826024.50	810933.82	826126.79	5.0	23.9	11.0	10.0	At Grade	1	-
36	36	TM-8(S)	TM08S4	Access Road To Castle Peak Bay Fishermen's Cemetery From Siu Lang Shui Road	810933.82	826126.79	810908.72	826142.49	5.0	24.2	11.0	10.0	At Grade	1	-
37	37	TM-9(E)	TM09E1	Siu Lang Shui Road Between Lung Fat Street And TM-8	810867.80	825743.55	810952.74	825784.93	13.5	8.0	19.5	3.0	At Grade	1	-
38	38	TM-9(W)	TM09W1	Siu Lang Shui Road Between Lung Fat Street And TM-8	810867.80	825743.55	810952.74	825784.93	13.5	8.0	19.5	3.0	At Grade	1	-
39	39	TM-10(N)	TM10N1	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810870.05	825650.65	810871.63	825719.77	7.5	6.3	13.5	1.3	At Grade	1	-
40	40	TM-10(N)	TM10N2	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810871.63	825719.77	810861.35	825739.85	7.5	6.3	13.5	1.3	At Grade	1	-
41	41	TM-10(S)	TM10S1	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810871.31	825745.33	810880.68	825726.16	8.0	6.5	14.0	1.5	At Grade	1	-
42	42	TM-10(S)	TM10S2	Lung Fat Street Between Siu Lang Shui Road And Lung Mun Road	810880.68	825726.16	810880.84	825649.36	8.0	6.5	14.0	1.5	At Grade	1	-
43	43	TM-11(E)	TM11E1	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810675.61	825686.01	810772.50	825661.81	7.5	7.3	13.5	2.3	At Grade	1	-
44	44	TM-11(E)	TM11E2	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810772.50	825661.81	810875.66	825655.48	7.5	6.7	13.5	1.7	At Grade	1	-
45	45	TM-11(W)	TM11W1	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810875.98	825641.60	810772.05	825649.94	7.5	6.6	13.5	1.6	At Grade	1	-
46	46	TM-11(W)	TM11W2	Lung Mun Road Between Lung Fat Street And Lung Yiu Street	810772.05	825649.94	810667.32	825670.40	7.5	7.8	13.5	2.8	At Grade	1	-
47	47	TM-12(N)	TM12N1	Access Road To ECO Park From Lung Mun Road	810869.73	825552.43	810870.05	825650.65	7.5	6.4	13.5	1.4	At Grade	1	-
48	48	TM-12(S)	TM12S1	Access Road To ECO Park From Lung Mun Road	810880.84	825649.36	810881.48	825552.59	7.5	6.4	13.5	1.4	At Grade	1	-
49	49	TM-13(E)	TM13E1	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	810867.80	825743.55	810788.63	825697.99	7.0	6.9	13.0	1.9	At Grade	1	-
50	50	TM-13(W)	TM13W1	Siu Lang Shui Road Between Lung Fat Street And the Cul-de-sac	810867.80	825743.55	810788.63	825697.99	7.0	6.9	13.0	1.9	At Grade	1	-
51	51	TM-14(E)	TM14E1	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810560.94	825751.95	810607.68	825716.27	7.5	7.2	13.5	2.2	At Grade	1	-
52	52	TM-14(E)	TM14E2	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810607.68	825716.27	810675.61	825686.01	8.5	7.6	14.5	2.6	At Grade	1	-
53	53	TM-14(W)	TM14W1	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810667.32	825670.40	810598.94	825702.20	7.5	7.9	13.5	2.9	At Grade	1	-
54	54	TM-14(W)	TM14W2	Lung Mun Road Between Lung Yiu Street And The Project Boundary	810598.94	825702.20	810559.68	825744.95	7.5	7.2	13.5	2.2	At Grade	1	-
55	55	TM-15(E)	TM15E1	Lung Yiu Street Between Lung Hong Street And The Project Boundary	810594.09	825677.45	810553.79	825718.95	7.5	7.0	13.5	2.0	At Grade	1	-
56	56	TM-15(W)	TM15W1	Lung Yiu Street Between Lung Hong Street And The Project Boundary	810594.09	825677.45	810553.79	825718.95	7.5	7.0	13.5	2.0	At Grade	1	-
57	57	TM-16(N)	TM16N1	Lung Hong Street Between Lung Yiu Street And The Project Boundary	810594.09	825677.45	810549.92	825618.15	10.0	7.2	16.0	2.2	At Grade	1	-
58	58	TM-16(S)	TM16S1	Lung Hong Street Between Lung Yiu Street And The Project Boundary	810594.09	825677.45	810549.92	825618.15	10.0	7.2	16.0	2.2	At Grade	1	-
59	59	TM-17(N)	TM17N1	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810675.61	825686.01	810641.25	825636.52	12.0	8.4	18.0	3.4	At Grade	1	-
60	60	TM-17(N)	TM17N2	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810641.25	825636.52	810594.09	825677.45	12.0	7.0	18.0	2.0	At Grade	1	-
61	61	TM-17(S)	TM17S1	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810675.61	825686.01	810641.25	825636.52	12.0	8.4	18.0	3.4	At Grade	1	-
62	62	TM-17(S)	TM17S2	Lung Yiu Street Between Lung Mun Road And Lung Hong Street	810641.25	825636.52	810594.09	825677.45	12.0	7.0	18.0	2.0	At Grade	1	-
63	63	TM-18(E)	TM18E1	Lung Mun Road Between River Trade Terminal And The Project Boundary	811770.68	825461.81	811961.64	825376.47	7.5	8.7	13.5	3.7	At Grade	1	-
64	64	TM-18(W)	TM18W1	Lung Mun Road Between River Trade Terminal And The Project Boundary	811957.47	825367.60	811765.60	825452.64	7.5	8.5	13.5	3.5	At Grade	1	-
65	65	R1	ER01_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811354.35	825595.54	811292.72	825567.49	8.0	5.0	14.0	0.0	At Grade	1	-
66	66	R2	ER02_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811292.72	825567.49	811181.41	825617.62	8.0	5.0	14.0	0.0	At Grade	1	-
67	67	R3	ER03_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811181.41	825617.62	811088.50	825610.26	8.0	5.0	14.0	0.0	At Grade	1	-
68	68	R4	ER04_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811088.50	825610.26	811103.68	825462.62	8.0	10.0	8.0	10.0	Barrier	1	Vertical Barrier Included
69	69	R5	ER05_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811103.68	825462.62	811209.46	825399.60	8.0	15.0	14.0	10.0	At Grade	1	-
70	70	R6	ER06_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811209.46	825399.60	811142.04	825295.80	8.0	25.0	14.0	10.0	At Grade	1	-
71	71	R7	ER07_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811142.04	825295.80	811129.14	825150.36	8.0	25.0	14.0	10.0	At Grade	1	-

Appendix I5 - CALINE4 Input Configuration

Year 2023 **Base mPD** 5.0

No.	Order No. in CALINE4 Model	Road Link Index	CALINE4 Model Road Link ID	Road Name	Starting Co-ordinate		Ending Co-ordinate		Average Width	Average Height	Model Width	Model Height	Road Type	Road Code	Remarks
					X	Y	X	Y	(m)	(mPD)	(m)	(m)			
72	72	R9	ER09_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811142.04	825295.80	811237.82	825222.35	8.0	30.0	14.0	10.0	At Grade	1	-
73	73	R10	ER10_1	Tuen Mun Area 38 Fill Bank Internal Road (External Trucks)	811209.46	825399.60	811341.31	825389.33	8.0	20.0	14.0	10.0	At Grade	1	-
74	74	R6	IR06_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811209.46	825399.60	811142.04	825295.80	8.0	25.0	14.0	10.0	At Grade	1	-
75	75	R7	IR07_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811142.04	825295.80	811129.14	825150.36	8.0	25.0	14.0	10.0	At Grade	1	-
76	76	R10	IR10_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811209.46	825399.60	811341.31	825389.33	8.0	20.0	14.0	10.0	At Grade	1	-
77	77	R11	IR11_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	810984.81	825206.55	810900.73	825094.02	8.0	8.5	8.0	8.5	Barrier	1	Vertical Barrier Included
78	78	R13	IR13_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811253.32	825193.44	811187.42	825059.95	8.0	10.0	14.0	5.0	At Grade	1	-
79	79	R14	IR14_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	810953.75	824970.32	810926.04	824929.81	8.0	5.0	14.0	0.0	At Grade	1	-
80	80	R15	IR15_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811075.48	824890.16	811061.62	824839.01	8.0	5.0	14.0	0.0	At Grade	1	-
81	81	R17	IR17_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811075.48	824890.16	810953.75	824970.32	8.0	5.0	14.0	0.0	At Grade	1	-
82	82	R19	IR19_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811187.42	825059.95	811117.41	824953.76	8.0	7.5	14.0	2.5	At Grade	1	-
83	83	R21	IR21_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811118.96	825149.75	811117.41	824953.76	8.0	15.0	14.0	10.0	At Grade	1	-
84	84	R22	IR22_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811117.41	824953.76	811075.48	824890.16	8.0	5.0	14.0	0.0	At Grade	1	-
85	85	R25	ER25_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811178.59	824924.24	811208.23	824981.39	8.0	5.0	14.0	0.0	At Grade	1	-
86	86	R26	ER26_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811208.23	824981.39	811242.31	824963.71	8.0	5.0	14.0	0.0	At Grade	1	-
87	87	R27	ER27_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811242.31	824963.71	811353.49	825232.51	8.0	5.0	14.0	0.0	At Grade	1	-
88	88	R28	ER28_1	Tuen Mun Area 38 Temporary Construction Waste Sorting Facility Internal Road	811353.49	825232.51	811492.44	825571.56	8.0	5.0	14.0	0.0	At Grade	1	-
89	89	R12	IR12_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811253.32	825193.44	811341.31	825389.33	8.0	10.0	14.0	5.0	At Grade	1	-
90	90	R20	IR20_1	Tuen Mun Area 38 Fill Bank Internal Road (Internal Trucks)	811075.06	824980.27	811117.41	824953.76	8.0	10.0	14.0	5.0	At Grade	1	-

APPENDIX J PREDICTED CUMULATIVE POLLUTANT CONCENTRATIONS AT IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

RSP - 10th Highest 24-hour Average (Assessment Year 2024)

						10th Highest 24-hr Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	72.66	72.55	72.53	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	72.18	72.12	72.07	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	70.62	70.54	70.43	70.36
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	74.71	74.65	74.79	74.83
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	73.88	73.77	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	77.51	77.56	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	73.68	73.58	73.51	73.54
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	74.00	73.91	73.76	73.67
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	72.06	72.00	71.98	71.99
A10	PAFF Office	810410.85	825372.51	15,38	5.0	71.98	71.93	71.92	71.90
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	70.16	70.10	70.03	69.97
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	75.02	74.62	74.08	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	100	100	100	100
					Maximum Contribution to AQO Standard in %	77.51%	77.56%	74.79%	74.83%

RSP - 10th Highest 24-hour Average (Assessment Year 2025)

						10th Highest 24-hr Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	72.54	72.43	72.41	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	71.72	71.66	71.60	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	70.37	70.29	70.19	70.11
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	74.38	74.26	74.34	74.37
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	73.42	73.31	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	77.27	77.31	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	73.22	73.13	73.06	73.09
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	73.53	73.44	73.29	73.20
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	71.94	71.88	71.86	71.87
A10	PAFF Office	810410.85	825372.51	15,38	5.0	71.58	71.57	71.56	71.54
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	69.92	69.86	69.79	69.73
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	74.69	74.29	73.76	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	70.42	70.31	70.19	70.15
					AQO Standard	100	100	100	100
					Maximum Contribution to AQO Standard in %	77.27%	77.31%	74.34%	74.37%

RSP - 10th Highest 24-hour Average (Assessment Year 2028)

						10th Highest 24-hr Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	72.55	72.43	72.41	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	71.72	71.67	71.61	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	70.38	70.31	70.20	70.12
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	74.40	74.28	74.34	74.38
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	73.43	73.32	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	77.28	77.33	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	73.23	73.13	73.06	73.10
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	73.54	73.45	73.30	73.21
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	71.95	71.89	71.87	71.88
A10	PAFF Office	810410.85	825372.51	15,38	5.0	71.59	71.57	71.56	71.55
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	69.93	69.87	69.80	69.74
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	74.70	74.30	73.77	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	70.43	70.32	70.20	70.16
					AQO Standard	100	100	100	100
					Maximum Contribution to AQO Standard in %	77.28%	77.33%	74.34%	74.38%

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

RSP - Annual Average (Assessment Year 2024)

						Annual Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	30.47	30.41	30.43	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	31.40	31.36	31.33	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	30.49	30.40	30.27	30.16
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	33.16	33.04	32.94	32.79
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	32.77	32.65	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	34.95	34.96	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	32.71	32.65	32.60	32.62
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	32.18	32.13	32.05	31.97
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	29.85	29.81	29.80	29.82
A10	PAFF Office	810410.85	825372.51	15,38	5.0	31.15	31.11	31.09	31.07
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	29.64	29.57	29.50	29.44
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	34.58	34.11	33.41	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	69.91%	69.92%	66.82%	65.59%

RSP - Annual Average (Assessment Year 2025)

						Annual Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	30.46	30.40	30.42	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	31.38	31.34	31.32	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	30.46	30.38	30.25	30.14
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	33.14	33.03	32.92	32.77
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	32.74	32.62	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	34.94	34.94	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	32.69	32.63	32.59	32.60
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	32.16	32.10	32.02	31.94
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	29.85	29.81	29.79	29.81
A10	PAFF Office	810410.85	825372.51	15,38	5.0	31.14	31.10	31.08	31.06
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	29.63	29.56	29.48	29.42
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	34.57	34.10	33.40	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	30.60	30.48	30.30	30.18
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	69.87%	69.88%	66.79%	65.55%

RSP - Annual Average (Assessment Year 2028)

						Annual Average RSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	30.47	30.41	30.44	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	31.39	31.35	31.33	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	30.48	30.39	30.26	30.15
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	33.15	33.04	32.94	32.79
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	32.76	32.64	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	34.95	34.96	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	32.70	32.64	32.60	32.62
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	32.17	32.11	32.03	31.95
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	29.86	29.82	29.80	29.82
A10	PAFF Office	810410.85	825372.51	15,38	5.0	31.14	31.11	31.08	31.06
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	29.64	29.57	29.49	29.43
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	34.58	34.11	33.41	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	30.61	30.50	30.31	30.19
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	69.90%	69.91%	66.82%	65.57%

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

FSP - 19th Highest 24-hour Average (Assessment Year 2024)

						19th Highest 24-hr Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	40.11	40.02	39.99	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	41.28	41.24	41.19	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	39.46	39.42	39.35	39.30
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	42.57	42.52	42.71	42.69
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	41.64	41.59	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	43.73	43.91	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	42.23	42.19	42.21	42.22
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	41.48	41.44	41.45	41.42
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	39.84	39.78	39.76	39.79
A10	PAFF Office	810410.85	825372.51	15,38	5.0	41.20	41.20	41.19	41.18
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	39.15	39.11	39.06	39.03
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	42.45	42.25	41.93	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	87.46%	87.81%	85.42%	85.38%

FSP - 19th Highest 24-hour Average (Assessment Year 2025)

						19th Highest 24-hr Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	39.89	39.79	39.76	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	41.28	41.24	41.19	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	39.17	39.14	39.07	39.02
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	42.58	42.53	42.73	42.70
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	41.64	41.59	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	43.66	43.83	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	42.24	42.20	42.22	42.24
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	41.46	41.42	41.43	41.40
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	39.62	39.57	39.54	39.57
A10	PAFF Office	810410.85	825372.51	15,38	5.0	41.20	41.20	41.20	41.19
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	38.88	38.83	38.79	38.75
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	42.34	42.26	41.95	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	39.00	38.96	38.88	38.86
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	87.31%	87.66%	85.45%	85.41%

FSP - 19th Highest 24-hour Average (Assessment Year 2028)

						19th Highest 24-hr Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	39.90	39.81	39.77	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	41.29	41.25	41.20	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	39.19	39.15	39.08	39.03
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	42.60	42.55	42.74	42.72
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	41.66	41.61	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	43.66	43.84	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	42.26	42.22	42.24	42.25
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	41.47	41.43	41.44	41.41
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	39.63	39.57	39.54	39.58
A10	PAFF Office	810410.85	825372.51	15,38	5.0	41.21	41.21	41.20	41.20
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	38.88	38.84	38.79	38.76
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	42.35	42.28	41.96	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	39.01	38.97	38.89	38.87
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	87.33%	87.68%	85.49%	85.44%

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

FSP - Annual Average (Assessment Year 2024)

						Annual Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	17.08	17.07	17.15	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	17.20	17.18	17.18	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	16.91	16.87	16.80	16.76
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	17.93	17.89	17.95	17.95
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	17.44	17.41	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	18.94	19.08	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	17.70	17.71	17.81	17.94
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	17.22	17.21	17.20	17.19
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	16.81	16.80	16.81	16.86
A10	PAFF Office	810410.85	825372.51	15,38	5.0	17.13	17.12	17.11	17.10
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	16.57	16.52	16.47	16.43
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	18.53	18.35	18.13	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	25	25	25	25
					Maximum Contribution to AQO Standard in %	75.74%	76.32%	72.53%	71.81%

FSP - Annual Average (Assessment Year 2025)

						Annual Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	17.10	17.09	17.16	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	17.21	17.19	17.19	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	16.91	16.87	16.80	16.76
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	17.93	17.90	17.95	17.96
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	17.44	17.41	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	18.94	19.09	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	17.71	17.72	17.82	17.94
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	17.22	17.20	17.20	17.19
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	16.83	16.81	16.82	16.87
A10	PAFF Office	810410.85	825372.51	15,38	5.0	17.14	17.13	17.12	17.11
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	16.57	16.52	16.48	16.44
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	18.54	18.36	18.14	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	17.03	16.98	16.89	16.86
					AQO Standard	25	25	25	25
					Maximum Contribution to AQO Standard in %	75.77%	76.35%	72.56%	71.83%

FSP - Annual Average (Assessment Year 2028)

						Annual Average FSP (µg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	17.11	17.10	17.17	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	17.22	17.20	17.20	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	16.92	16.88	16.81	16.77
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	17.95	17.91	17.96	17.97
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	17.46	17.42	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	18.96	19.10	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	17.72	17.73	17.83	17.95
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	17.23	17.21	17.21	17.20
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	16.84	16.82	16.83	16.88
A10	PAFF Office	810410.85	825372.51	15,38	5.0	17.15	17.13	17.13	17.12
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	16.58	16.53	16.48	16.45
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	18.55	18.37	18.15	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	17.05	16.99	16.91	16.87
					AQO Standard	25	25	25	25
					Maximum Contribution to AQO Standard in %	75.82%	76.40%	72.61%	71.88%

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

NO_2 - 19th Highest 1-hour Average (Assessment Year 2024)

						19th Highest 1-hr Average NO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	135.00	134.95	135.05	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	133.87	134.95	134.03	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	126.03	125.94	125.96	125.21
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	136.91	136.93	136.87	137.14
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	137.43	137.27	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	137.27	137.19	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	136.70	136.60	136.06	135.92
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	136.67	137.04	138.01	138.40
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	134.75	134.60	134.23	133.88
A10	PAFF Office	810410.85	825372.51	15,38	5.0	132.53	132.26	132.14	132.16
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	137.56	134.51	129.69	129.33
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	136.22	136.11	135.74	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	200	200	200	200
					Maximum Contribution to AQO Standard in %	68.78%	68.64%	69.01%	69.20%

NO_2 - 19th Highest 1-hour Average (Assessment Year 2025)

						19th Highest 1-hr Average NO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	134.59	133.98	134.90	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	133.81	133.98	133.99	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	123.60	123.73	123.59	124.22
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	138.83	138.78	138.43	137.91
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	137.73	137.30	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	136.89	137.16	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	136.98	136.72	136.40	136.34
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	137.37	137.47	137.34	137.23
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	135.41	134.39	132.39	131.82
A10	PAFF Office	810410.85	825372.51	15,38	5.0	133.42	133.36	133.18	133.01
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	136.29	131.97	128.92	126.15
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	136.79	136.01	135.47	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	121.12	120.91	120.72	120.11
					AQO Standard	200	200	200	200
					Maximum Contribution to AQO Standard in %	69.41%	69.39%	69.21%	68.95%

NO_2 - 19th Highest 1-hour Average (Assessment Year 2028)

						19th Highest 1-hr Average NO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	134.71	133.98	134.78	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	133.68	133.73	133.80	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	123.50	123.98	123.54	123.55
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	138.81	138.73	138.18	137.66
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	137.39	137.30	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	137.01	137.29	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	136.86	136.60	136.65	136.34
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	137.37	137.71	137.59	137.34
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	134.36	133.19	131.41	131.04
A10	PAFF Office	810410.85	825372.51	15,38	5.0	133.44	133.38	133.19	133.13
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	134.62	129.98	127.82	125.43
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	136.47	136.25	135.32	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	119.89	119.94	120.07	120.24
					AQO Standard	200	200	200	200
					Maximum Contribution to AQO Standard in %	69.40%	69.37%	69.09%	68.83%

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

SO_2 - 4th Highest 10-min Average (Assessment Year 2024)

						4th Highest 10-min Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	109.27	109.27	109.27	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	128.25	128.25	128.25	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	75.59	75.60	75.61	75.63
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	128.22	128.21	128.21	128.21
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	128.22	128.22	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	128.22	128.22	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	128.21	128.21	128.21	128.21
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	128.22	128.22	128.22	128.23
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	109.27	109.26	109.26	109.26
A10	PAFF Office	810410.85	825372.51	15,38	5.0	128.25	128.24	128.24	128.24
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	75.28	75.28	75.28	75.28
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	128.22	128.22	128.22	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	**500**	**500**	**500**	**500**
					Maximum Contribution to AQO Standard in %	**25.65%**	**25.65%**	**25.65%**	**25.65%**

SO_2 - 4th Highest 10-min Average (Assessment Year 2025)

						4th Highest 10-min Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	116.97	116.98	116.98	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	137.65	137.65	137.65	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	87.66	87.67	87.70	87.72
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	137.62	137.62	137.62	137.62
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	137.62	137.62	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	137.62	137.62	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	137.62	137.62	137.62	137.62
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	137.62	137.62	137.62	137.63
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	116.96	116.96	116.96	116.96
A10	PAFF Office	810410.85	825372.51	15,38	5.0	137.65	137.65	137.64	137.64
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	88.73	88.78	88.83	88.87
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	137.63	137.63	137.63	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	87.87	87.91	87.97	88.02
					AQO Standard	**500**	**500**	**500**	**500**
					Maximum Contribution to AQO Standard in %	**27.53%**	**27.53%**	**27.53%**	**27.53%**

SO_2 - 4th Highest 10-min Average (Assessment Year 2028)

						4th Highest 10-min Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	116.97	116.98	116.98	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	137.65	137.65	137.65	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	87.66	87.67	87.70	87.72
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	137.62	137.62	137.62	137.62
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	137.62	137.62	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	137.62	137.62	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	137.62	137.62	137.62	137.62
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	137.62	137.62	137.62	137.63
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	116.96	116.96	116.96	116.96
A10	PAFF Office	810410.85	825372.51	15,38	5.0	137.65	137.65	137.64	137.64
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	88.73	88.78	88.83	88.87
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	137.63	137.63	137.63	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	87.87	87.91	87.97	88.02
					AQO Standard	**500**	**500**	**500**	**500**
					Maximum Contribution to AQO Standard in %	**27.53%**	**27.53%**	**27.53%**	**27.53%**

Appendix J - Predicted Pollutant Concentrations at Representative ASRs (Cumulative)

SO_2 - 4th Highest 24-hour Average (Assessment Year 2024)

						4th Highest 24-hr Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	16.33	16.33	16.33	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	16.38	16.38	16.38	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	14.55	14.55	14.55	14.55
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	16.38	16.38	16.38	16.38
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	16.38	16.38	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	16.39	16.39	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	16.37	16.37	16.37	16.38
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	16.38	16.38	16.39	16.39
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	16.31	16.31	16.31	16.31
A10	PAFF Office	810410.85	825372.51	15,38	5.0	16.37	16.37	16.37	16.37
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	14.52	14.52	14.52	14.52
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	16.38	16.38	16.39	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	-	-	-	-
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	32.78%	32.79%	32.78%	32.78%

SO_2 - 4th Highest 24-hour Average (Assessment Year 2025)

						4th Highest 24-hr Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	17.23	17.24	17.26	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	16.90	16.90	16.89	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	15.33	15.33	15.35	15.36
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	16.84	16.83	16.83	16.83
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	16.86	16.86	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	16.83	16.83	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	16.88	16.87	16.87	16.87
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	16.92	16.92	16.92	16.93
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	17.17	17.17	17.17	17.17
A10	PAFF Office	810410.85	825372.51	15,38	5.0	16.85	16.84	16.84	16.84
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	15.28	15.27	15.27	15.27
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	16.84	16.84	16.84	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	15.32	15.32	15.33	15.33
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	34.45%	34.48%	34.53%	34.35%

SO_2 - 4th Highest 24-hour Average (Assessment Year 2028)

						4th Highest 24-hr Average SO_2 (μg/m3)			
						Receptor Height (mAG)			
ASR ID	ASR Description	X	Y	PATH Grid	Base mPD	1.5	4.5	7.5	10
A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	17.23	17.24	17.26	-
A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	16.90	16.90	16.89	-
A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	15.33	15.33	15.35	15.36
A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	16.84	16.83	16.83	16.83
A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	16.86	16.86	-	-
A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	16.83	16.83	-	-
A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	16.88	16.87	16.87	16.87
A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	16.92	16.92	16.92	16.93
A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	17.17	17.17	17.17	17.17
A10	PAFF Office	810410.85	825372.51	15,38	5.0	16.85	16.84	16.84	16.84
A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	15.28	15.27	15.27	15.27
A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	16.84	16.84	16.84	-
A13	EcoPark Tenant: Zhou Ji paper	810953.00	825484.00	16,39	5.0	15.32	15.32	15.33	15.33
					AQO Standard	50	50	50	50
					Maximum Contribution to AQO Standard in %	34.45%	34.48%	34.53%	34.35%

APPENDIX K COMPARISON OF PREDICTED POLLUTANT CONCENTRATIONS AT IDENTIFIED REPRESENTATIVE AIR SENSITIVE RECEIVERS (TIER 1+TIER 2)

Appendix K - Comparison of Predicted Pollutant Concentrations at Representative ASRs (Tier 1+Tier 2)

Pollutant	Averaging Period	Scenario	ASR ID	ASR Description	X	Y	PATH Grid	Based mPD	Predicted Concentrations (Tier 1 + Tier 2) (μg/m³)			
									Receptor Height (mAG)			
					(HK1980)	(HK1980)	(II,JJ)	(mPD)	1.5	4.5	7.5	10
NO_2	Annual	Year 2023	A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	5.67	5.57	5.51	-
			A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	3.42	3.43	3.46	-
			A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	8.54	8.33	8.00	7.68
			A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	5.18	5.15	5.10	5.06
			A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	5.14	5.12	-	-
			A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	5.07	5.04	-	-
			A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	4.68	4.65	4.61	4.59
			A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	4.47	4.47	4.49	4.53
			A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	6.46	6.11	5.66	5.63
			A10	PAFF Office	810410.85	825372.51	15,38	5.0	3.15	3.14	3.14	3.15
			A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	12.97	11.13	9.38	8.15
			A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	4.61	4.58	4.56	-
			A13	EcoPark Tenant: Zhou Ji paper	810953.05	825484.03	16,39	5.0	6.38	6.27	6.19	6.13
		Year 2024	A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	5.02	4.92	4.88	-
			A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	2.75	2.77	2.82	-
			A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	7.31	7.14	6.88	6.63
			A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	4.04	4.02	3.99	3.98
			A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	3.83	3.83	-	-
			A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	4.13	4.11	-	-
			A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	3.67	3.66	3.64	3.64
			A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	3.36	3.37	3.41	3.46
			A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	5.37	5.10	4.76	4.82
			A10	PAFF Office	810410.85	825372.51	15,38	5.0	2.60	2.59	2.61	2.64
			A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	9.98	8.61	7.30	6.38
			A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	4.05	4.02	4.01	-
			A13	EcoPark Tenant: Zhou Ji paper	810953.05	825484.03	16,39	5.0	5.75	5.65	5.58	5.54
		Year 2025	A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	4.65	4.57	4.55	-
			A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	2.56	2.58	2.63	-
			A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	6.79	6.63	6.40	6.18
			A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	3.68	3.66	3.63	3.62
			A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	3.46	3.46	-	-
			A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	3.77	3.75	-	-
			A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	3.38	3.36	3.35	3.35
			A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	3.04	3.05	3.08	3.13
			A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	5.00	4.74	4.43	4.52
			A10	PAFF Office	810410.85	825372.51	15,38	5.0	2.45	2.44	2.45	2.48
			A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	9.68	8.35	7.08	6.19
			A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	3.75	3.72	3.71	-
			A13	EcoPark Tenant: Zhou Ji paper	810953.05	825484.03	16,39	5.0	5.19	5.10	5.06	5.05

Pollutant	Averaging Period	Equation	ASR ID	ASR Description	X	Y	PATH Grid	Based mPD	Differences of Predicted Concentrations (μg/m³)			
									Receptor Height (mAG)			
					(HK1980)	(HK1980)	(II,JJ)	(mPD)	1.5	4.5	7.5	10
NO_2	Annual	Year 2024 - Year 2023	A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	-0.65	-0.64	-0.63	-
			A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	-0.67	-0.66	-0.64	-
			A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	-1.22	-1.19	-1.12	-1.05
			A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	-1.15	-1.13	-1.11	-1.09
			A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	-1.31	-1.29	-	-
			A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	-0.94	-0.93	-	-
			A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	-1.01	-1.00	-0.98	-0.95
			A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	-1.11	-1.10	-1.08	-1.07
			A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	-1.09	-1.01	-0.90	-0.80
			A10	PAFF Office	810410.85	825372.51	15,38	5.0	-0.55	-0.54	-0.53	-0.52
			A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	-2.99	-2.52	-2.08	-1.78
			A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	-0.56	-0.56	-0.55	-
			A13	EcoPark Tenant: Zhou Ji paper	810953.05	825484.03	16,39	5.0	-0.63	-0.62	-0.61	-0.59
		Year 2025 - Year 2024	A1	EcoPark Tenant: HP Telford	810817.60	825484.00	15,39	6.0	-0.37	-0.36	-0.33	-
			A2	EcoPark Tenant: Baguio	810493.30	825306.40	15,38	5.0	-0.19	-0.19	-0.19	-
			A3	EcoPark Tenant: WEEE	811013.00	825570.00	16,39	5.0	-0.53	-0.51	-0.48	-0.45
			A4	EcoPark Tenant: South China	810816.49	825258.22	15,38	5.0	-0.36	-0.36	-0.36	-0.35
			A5	EcoPark Tenant: Chung Yue	810751.11	825204.21	15,38	5.0	-0.37	-0.37	-	-
			A6	EcoPark Tenant: K Wah	810850.87	825284.84	15,38	5.0	-0.36	-0.36	-	-
			A7	EcoPark Tenant: HKBRC	810768.20	825270.80	15,38	5.0	-0.29	-0.29	-0.29	-0.28
			A8	EcoPark Tenant: E-Tech	810656.00	825181.60	15,38	5.0	-0.32	-0.33	-0.33	-0.33
			A9	EcoPark Administration Building	810790.88	825595.66	15,39	6.0	-0.37	-0.36	-0.33	-0.31
			A10	PAFF Office	810410.85	825372.51	15,38	5.0	-0.15	-0.15	-0.15	-0.15
			A11	Goodman Westlink	811153.60	825728.14	16,39	10.0	-0.30	-0.26	-0.22	-0.19
			A12	EcoPark Tenant: On Fat Lung	810855.20	825356.90	15,38	5.0	-0.30	-0.30	-0.30	-
			A13	EcoPark Tenant: Zhou Ji paper	810953.05	825484.03	16,39	5.0	-0.55	-0.54	-0.52	-0.50

Note:
(1) The comparison of the predicted concentrations of each pollutant at the respective averaging periods was done by calculating the difference of predicted concentrations in Year 2024 - predicted concentrations in Year 2023 and predicted concentrations in Year 2025 - predicted concentrations in Year 2024.

APPENDIX L IMPLEMENTATION SCHEDULE OF AIR QUALITY MITIGATION MEASURES

Appendix L - Implementation Schedule of Air Quality Mitigation Measures

Reference	Air Quality Mitigation Measures	Location of Recommended Measures	Duration/ Timing of Recommended Measures	Implementation Party	Relevant Legislation & Guidelines
Condition 3.2 of EP	The maximum stockpiling height at the fill bank shall be limited to a maximum of +65.2mPD. From 1 January 2014, a minimum of 3.2 hectares of stockpile area shall be covered with no less than 50mm thick gravel at the designated location (see Figure 2 of EP).	Stockpiling area of TMFB	Throughout the operation phase	Contractor / CEDD	-
Condition 3.3 of EP	Hoarding of at least 2.4 m high shall be erected along the site boundary adjacent to Lung Mun Road, the River Trade Terminal, except at the site entrance/exit, prior to commencement of the operational phase. Hoarding of at least 2.4 m high shall also be erected along the site boundary adjacent to the future Recovery Park (now known as EcoPark) prior to its occupation taking place.	TMFB site boundary adjacent to Lung Mun Road, River Trade Terminal and EcoPark	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Condition 3.4 of EP	All haul roads within the site shall be covered with concrete, bituminous materials, hardcores or metal plates. The following sections of main haul road (see Figure 2 of EP) shall be kept wet at all operational hours: a) 320 metre of main haul road located south of the wheel washing facility and; b) 160 metres of main haul road running parallel to western site boundary between stockpiling area and the enclosed conveyor belt system.	All haul roads within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Condition 3.5 of EP	Haul roads within the site and stockpiling areas associated with the operation of the site crusher shall be watered at least once every hour so as to maintain the entire road surface wet during operation of the project.	All haul roads and stockpiling area within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Condition 3.6 of EP	Tipping halls at the waterfront provided for transfer of public fill from trucks to barges shall be of enclosed design with top and 3-sides enclosed to prevent spillage of material into marine water.	Tipping halls (i.e. B1, B2, B3) at TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation

Reference	Air Quality Mitigation Measures	Location of Recommended Measures	Duration/ Timing of Recommended Measures	Implementation Party	Relevant Legislation & Guidelines
Condition 3.8 of EP	A “truckload control zone” of an area 100 m x 100 m shall be established in the north-eastern corner at location shown in Figure 2 of EP) where no more than 64 vehicle-trip per hour and 704 vehicle-trip per day shall be allowed to travel to the control zone between 0800 and 2000 hours daily. No traffic to the control zone shall be allowed between 2000 and 0800 hours daily.	Northeastern corner of TMFB	Throughout the operation phase	Contractor / CEDD	-
Condition 3.9 of EP	Vehicle travelling within the site shall not exceed a speed of 10 km per hour.	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	-
Condition 3.10 of EP	All belt conveyor systems used on site shall be enclosed on top and 2 sides and equipped with bottom plates to prevent spillage of material. Every transfer point between two conveyors shall be totally enclosed. The vertical distance between connecting belt conveyors and the material landing point shall be no more than 1 m.	C&DMSF (NSA) within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Condition 3.12 of EP	Vehicle wheel washing facilities including high pressure water jets shall be provided at designated vehicle exit points and operated by designated staff. Before leaving the site, every vehicle shall be washed to remove any dusty materials from its body and wheels;	Site exit of TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Condition 3.23 of EP	The section of main haul road as stated in Condition 3.4(b) of EP shall be no less than 75m away from western site boundary of the project to reduce potential air quality impact to EcoPark.	Section of main haul road as stated in Condition 3.4(b) of EP	Throughout the operation phase	Contractor / CEDD	-
Condition 3.24 of EP	A vertical barrier of 5m high shall be erected along the west side of the main haul road as shown in Figure 2 of EP to reduce potential air quality impact to EcoPark.	Main haul roads as shown in Figure 2 of EP	Throughout the operation phase	Contractor / CEDD	-
Condition 3.25 of EP	The sorted material from C&DMSF (NSA) shall be delivered to barging point B3 via an enclosed conveyor belt system as stated in Condition 3.10 of EP to avoid delivery by dump trucks.	C&DMSF (NSA) within TMFB	Throughout the operation phase	Contractor / CEDD	-
Condition 3.26 of EP	The C&DMSF (NSA) and its enclosed conveyor belt system shall be operated with CLP Power Hong Kong Limited (CLP) supply to avoid emissions from diesel generators.	C&DMSF (NSA) within TMFB	Throughout the operation phase	Contractor / CEDD	-

Reference	Air Quality Mitigation Measures	Location of Recommended Measures	Duration/ Timing of Recommended Measures	Implementation Party	Relevant Legislation & Guidelines
Condition 3.27 of EP	The internal dump trucks used for material handling within the entire project area shall be at least of Euro V emission standard.	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	-
Condition 3.28 of EP	The processing capacity of the site crusher shall be no more than 100 tonnes per hour and shall only operate from 0700 to 2300 daily.	Site crusher near eastern boundary of TMFB	Throughout the operation phase	Contractor / CEDD	-
Section 3.7	Major haul roads and material stockpiling areas will be watered at least once every hour during operation to ensure that the roads and stockpiling areas are kept sufficiently dampened;	All haul roads and stockpiling area within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Temporary slope surfaces of the stockpiling areas shall be covered with tarpaulin sheets or other impermeable sheets, or sprayed with water or a dust suppression chemical;	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Internal haul roads shall be kept wet at all times;	Internal haul roads within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Trucks carrying dusty load entered to the site shall be sprayed with water once the impervious sheeting covering the load is removed;	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	All public fill delivery trucks carrying dusty load leaving the fill bank shall be required to be covered entirely by clean impervious sheeting to prevent the dusty materials leaking from the vehicles;	Site exit of TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	At the barging point, the drop height between the barge and dump trucks shall be minimised	Tipping halls (i.e. B1, B2, B3) at TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	All dusty fill materials shall be sprayed with water or a dust suppression chemical prior to loading, unloading or transfer so as to maintain the fill material wet, except of situations where the moisture content of the dusty material is a matter of concern;	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation

Reference	Air Quality Mitigation Measures	Location of Recommended Measures	Duration/ Timing of Recommended Measures	Implementation Party	Relevant Legislation & Guidelines
Section 3.7	Loading of public fill delivered by barges to the site shall be sprayed with water at the material landing point to minimise dust emissions except when the materials are sufficiently dampened when landed. Any mist spraying applied should only dampen the dusty materials and overwatering should be avoided;	Barging points (i.e. IB1 and IB2) at TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Dusty materials loaded from a belt conveyor outlet to stockpiles, storage bins, trucks, barges and other open areas shall be sprayed with water or a dust suppression chemical;	C&DMSF (NSA) within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Final slope surfaces shall be treated by compaction, followed by hydroseeding, vegetation planting or other suitable surface stabilizer approved by CEDD to prevent the washing away of stockpiled material;	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Watering of additional stockpiling (due to increased stockpiling height) at least once every hour to minimise dust generation;	Stockpiling area of TMFB	Throughout the operation phase	Contractor / CEDD	Air Pollution Control (Construction Dust) Regulation
Section 3.7	Full implementation of on-shore power supply for marine vessels while at berth at TMFB;	Barging points B1 to B3, IB1 and IB2 within TMFB	To be implemented for the operation phase by 2025	Contractor / CEDD	-
Section 3.7	Increase of the use of internal trucks with at least Euro VI standard to at least 57% of the internal truck fleet;	All areas within TMFB	To be implemented for the operation phase by 2025	Contractor / CEDD	-
Section 3.7	Propose and implement further air quality mitigation measures as appropriate should there be noticeable increase of measured Total Suspended Particulates (TSP) levels that could be attributed to the increase of the stockpiling height;	All areas within TMFB	Throughout the operation phase	Contractor / CEDD	-
Section 3.7	Reduce processing capacity of NSA operation and the associated marine transportation.	C&DMSF (NSA) within TMFB	Throughout the operation phase	Contractor / CEDD	-

Note:

(a) EP refers to EP-210/2005/E.