Proposed Residential Development (Flat) with Shop and Services Uses with Minor Relaxation of Plot Ratio and Building Height Restrictions at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land

(Planning Application No. A/TM-LTYY/502)

Further Information No. 2

Appendix I

Revised Air Quality Impact Assessment

Prepared for

Free Ocean Investments Limited

Prepared by

Ramboll Hong Kong Limited

S16 PLANNING APPLICATION PROPOSED MINOR RELAXATION OF PLOT RATIO AND BUILDING HEIGHT RESTRICTIONS FOR THE PROPOSED RESIDENTIAL DEVELOPMENT (FLAT) WITH SHOP AND SERVICES USE AT LOTS 531 RP, 532 S.D. RP AND 532 RP IN DD 130 AND THE ADJOINING GOVERNMENT LAND, LAM TEI, TUEN MUN

AIR QUALITY IMPACT ASSESSMENT REPORT

Date	**November 2025**
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Project Reference	**ASLLT130EI00**
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1. INTRODUCTION

1.1 Project Background

1.1.1 This Planning Application is prepared and submitted on behalf of Free Ocean Investments Limited ("the Applicant") to seek approval from the Town Planning Board ("TPB") under Section 16 of the Town Planning Ordinance for the Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei ("Application Site"/the "Site"). The Application Site falls within "Commercial" ("C") zone and area shown as Road on the Draft Lam Tei and Yick Yuen Outline Zoning Plan ("Draft OZP") No. S/TM-LTYY/13.

1.1.2 TPB approved a similar application for minor relaxation of Plot Ratio and Building Height Restrictions for a proposed residential development with shop and services at the Site (TPB Ref.: A/TM-LTYY/426) on 24 June 2022. In order to support the planning application, an Air Quality Impact Assessment Report (the Previous Approved AQIA Report) has been submitted and approved by Environmental Protection Department. Subsequent to the approval of the aforementioned planning application, the Applicant has lodged the land exchange application to the Lands Department to kick-start the approved development. For better management of the residual unmanned land near the Site, and as negotiated with the Lands Department, the Application Site has been modified to include the unmanned land and road works in relation to the proposed run in/out for the Proposed Residential Development. Whilst the resultant development scheme involves material changes to the approved scheme, a fresh Section 16 Planning Application is therefore required.

1.1.3 Ramboll Hong Kong Limited is commissioned to conduct an Air Quality Impact Assessment (AQIA) for the support of the planning application.

1.2 Objectives

1.2.1 This AQIA covers the following aspects:

i. Assess the potential air quality impacts associated with vehicular emissions from the nearby roads;

ii. Assess the potential air quality impacts associated with chimneys emissions; and

iii. Propose mitigation measures, where necessary, to reduce the air quality impacts to an acceptable level.

1.3 Report Structure

1.3.1 The remaining chapters of this report are shown below:

Chapter 2 – Site and Proposed Development

Chapter 3 – Air Quality Impact

Chapter 4 – Conclusion

2. SITE AND PROPOSED DEVELOPMENT

2.1 Development Site Location and Its Environs

2.1.1 The Development Site is currently vacant and situated at San Hing Tsuen, Lam Tei bounded by Castle Peak Road – Lam Tei Section to the southeast, Tuen Ma Line viaduct and Light Rail Transit tracks to the northwest. To the north is the existing residential development, Lingrade Garden separated by an open space. Some temporary carpark, open storage and the village houses are located to the west of the Development Site separated by a nullah. The Development Site area is about 2,200 m^2. The Development Site Location and its environs are shown in **Figure 2.1**.

2.2 Proposed Development Scheme

2.2.1 The Proposed Development consists of one 20-storey residential tower with car parking, landscape gardens and shop. The development schedule of the Proposed Development is listed in **Table 2.1**.

Table 2.1 Development Schedule of the Proposed Development

Floor	Uses
G/F	Car parking, E/M Plant Rooms, Lobby, Landscaping Area and Shop
1/F	Car parking and E/M Plant Room
2/F	Recreational Facilities
3/F	Residential Units and Covered Landscape Area
4/F – 19/F	Residential Units
R/F	Roof Garden

2.2.2 The updated master layout plan, typical floor plan and sectional view are presented in **Appendix 2.1**.

2.2.3 As the Proposed Development is close to the Castle Peak Road – Lam Tei Section with heavy traffic volume, the air quality impact due to the vehicular emission upon the Proposed Development is considered to be significant. In order to minimise the air quality impact from Castle Peak Road – Lam Tei Section, a podium is proposed as a mitigation measure (i.e. the 1st residential level would be located at a higher level).

3. LEGISLATIVE REQUIREMENTS AND EVALUATION CRITERIA

3.1 Assessment Criteria

3.1.1 The principal legislation for the management of air quality in Hong Kong is the *Air Pollution Control Ordinance (APCO)* (Cap. 311). The Hong Kong AQOs enacted on 11 April 2025 would be adopted for this AQIA. They are listed in **Table 3.1** below.

Table 3.1 Hong Kong Air Quality Objective

Pollutants	Average Time	Standard [i] (μg/m³)	No. of exceedances allowed
SO_2	10-min	500	3
	24-Hour	40	3
RSP (PM_{10}) [ii]	24-Hour	75	9
	Annual	30	NA
FSP ($PM_{2.5}$) [iii]	24-Hour	37.5	18
	Annual	15	NA
NO_2	1-Hour	200	18
	24-Hour	120	9
	Annual	40	NA
Ozone (O_3)	8-Hour	160	9
	Peak Season	100	NA
Carbon Monoxide (CO)	1-Hour	30,000	0
	8-Hour	10,000	0
	24-Hour	4,000	0
Lead (Pb)	Annual	0.5	NA

Notes:

[i] All measurements of the concentration of gaseous air pollutants, i.e. sulphur dioxide, nitrogen dioxide, ozone and carbon monoxide, are to be adjusted to a reference temperature of 293 Kelvin and a reference pressure of 101.325 kilopascal.

[ii] Respirable suspended particulates (PM_{10}) mean suspended particles in air with a nominal aerodynamic diameter of 10 μm or less.

[iii] Fine suspended particulates ($PM_{2.5}$) mean suspended particles in air with a nominal aerodynamic diameter of 2.5 μm or less.

3.1.2 Annex 4 of amended Technical Memorandum on Environmental Impact Assessment Process (EIAO-TM) stipulates that the odour level at air sensitive receiver should meet 5 odour units based on an averaging time of 5 seconds for odour prediction assessment.

3.2 Air Pollution Control (Fuel Restriction) Regulations

3.2.1 The Air Pollution Control (Fuel Restriction) Regulations were enacted in 1990 and amended in 2008 to restrict the types of fuel for use and their sulphur contents in commercial and industrial processes to reduce sulphur dioxide (SO_2) emissions. In November 2024, the Regulations were amended to further tighten the control requirements of liquid fuels and remove the restrictions on the use of liquid and solid fuel in Sha Tin Fuel Restriction Area. Gaseous fuel, conventional solid fuel with a sulphur content not exceeding 1% by weight or liquid fuel with a sulphur content not exceeding 0.001% by weight and a viscosity not more than 6 centistokes at 40°C, such as Ultra Low Sulphur Diesel (ULSD), are permitted to be used.

3.3 Hong Kong Planning Standards and Guidelines

3.3.1 Section 3 and Table 1.3 in Chapter 9 of the Hong Kong Planning Standards and Guidelines (HKPSG) present the principal framework for planning against air pollution and a summary of common pollution sources, which includes industrial processes, motor vehicles, construction and reclamation sites, odour sources, dusty uses, etc. The recommended buffer distances are reproduced in **Table 3-2** and **Table 3-3**.

Table 3-2 HKPSG's Recommended Minimum Buffer Distance from Roads

Type of Road	Buffer Distance	Permitted Uses
Trunk Road (including expressway) and Primary Distributor	> 20 m	Active and passive recreation uses
	3 – 20 m	Passive recreational uses
	< 3 m	Amenity areas
District Distributor	> 10 m	Active and passive recreational uses
	< 10 m	Passive recreational uses
Local Distributor	> 5 m	Active and passive recreational uses
	< 5 m	Passive recreational uses
Under Flyovers	-	Passive recreational uses

Table 3-3 HKPSG's Recommended Minimum Buffer Distance from Industrial Chimneys

Difference in Height between Industrial Chimney Exit and the Site	Buffer Distance	Permitted Uses
< 20 m	> 200 m	Active and passive recreation uses
	5 – 200 m	Passive recreational uses
20 m – 30 m	> 100 m	Active and passive recreational uses
	5 – 100 m	Passive recreational uses
30 m – 40 m	> 50 m	Active and passive recreational uses
	5 – 50 m	Passive recreational uses
> 40 m	> 10 m	Active & Passive recreational uses

3.4 Existing Air Quality

3.4.1 The nearest general air quality monitoring station (AQMS) to the Proposed Development is the Tuen Mun AQMS. The five most recent years of air quality monitoring data, 2020 to 2024, from this station are summarized in **Table 3.4**. According to the AQMS monitoring data presented in **Table 3.4**, exceedances of the AQOs were recorded for RSP, FSP, NO_2 and O3 concentrations in various years.

3.4.2 The future background air quality data was extracted from the Pollutants in the Atmosphere and their Transport over Hong Kong model version 3.0 (PATH v3.0) released by EPD in January 2024.

3.4.3 As the tentative year of completion of the Proposed Development is 2030, the year of 2030 hourly background concentrations of NO_2, RSP, FSP and SO_2 in Grid (21,44) has been adopted for the purpose of this assessment and summarized in **Table 3.4**.

Table 3.4 EPD Air Quality Monitoring Data in Tuen Mun AQMS (Year 2020 to 2024) and Latest Version of PATH v3.0 (Grid 21,44) (Year 2030)

Pollutant	Averaging time	Parameter	AQO [1] (μg/m³)	Concentration [2] (μg/m³)					
				2020	2021	2022	2023	2024	PATH v3.0 in Year 2030 (21,44)
RSP (PM_{10})	24-hour	10th highest	75	**84**	**87**	65	**76**	**76**	51
	Annual	Maximum	30	**34**	**36**	**32**	**34**	**34**	20
FSP ($PM_{2.5}$)	24-hour	19th highest	37.5	**41**	**42**	**39**	**38**	**43**	31
	Annual	Maximum	15	**20**	**19**	**18**	**19**	**20**	12
NO_2	1-hour	19th highest	200	166	172	128	160	144	79
	24-hour	10th highest	120	80	92	71	85	75	33
	Annual	Maximum	40	40	**44**	39	40	40	18
SO_2	10-minute	4th highest	500	98	22	29	23	18	26
	24-hour	4th highest	40	10	9	11	7	9	7
O_3	8-hour	10th highest	160	**166**	**161**	**195**	155	**173**	**184**
	Peak Season	Maximum	100	88	82	91	84	92	**118**
CO	1-hour	Maximum	30000	1650	1720	1480	1370	1470	532
	8-hour	Maximum	10000	1513	1450	1345	1143	1424	486
	24-hour	Maximum	4000	1105	1205	1090	973	1115	463

Notes:
[1] Air Quality Objectives enacted on 11 April 2025.
[2] Bolded and underlined values exceed the relevant AQO.

3.5 Identification of Air Sensitive Receivers during Operational Phase

3.5.1 Representative Air Sensitive Receivers (ASRs) of the Proposed Development are selected for the assessment of the air quality impacts arising from the surrounding air pollution sources during the operational phase. The locations of the representative ASRs during operational phase are shown in **Figure 3.1** and summarized in **Table 3-5**.

Table 3-5 Representative ASRs for Operational Phase

ASR ID	Local Ground mPD	Flagpole Height, mAG	Assessment Height, mPD
A1 – A8	6.85	1.50 – 67.58	8.35 – 74.43

4. IDENTIFICATION OF AIR POLLUTION SOURCES

4.1 Construction Phase

Construction Fugitive Dust Impact

4.1.1 The major air quality impact of concern during the construction phase will be the potential fugitive dust emission and exhaust emission. The project would involve foundation works, minor earthworks (minor excavation and backfilling activities for utilities works), superstructure construction, etc. The major dust emission sources during the construction phase of the Proposed Development are expected to arise from construction activities such as:

- Foundation Works
- Minor earthworks (minor excavation and backfilling activities for utilities works);
- Wind effect on material stockpiling; and
- Vehicle movements over the construction site.

4.1.2 The Proposed Development has a Development Site area of about 2,200m^2. Since the Development Site area is small and no basement will be constructed (i.e. only minor excavation will be required for the construction of future utilities), limited excavated materials and the construction dust impact arisen from the construction activities will limited. Since no basement will be constructed for the Proposed Development, it is expected that the amount of excavated materials (mainly from foundation works and utilities works) generated would be limited. Therefore, with the implementation of the mitigation measures as discussed in **Sections 4.1.7** and **4.1.13**, the construction dust impact can be minimized and no adverse construction dust impact would be anticipated.

4.1.3 According to the information provided in the approved EIA report for Development at San Hing Road and Hong Po Road, Tuen Mun, the construction activities for San Hing Road Site would be from Year 2025 to 2031. Therefore, it is considered as concurrent. As Development at San Hing Road and Hong Po Road is a project under Environmental Impact Assessment Ordinance, mitigation measures should be well-implemented and environmental monitoring and audit would be conducted. Besides, there is an Approved EA report for the Approved Rezoning Application (Application No.: Y/TM-LTYY/11) located at the northwest of the Proposed Development. The site will be developed as a residential development and tentatively to be completed by 2030. It is possible that there are concurrent construction activities of the Proposed Development, the proposed residential development of the Approved Rezoning Application. In all circumstances, it is believed that best management practice will be implemented for all concurrent projects. Further, it is recommended that the contractors of all the concurrent projects in the vicinity should have close liaison to avoid any dusty activities to be taken place at the same time or at locations nearby to minimise the cumulative dust impact. Locations of concurrent projects are shown in **Figure 4.2.**

Construction Gaseous Emission Impact

4.1.4 Given the small size of the Development Site and the vacant land present and no basement will be constructed (i.e. the amount of excavated materials would be limited), the generation of C&D materials would be limited. Therefore, it is estimated that a maximum number of 1-2 dump trucks per hour will be required. As such, the air quality impact arisen from the gaseous emissions of dump trucks would not be considered as significant. The Development Site is located at urban area. It is not practical to plan a travelling route which will be away from ASRs. However, as the Project is a general redevelopment project only (i.e. the scale of the Project is much

smaller than an infrastructure project), the number of dump trucks generated should be low and should not induce significant impact on the ASRs.

4.1.5 There will be potential impacts from the criteria pollutants (e.g. nitrogen oxides (NOx), sulphur dioxide (SO_2), and carbon monoxide (CO)) from exhaust emission. Emission from diesel trucks for the haulage of materials and construction plants will contain high percentage of smoke particulate and unburned hydrocarbons in comparison with petrol driven vehicles. Ultra-low sulphur diesel (ULSD) with sulphur content not exceeding 0.001% by weight will be used as fuel to minimize SO_2 emission. In all circumstances, the contractor will be required to observe all relevant regulations and maintain all equipment in good condition to avoid any excessive emission. Under the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation, only approved or exempted non-road mobile machineries (including mobile generator, air compressor, excavator, crawler crane, bulldozer and etc.) with a proper label are allowed to be used in the construction site. With reference to other similar scale projects, the number of on-site diesel/petroleum fuelled machinery (~5 machineries) to be used for construction works is limited due to the small size of the work site. In addition, availability of electricity supply during construction of the project will be explored and such requirement will be specified in future contract. If available, contractor should maximise use of electricity and with least reliance of diesel fuelled equipment (e.g. for electricity powered stationary equipment such as pump instead of using generator).

Representative Air Sensitive Receivers

4.1.6 As shown in **Figure 4.1**, the identified representative Air Sensitive Receivers (ASRs) are Lam Tei Vegetable Depot (CA01, ~20m from Development Site boundary), Opulent Villa (CA02, ~50m from Development Site boundary), Hanlin Court (CA03, ~75m from Development Site boundary), 356 San Hing Tsuen (CA04, ~135m from Development Site boundary), Lingrade Garden (CA05, ~160m from Development Site boundary) and village house at Ng Lau Road (CA06, ~55m from Development Site boundary).

Mitigation Measures for Fugitive Dust Emission

4.1.7 Fugitive dust emission arising from construction activities can be effectively suppressed by incorporating proper mitigation measures into work procedures through contractual clauses, good site management, and close monitoring by the resident engineers. The contractor shall be required to follow the requirements of the Air Pollution Control (Construction Dust) Regulations. With the adoption of good practices, it is expected that emission of construction dust can be kept at an acceptable level. The recommended dust mitigation measures are described below. In addition, EPD's recommended pollution control clause for construction contracts will be incorporated and required in future tender document to ensure that all relevant environmental protection and pollution control ordinances are observed and complied with. Moreover, an EM&A program shall be implemented to monitor the dust impact arising from the construction activities associated with the Proposed Development during construction phase.

General Site Management

4.1.8 Appropriate working methods should be devised and arranged to minimise dust emissions and to ensure any installed control system and/or measures are operated and/or implemented in accordance with their design merits. No free falling of construction debris should be allowed, which should be let down by hoist or enclosed tunnel to the ground.

4.1.9 Frequent mist/ water spraying should be applied on dusty areas. The frequency of spraying will depend upon local conditions such as rainfall, temperature, wind speed

and humidity. The amount of water spraying should be just enough to dampen the material without over-watering which could result in surface water runoff.

4.1.10 Hoarding of not less than 2.4m high from ground level along site boundary, which is next to a road or other public area should be provided.

Vehicles and Unpaved Site Roads

4.1.11 Dust emission from unpaved roads comes predominantly from travelling of vehicles. Areas within the site where there are regular vehicle movements should have an approved hard surface. Speed controls at an upper limit of 10km/hr should be imposed and their movements should be confined to designed roadways within the site. All dusty vehicle loads should have side and tail boards covered by tarpaulin extending at least 300mm over the edges of the side and tail boards. Wheel-wash troughs and hoses should be provided at exit points of the site.

Material Stockpiling and Handling

4.1.12 The amount of stockpiling should be minimised where possible. Construction material or debris should be covered and stored inside enclosed areas. Other control measures such as enclosed or semi-enclosed windboard should be used, where applicable, to minimise dust emission. Regular watering is needed at areas such as storage piles, where there could be potential dust emission. Placing dusty material storage piles near ASRs should be prevented.

4.1.13 The dust control measures detailed below shall also be incorporated into the Contract Specification where practicable as an integral part of good construction practices:

- All demolished items (including vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles shall be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition;
- Where a site boundary adjoins a road, streets or other accesses to the public, hoarding of not less than 2.4 m high from ground level should be provided along the entire length except for a site entrance or exit;
- The working area of any excavation or earth moving operation shall be sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation so as to maintain the entire surface wet;
- Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;
- Use of frequent watering for particularly dusty construction areas and areas close to ASRs;
- Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines;
- Open stockpiles (if any) shall be avoided or covered. Prevent placing dusty material storage piles near ASRs;
- Any stockpile of dusty materials shall be either covered entirely by impervious sheeting; placed in an area sheltered on the top and the 3 sides; or sprayed with water or a dust suppression chemical so as to maintain the entire surface wet;
- Stockpiles of C&D materials should be kept covered by impervious sheets for the foreseeable inclement weather such as typhoon or heavy rain;

- Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;
- Establishment and use of vehicle wheel and body washing facilities at the exit points of the Site;
- Imposition of speed controls for vehicles on unpaved site roads, 8 km per hour is the recommended limit;
- Routing of vehicles and position of construction plant should be at the maximum possible distance from ASRs;
- Every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;
- Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high-level alarm which is interlocked with the material filling line and no overfilling is allowed;
- Cement, PFA or any other dusty materials collected by fabric filters or other air pollution control system or equipment shall be disposed of in totally enclosed containers;
- Silos used for the storage of cement or dry pulverized fuel ash shall not be overfilled;
- Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system;
- The electric power supply shall be provided for on-site machinery as far as practicable and diesel generators shall be avoided to minimize the gaseous and PM emissions;
- Locate all the dusty activities away from any nearby ASRs as far as practicable; and
- Erection of higher hoarding at the locations with ASRs in immediate proximity to the project site boundary.

4.2 Operational Phase

4.2.1 Potential air quality impacts during the operational phase would be associated with all relevant emission sources within the 500m Assessment Area, including vehicular emissions and industrial emissions.

4.2.2 Apart from vehicular emissions from the existing roads within the 500m Assessment Area, vehicular emissions from the portals of noise barriers, the existing public transport interchanges or the existing bus terminus within the 500m Assessment Area may contribute to the cumulative air quality impact on the representative ASRs for the operational phase. The assessment area of 500m from the Development Site boundary of the Proposed Development is shown in **Figure 4.3**.

4.2.3 Vehicular emission comprises mainly Nitrogen Oxides (NO_x), Respirable Suspended Particulates (RSP), Fine Suspended Particulates (FSP), while emissions from the identified industrial and marine sources comprise mainly NO_x, RSP, FSP and Sulphur Dioxide (SO_2). Nitric Oxide (NO) and Nitrogen Dioxide (NO_2) are the most important constituents of NO_x, and NO_2 is mainly formed from the oxidation of emitted NO.

Therefore, NO_2, RSP, FSP and SO_2 would be considered in the operational phase air quality impact assessment.

4.2.4 NO_x, RSP, FSP and SO_2 emission from chimneys and other industrial and marine emission sources within the 500m Assessment Area (if any), as well as those from major point sources within 4km Area (if any), might contribute to the cumulative air quality impact on the identified ASRs.

5. OPERATIONAL PHASE AIR QUALITY ASSESSMENT

5.1 Overview of Assessment Approach

5.1.1 Cumulative AQIA at the representative ASRs would be undertaken with reference to EPD's "*Guidelines on Assessing the 'TOTAL' Air Quality Impacts*", taking into account Tier 1, Tier 2 and Tier 3 emission source contributions:

- Tier 1 contributions – no emission from the Proposed Development is anticipated;
- Tier 2 contributions – other key emission sources within the study area (500m Assessment Area from the Development Site boundary of the Proposed Development) may have the potential to contribute to the cumulative air quality impact, including vehicular and industrial;
- Tier 3 contributions – represents background contributions which include other potential emission sources not captured by Tier 1 and Tier 2 contributions.

5.1.2 The Proposed Development is expected to commence operation in 2030 upon the in-situ conversion, and the predicted hourly background concentrations of NO_2, RSP, FSP, SO_2 and O_3 in 2030 in the relevant PATH grids obtained from the PATH model v3.0 would be adopted as the background contributions.

5.2 Vehicular Emissions from the Open Roads

5.2.1 Vehicular emissions from open roads within the 500m Assessment Area would be considered in the assessment. The traffic forecast data including the 24-hour traffic flows and vehicle compositions provided by the Project Traffic Consultant, MVA Hong-Kong Limited, would be adopted in the assessment. Confirmation of the adopted traffic forecast data is being sought from Transport Department (TD) and will be provided when it is available.

5.2.2 All existing roads within the 500m Assessment Area would be identified and included for the vehicular emissions. The assessment year for air pollution impacts shall be calculated based on the highest emission strength within the next 15 years upon commencement of operation of the proposed residential use. Traffic forecast for the identified roads for 3 design years, including 2031 (i.e. commencement of operation), 2038 (i.e. seven years after commencement), and 2046 (i.e. fifteen years after commencement) would be produced. The traffic forecast data for each design year to be provided include a breakdown of hourly traffic flows for 18 vehicle types (as per the EMFAC-HK model v4.3) and the hourly traffic speed for 24 hours for each of the identified roads. The traffic forecast projection has been submitted to TD for endorsement by the Project Traffic Consultant.

5.3 Vehicular Emissions from Bus Terminus/ Public Transport Interchange

5.3.1 One Bus Terminus (BT) and two Public Transport Interchanges (PTIs) are found within 500m Assessment Area from the Development Site boundary, including Siu Hong Court Bus Terminus, Fu Tai Estate Public Transport Interchange and Siu Hong Estate (North) Public Transport Interchange, as shown in **Figure 5.1**. Those vehicular emissions would have the potential to cause air quality impacts to the Proposed Development during the operational phase. NO_2, RSP and FSP impacts due to vehicular emissions from the above-mentioned BT and PTIs (including starting, idling and running emissions from Public Light Buses (PLB), Double Deck Franchised Buses (FBDD) and Non-franchised Buses) were quantitatively assessed. The detailed assessment approaches for BT and PTIs, and the distribution of emissions are shown in **Section 5.6.13**.

5.3.2 Vehicle activity data for each relevant vehicle type (i.e. PLB, FBDD and NFB) associated with BT and PTIs was provided by the Project Traffic Consultant based on information from the bus company and information collected by traffic surveys during normal working days and covered 24 hours of each day of traffic surveys on 11 September and 12 September 2025, including:

- Number of starts and corresponding soak times for terminating vehicles for 24 hours within BT and PTIs;
- Number of non-terminating vehicles for 24 hours within BT and PTIs;
- Average travelling distance from ingress to stopping place within BT and PTIs;
- Average travelling distance from stopping place to egress within BT and PTIs;
- Average travelling speed within BT and PTIs; and
- Idling time for terminating and non-terminating vehicles within BT and PTIs.

5.3.3 The vehicle activity information used to calculate the starting, idling and running emissions (including NO, NO_2, RSP and FSP vehicular emissions) associated with BT and PLBT would be made to the *Calculation of Start Emissions in Air Quality Impact Assessment* published by EPD for the calculations of the starting, idling and running emissions. Starting and running emissions are based on emission factors predicted by the EMFAC-HK model (v4.3). Cold idling emissions are based on emission factors from Annex A of the *Calculation of Start Emissions in Air Quality Impact Assessment*, while warm idling emissions are based on emission factors from *Road Tunnels: Vehicle Emissions and Air Demand for Ventilation* published by World Road Association.

5.3.4 The starting emissions for diesel vehicles fitted with selective catalytic reduction (SCR) devices (i.e. PLB, FBDD and NFB) would be released over a total spread distance of 700m from where the vehicle start takes place. All running and idling emissions were released on the spot.

5.3.5 For emissions within BT and PTIs, starting emissions from terminating vehicles as well as idling and running emissions from terminating and non-terminating vehicles (if any) were considered and modelled. For emissions outside BT and PTIs, starting emissions from terminating vehicles associated with the remaining spread distance outside of the BT or PTI were considered and modelled. All the calculated starting emissions from terminating vehicles would be adjusted based on their corresponding idling emissions within BT and PTIs, with reference to the *Calculation of Start Emissions in Air Quality Impact Assessment*.

5.4 Industrial Emissions in the Vicinity of the Proposed Development

Sources within 500m Assessment Area from Development Site Boundary of Proposed Development

5.4.1 By referring to Previous Approved AQIA report, two chimneys were identified. One was for a restaurant and one was for a roast pig factory. On-site surveys were conducted on 31 Oct 2025 and 22 January 2026 to verify the presence of chimneys. According to the observations during on-site survey, the chimney of the restaurant was no longer existed. Therefore, only the chimney of the roast pig factory would be included for the air modelling. The assumptions and details of the chimney for assessment are discussed in **Section 5.6.6**.

Major Point Sources within 4km Area from Development Site Boundary of Proposed Development

5.4.2 The asphalt plant in Lam Tei Quarry has been identified as one of the major point sources within 4 km from the Development Site and its potential air quality impacts will be assessed using dispersion model. The details of model inputs and the detailed information of the emission rates for assessment are discussed in **Section 5.6.7**.

5.5 Marine Vessel Emissions in the Vicinity of the Proposed Development

Sources within 500m Assessment Area from Development Site Boundary of Proposed Development

5.5.1 As mentioned in **Section 4.2.1**, no marine emission source was identified within the assessment area.

5.6 Air Dispersion Model, Meteorological Data and Modelling Assumptions

Latest Version of PATH

5.6.1 Hourly meteorology data for a full year is extracted from PATH v3.0 provided by EPD (meteorological data year 2019, Grids (20,44), (21,44), (20,43) and (21,43)). Hourly mixing heights lower than 119m or higher than 2009m were corrected to 119m or 2009m respectively to align with the real meteorological data recorded by the Hong Kong Observatory (HKO) in 2019. Hourly wind speeds lower than 0.5m/s (i.e. calm wind condition) are corrected to 0.5m/s.

5.6.2 The hourly background concentrations of NO_2, RSP, FSP and SO_2 in Year 2030 are extracted from PATH v3.0 provided by EPD (Grid (21,44)) to predict the total air quality concentrations at ASRs.

Air Dispersion Model

5.6.3 The dispersion of NO_2, RSP, FSP and SO_2 were modelled using AERMOD software released by Lakes Environmental Software. The model is based on the principle of Gaussian dispersion and is widely accepted by EPD. It is used in this assessment to predict both concentration and deposition of pollutants from point and area sources.

Land Use Implications on Albedo Value, Bowen Ratio and Surface Roughness

5.6.4 Landuse types surrounding the Development Site, the albedo, Bowen ratio for the 10km x 10 km area, surface roughness for the 1km area, and the Surface File and Profile File to be used as input in AERMOD are downloaded and extracted from the AERMET tool in the SAMP v2.1. The relevant information is provided in **Appendix 5.1**.

Source Description and Emission Inventory

5.6.5 Emissions from chimneys, marine vessels, portals, open roads, BT and PTI were assessed. **Table 5-1** shows a summary of the sources and the associated air pollutants of concern.

Table 5-1 Summary of Emission Sources

Sources		SO_2	NO_x	RSP	FSP
(i)	Chimney	✓	✓	✓	✓
(ii)	Portals	X	✓	✓	✓
(iii)	Open Roads	X	✓	✓	✓
(iv)	BT and PTI	X	✓	✓	✓

(i) Chimney Emissions

Sources within 500m Assessment Area from Development Site Boundary of Proposed Development

5.6.6 Based on the Previous Approved AQIA report and onsite surveys conducted on 31 October 2025 and 22 January 2026 as mentioned in **Section 5.4.1**, 1 chimney was identified at the roast pig factory. The location of the chimney is shown in **Figure 5.2**. By making reference to Appendix 4.16 of the approved EIA report for Development at San Hing Road and Hong Po Road, Tuen Mun, the details of model inputs and the detailed information of the emission rates of the chimney are adopted shown in **Appendix 5.2**. There are no further updates to the chimney of the roast pig factory so the data of the approved EIA report remain valid for this study. Moreover, according to the observations during the onsite surveys, no potential odour impact from nearby industrial activities were observed during onsite surveys.

Major Point Sources within 4km Area from Development Site Boundary of Proposed Development

5.6.7 As mentioned in **Section 5.4.2**, the industrial emissions of the asphalt plant in Lam Tei Quarry is identified as a major point source. The information of Approved EA report for the Approved Rezoning Application (Application No.: Y/TM-LTYY/11) and EPD's Smart Air Modelling Platform v2.1 (SAMP v2.1) have been referred. The details of model inputs and the detailed information of the emission rates of industrial sources are shown in **Appendix 5.3**.

(ii) Marine Vessels Emissions

Sources within 500m Assessment Area from the Development Site

5.6.8 As mentioned in **Section 4.2.1**, no marine emission source was identified within the assessment area.

(iii) Portal Emissions

5.6.9 Based on a desktop study, all portals within the 500m Assessment Area have been identified. Portals emissions from the noise enclosure at Tsing Lun Road would be identified as the portal emission sources. Location of the portals are shown in **Figure 5.3**.

5.6.10 According to the Permanent International Association of Road Congress Report (PIARC, 1991), the pollutants were assumed to eject from the portal as a portal jet such that 2/3 of the total emissions was dispersed within the first 50m of the portal and the other 1/3 of the total emission within the second 50m.

5.6.11 The 24-hour emission factor for the noise enclosure at Tsing Lun Road in Year 2029 has been adopted in compiling the emission inventory of portals. The calculation of emission factors for portals and the daily profile of lowest temperature and relative humidity data in each hour for each month available at SAMP v2.1 would be adopted in the assessment. The details of model inputs of the emission rates of the portals are shown in **Appendix 5.4**.

(iv) Open Roads Emissions

5.6.12 Air pollutant concentration at the Proposed Development due to the emission from the nearby road networks (vehicular tailpipe emissions) was assessed. The emission factor of each road within 500m Assessment Area from the Development Site Boundary of the Proposed Development was calculated with the latest EMFAC-HK issued by EPD.

(v) Emissions of Bus Terminus/ Public Transport Interchange

5.6.13 As mentioned in **Section 5.3.1**, BT and two PTIs were identified within 500m Assessment Area from the Development Site Boundary of the Proposed Development, as shown in **Figure 5.1**. Siu Hong Court Bus Terminus and Siu Hong Station (North) Public Transport Interchange are Open Area BT/PTI. The emission from the buses/ non-franchised buses/ PLBs within these BT and PTI would be released to the atmosphere directly.

5.6.14 Fu Tai Estate Public Transport Interchange is enclosed/semi-enclosed equipped with mechanical ventilation. The locations of the ventilation exhausts and openings/egress/ingress were identified during the site visits conducted on 31 October 2025. Based on the on-site observation for Fu Tai Estate PTI, those louvres for the exhaust of air to the outdoor are located at the western side of the PTI. Localized louvres for extracting the emissions from buses/ non-franchised buses/ PLBs are provided near the bays within the PTI. Therefore, emissions from buses/non-franchised buses/PLBs within PTI including their idling, starting and running emissions would be dissipated via mechanical ventilation and openings/egress/ingress. The emission information assumed and adopted would be based on the information collected by traffic surveys on 11 September and 12 September 2025 provided by Project Traffic Consultant. Due to the lack of information of the ventilation exhaust louvre, information of ventilation exhaust louvre (i.e. exit velocity and stack diameter) would be assumed by desktop review for the information available from the approved Section 16 Planning Application (No. A/K20/138) for West Kowloon Cultural District. The air pollutant concentration from the ventilation exhausts and openings/egress/ingress would be modelled with AERMOD.

5.6.15 Precise approach has been adopted to estimate the BT and PTI emission. The start emissions, running exhaust emission and idling emissions associated with the buses/ non-franchised buses/ PLBs at the BT and PTIs within the 500m Assessment Area (initial NO, initial NO_2, RSP and FSP) were calculated based on the starting emission and running exhaust emission factors predicted by EMFAC-HK model, cold idling emission factors from Calculation of Start Emissions in Air Quality Impact Assessment published by EPD, warm idling emission factors from Road Tunnels: Vehicle Emissions and Air Demand for Ventilation published by World Road Association and traffic data provided by the Project Traffic Consultant.

5.6.16 Calculations of emissions associated with the BT and PTIs were referenced to the Calculation of Start Emissions in Air Quality Impact Assessment published by EPD. Start emissions for diesel vehicles fitted with selective catalytic reduction (SCR) devices (i.e. PLB, FBDD and NFB) were adjusted based on the idling emission and would be released over a total spread distance of 700m from where the start takes place, while running exhaust and idling emissions would be released on the spot. The minimum quarterly temperatures ranging from 8°C – 21°C and minimum quarterly relatively humidity (RH) ranging from 16% – 40% are adopted in the calculation of BT and PTI emission. The locations of emission sources and the detailed calculation of the emissions are presented in **Appendix 5.5** and **Appendix 5.6**. The emissions along spreading distance will be modelled by AERMOD.

5.6.17 The assessment approaches for BT and PLBT are summarised as below.

Siu Hong Court Bus Terminus

- 100% emission from the BT was distributed based on the emission area of the BT.

Fu Tai Estate Public Transport Interchange

- Based on the onsite observation for PTI, the louvres for the exhaust of air to the outdoor are located at the western side of the PTI. No louvres for the exhaust of air and opening directly connected to the BT were observed at the southern side of the BT. As the louvres for the exhaust of air and the side opening at the western side of the BT would be closest to the ASRs of the Proposed Development, 100% emission from the BT was distributed through the ventilation exhaust louvre (i.e. eight point sources) at the western side of the BT, while another 100% emission from the BT was distributed through the side openings (i.e. three area sources) at the western side of the BT as a conservative assessment approach.

Siu Hong Station (North) Public Transport Interchange

- 100% emission from the PTI was distributed based on the emission area of the PTI.

(vi) Emissions of Heavy Good Vehicle (HGV) Parking

5.6.18 According to the Previous Approved AQIA Report, there is a public open carpark identified nearby (located about 90m from the west of the Development Site Boundary of the Proposed Development). The location of the public open carpark is shown in **Figure 5.4**. According to the observation of the onsite survey provided in the Previous Approved AQIA Report and verification from the onsite survey conducted on 22 January 2026, only 15 car parking spaces were available at the public open carpark. Few private vehicles and heavy good vehicles were parking at the public open carpark. As this parking site is located around 90m away from the Development Site Boundary of the Proposed Development, broad-brush approach for applying starting emission for all vehicle types on the roads in order to assessing the impact has been adopted. The details of starting emission included in this assessment are discussed in **Section 5.7.21**.

5.7 Methodology of EMFAC-HK Modelling

Objective

5.7.1 The aim of conducting EMFAC Model is to calculate project-specific vehicle emission factor for criteria air pollutants (e.g. NO, NO_2, FSP and RSP) arising from vehicular tailpipe emission on the road carriageways within 500m Assessment Area of the Development Site.

5.7.2 SAMP v2.1 is embedded with EMFAC-HK Model version 4.3, is used to generate the model input files for modelling the emission from open roads.

EMFAC-HK Model

5.7.3 The latest available EMFAC-HK Model version 4.3 dated 13 January 2021 (the EMFAC-HK Model) has been adopted.

Guideline and Document

5.7.4 Several guidelines and documents published by EPD, which are available from the following EPD EMFAC-HK website (the EPD website), are referred to for EMFAC-HK Model input:

- http://www.epd.gov.hk/epd/english/environmentinhk/air/guide_ref/emfac-hk.html (the EPD website)
- Guideline on Modelling Vehicle Emissions (Released in January 2021) (the EPD Guideline)

- 2018 Licensed Vehicle by Age and Technology Group Fractions (the EPD Document)

Traffic Data

5.7.5 Three sets of traffic data predicted by the Project Traffic Consultant, include hourly traffic flows with a composition of 18 vehicle classes according to "Guideline on Modelling Vehicle Emissions" as shown in **Table 5-2**. Traffic forecast of Year 2031, 2038 and 2046 based on the traffic count are included in **Appendix 5.7**, which shows the number of trips travelled and the hourly average speed (kph) of road carriageways respectively and are used in the assessment.

Table 5-2 EMFAC-HK Vehicle Classes

Vehicle Class Description	Fuel Type	Gross Vehicle Weight (tonnes)	Symbol 1 (in csv output file)	Symbol 2 (in bcd output file & traffic data)
Private Cars (PC)	ALL	ALL	PC	PC
Taxi	ALL	ALL	Taxi	Taxi
Light Goods Vehicles (<=2.5t)	ALL	<=2.5t	LGV<=2.5t	LGV3
Light Goods Vehicles (2.5-3.5t)	ALL	>2.5-3.5t	LGV2.5-3.5t	LGV4
Light Goods Vehicles (3.5-5.5t)	ALL	>3.5-5.5t	LGV>3.5t	LGV6
Medium & Heavy Goods Vehicles (5.5-15t)	ALL	>5.5-15t	HGV<=15t	HGV7
Medium & Heavy Goods Vehicles (15-24t)	ALL	>15-24t	HGV15-24t	HGV8
Public Light Buses	ALL	ALL	PLB	PLB
Private Light Buses (<=3.5t)	ALL	<=3.5t	PrLB<=3.5t	PV4
Private Light Buses (>3.5t)	ALL	>3.5t	PrLB>3.5t	PV5
Non-franchised Buses (<6.4t)	ALL	<=6.36t	NFB<=6.4t	NFB6
Non-franchised Buses (6.4-15t)	ALL	>6.36-15t	NFB6.4-15t	NFB7
Non-franchised Buses (15-24t)	ALL	>15-24t	NFB15-24t	NFB8
Single Deck Franchised Buses	ALL	ALL	FBSD	FBSD
Double Deck Franchised Buses	ALL	ALL	FBDD	FBDD
Motor Cycles	ALL	ALL	MC	MC
Heavy Goods Vehicles (>24t)	ALL	>24t	HGV>24t	HGV9
Non-franchised Buses (>24t)	ALL	>24t	NFB>24t	NFB9

5.7.6 The estimated 18-class distribution as defined in EMFAC-HK was derived by sectoring the relevant classes in the Transport Department's Annual Traffic Census record or vehicle distribution obtained from manual traffic count surveys, in proportion to the recorded distribution in EPD document: "2018 Vehicle Licensed Number by Age and Technology Group Fractions".

5.7.7 All concerned roadways shall be characterized with speed limits. Average speeds of 24 hours were prepared for each road.

5.7.8 The established road traffic data, including traffic flow, 24-hour vehicle mix and 24-hour average speed was provided by the Project Traffic Consultant. Confirmation from the Transport Department (TD) is being sought and the reply from TD for the traffic forecast will be provided when it is available. It should be noted that the traffic forecasts for the assessment have been produced strictly in accordance with the methodology of the traffic forecast.

EMFAC-HK Input Parameters

Geographical Area

5.7.9 "Hong Kong" is selected as the Geographical Area.

Calendar Year

5.7.10 In order to determine the highest emission scenario and the worst assessment year, EMFAC-HK model runs have been carried out with emission factors and the predicted traffic forecast for 2031 (i.e. completion year of the proposed development), 2038 (i.e. seven years after completion year), and 2046 (i.e. fifteen years after completion year).

Season or Month

5.7.11 Per the EPD's Guideline, "Annual" is selected in this study to evaluate the highest vehicle emission within the Model Year.

Mode and Output

5.7.12 EMFAC-HK Model is run in Emfac mode for calculating area fleet average emissions.

Temperature and Humidity

5.7.13 The information of temperature and relative humidity from PATH meteorological output in the corresponding grids was used in this assessment.

5.7.14 In accordance with a *Guideline of Use of Temperature and Relative Humidity Data for Vehicular Emission Factor Prediction* published by EPD in March 2021, the daily profile of lowest temperature and relative humidity data in each hour for each month available at SAMP v2.1 was applied for the calculation of emissions from open roads and portal for both short-term (i.e. hourly or daily average) and long-term (i.e. annual average) air quality impact. Since the 500m Assessment Area mainly covered 4 different grids (Grid (20, 44), Grid (21, 44) Grid (20,43) and Grid (21, 43)), the minimum quarterly temperatures and relative humidities among these covered PATH grids were applied for the calculation of emissions from BT/PTI for both short-term and long-term air quality impact.

Speeds

5.7.15 The average speed data provided by the Project Traffic Consultant for every hour of each road would be used for the subsequent calculation. As mentioned in **Section 5.7.8**, confirmation from TD is being sought and the reply from TD on the traffic forecast will be provided when it is available.

Exhaust / Evaporation Technology Fractions

5.7.16 Vehicle classes are grouped with different exhaust and evaporation technology group indexes and technology fractions. Each technology group represents a distinct emission control technology. Default exhaust and evaporation technology fractions are adopted in this assessment.

Population and Accrual Rate

5.7.17 Default vehicle populations forecast and accrual rate in EMFAC-HK Model is adopted.

Trips and VKT

5.7.18 Default trips and VKT for HK total are adopted. Detailed emission rates were generated with respect to the combination of temperature, RH and speed for running exhaust emission, and combination of temperature and duration of idling time for start emission.

Calculation of Vehicular Emission Factors by EMFAC-HK Model Output

Running Exhaust Emission Factor

5.7.19 Running exhaust fleet average emission factor (g/km) for NO_2, NO, RSP and FSP arising from all combinations of lowest hourly temperature and RH (see **Section 5.7.14**) with respect to each combination of speed and vehicle class have been adopted.

5.7.20 For each road, hourly composite running exhaust emission factor (NO_2/NO/RSP/FSP) will be determined by:

Hourly composite running exhaust emission factor (NO_2/NO/RSP/FSP) (g/veh-km)

= ∑ [hourly running exhaust fleet average emission factor for each vehicle class x % composition of corresponding vehicle class]

Starting Emission Factor

5.7.21 In general, no starting emission will be applied if the subject roads are with double yellow line and for the roads classified as District Distributor, Primary Distributor, Trunk Road and Expressway. However, as a conservative approach, starting emission has been applied to all vehicle classes on all roads within 500m Assessment Area. Therefore, all vehicle classes of the roads with on-street parking, metered parking spaces for Goods Vehicles and Buses/Coaches, no line or single yellow line and carparks within 500m Assessment Area considered with starting emission are all included in the calculation. As the information of the durations is not available, the maximum starting emission (g/trip) among different durations (from 5min to 720min) is adopted, which is considered as a more conservative approach.

5.7.22 The number of trip is dependent on the vehicle population. The default value of trip in the EMFAC-HK Model is the number of trips within HK given a defined vehicle population. Since there is no project-specific vehicle population data, it is proposed to estimate the number of trips within the 500m Assessment Area with respect to the project-specific vehicle-kilometer-travelled (VKT) given the assumption that the VKT is related to vehicle population.

5.7.23 It is assumed that there is starting emission on all of the roads within 500m Assessment Area. For the local and rural roads within the 500m Assessment Area , the number of trips is estimated by scaling the number of trips for vehicle class within the entire HK using the ratio of VKT for local and rural roads within the 500m Assessment Area to VKT for local and rural roads within the entire HK.

$$Trip\ for\ local\ and\ rural\ roads\ within\ the\ study\ area$$

$$= Trip\ for\ local\ and\ rural\ roads\ within\ HKSAR * \frac{VKT\ for\ local\ and\ rural\ roads\ within\ the\ study\ area}{VKT\ for\ local\ and\ rural\ roads\ within\ HKSAR}$$

Note: For particular vehicle class and particular hour

5.7.24 The same method was also adopted in the approved Liantang EIA (Register No.: AEIAR-161/2011).

5.7.25 In this assessment, the estimated VKT for local and rural roads with possible starting emission amounts to ~21.7384% of total VKT, which is calculated by raw data of 2024 provided by TD and the estimated % of VKT for local and rural roads is agreed with EPD. Trip per VKT for local and rural road for each class will be determined by:

Trip/VKT (1/veh-km) for each vehicle class

= HK total number of trips for each vehicle class ÷ (HK total VKT travelled for each vehicle class x % of daily vehicle-km for local and rural roads in Hong Kong).

5.7.26 Based on the hourly traffic flow from the Project Traffic Consultant, the hourly total starting emission (gram/km) for each vehicle class along each road will be determined by:

Hourly total starting emission (g/km) for each vehicle class = starting emission rate for each vehicle class x Trip/VKT for each vehicle class x traffic flow for each vehicle class along each road

5.7.27 The hourly total starting emission for each road is the sum of hourly total starting emission (gram/km) for each vehicle class along the same road. The hourly composite starting emission factor is calculated by dividing the value using the hourly traffic flow:

Hourly total starting emission (g/km) = Σ [hourly total starting emission for each vehicle class]

Hourly composite starting emission factor (g/veh-km) = hourly total starting emission ÷ hourly total traffic flow

Assessment Year

5.7.28 The air quality impact of the vehicular emissions are typically calculated based on the highest emission strength from the traffic forecast data within the first 15 years after the completion of the Proposed Development (i.e. between 2031 and 2046). Sensitivity tests have been conducted to determine the worst-case scenario given the combination of vehicular emission factors and the projected traffic flow for the following selected years within 15 years after the completion of the proposed in-situ conversion. The representative years are 2031 (i.e. completion year), 2038 (i.e. seven years after completion year) and 2046 (fifteen years after completion year). A zero emission vehicle scenario option is selected in SAMP v2.1 for calculating open road and portal emission. Details of sensitivity analysis of the emission inventories of the vehicular emission from open roads is shown in **Appendix 5.8** and **Appendix 5.9**. Based on the results, the greatest total emission for NO_x, RSP and FSP is in Year 2031, therefore, Year 2031 has been selected as the worst-case model year for the air quality.

5.8 Vehicular Emission Dispersion Modelling Approach

5.8.1 In line with EPD's "Guidelines on Choice of Models and Model Parameters", vehicular emission impacts arising from open roads will be modelled by AERMOD – a model that was developed by USEPA based on Gaussian dispersion.

Meteorological Data

5.8.2 Hourly meteorological data of Grids (20, 44), Grid (21, 44) Grid (20,43) and Grid (21, 43) for a full year is extracted from the PATH v3.0 released by EPD in January 2024. Hourly wind speeds lower than 0.5m/s (i.e. calm wind condition) are corrected to 0.5m/s. Hourly Pasquill stability classes are extracted from the PATH v3.0. Hourly mixing heights are capped between the minimum and maximum values measured at King's Park AWS (2019), i.e. 119m and 2009m.

Noise Barrier

5.8.3 Vertical and cantilevered noise barriers are found within 500m from the Development Site boundary of the Proposed Scheme. The noise barriers found within the assessment area are indicated in **Figure 5.7** and considered in the model assessment.

Road Elevation

5.8.4 The base elevation is the elevation of the ground surface underneath the road link in meter above Principal Datum (mPD). The height of the road surface above ground (in mAG) should be added to the base elevation to calculate the release height in mPD.

5.9 Post-processing of Modelling Results and Background Pollutant Contribution

5.9.1 Pollutant dispersion from vehicular emissions have been simulated using the AERMOD model. Dispersion results and background pollutant contributions have been combined and post-processed for the different averaging periods required for comparison with the relevant AQOs.

Ozone Limiting Method for Short-term Cumulative NO_2 Assessment

5.9.2 The conversion of NO_x to NO_2 is a result of a series of complex photochemical reactions and determines the prediction of near field impact of NO_x emissions. To determine vehicular emission impacts, the emission factors of NO_2 are extracted from the results of the EMFAC-HK Model version 4.3 and the emission factors of NO are calculated from the emission factors of NO_x and NO_2 for all motor vehicle types. For the marine emissions, initial NO_2 to NO_x ratio for cruises and other marine sources is assumed as 10% with reference to *Technical Support Document (TSD) for NO2-related AERMOD Modifications* issued by U.S. Environmental Protection Agency.

5.9.3 For NO_x in particular, an algorithm has been built-in to convert a portion of NO_x predicted at ASRs into NO_2 using the Ozone Limiting Method (OLM) when they mix with the ambient O_3. The OLM assumes a conversion process that is stoichiometrically limited by the ambient O_3 levels, and hence the latter can be used to predict the maximum convertible NO_2 from NO_x for superimposing onto the initial "out-of-tailpipe / in-stack" NO_2 levels as the base level. OLM has been applied for the sum of the vehicular, industrial and marine vessels emission sources to compare with the available ozone for conversion to NO_2.

$$[NO_2]_{Predicted} = [NO_2]_{initial} + Min([NO]_{Predicted}\ or\ \frac{46}{48}[O_3]_{PATH})$$

Jenkin Method for Long-term Cumulative NO_2 Assessment

5.9.4 For the long-term cumulative NO_2 assessment (i.e. predictions of annual average NO_2 concentration), Jenkin Method was adopted for the conversion of cumulative annual average NO_x to cumulative annual average NO_2. The details of Jenkin Method for this assessment extracted from the SAMP v2.1 are shown in **Appendix 5.10**.

Estimation of SO_2 Concentration

5.9.5 For the estimation of 10-minute average SO_2 concentration, EPD's "*Guidelines on the Estimation of 10-minute Average SO2 Concentration for Air Quality Assessment in Hong Kong*" was followed. The stability-dependent multiplicative factors for converting 1-hour average concentrations to 10-minute average concentrations are listed in **Table 5-3**.

Table 5-3 Conversion Factor from 1-Hour to 10-minute

Stability Category [1]	1-hour to 10-minute Conversion Factor
A	2.45
B	2.45
C	1.82
D	1.43
E	1.35
F	1.35

Notes:
[1] Stability Category are extracted from the PATH v3.0 released by EPD on 31st January 2024.

Background Pollutant Contribution

5.9.6 The latest Pollutants in the Atmosphere and their Transport over Hong Kong model (PATH v3.0) released by EPD is used to estimate the background air quality. Since year 2031 has been selected as the assessment year, PATH v3.0 for year 2030 of Grid (21,44) has been adopted as the background concentration.

5.10 Assessment Results

5.10.1 The predicted air quality concentrations from the surrounding vehicular and industrial emissions have been quantitatively assessed separately for NO_2, RSP, FSP and SO_2. The predicted results of NO_2, RSP, FSP and SO_2 at all identified ASRs are summarized in **Table 5-4** and **Appendix 5.11**. Contour plots at corresponding levels with the highest air quality impact for 1-hour average NO_2, 24-hour average NO_2 & annual average NO_2 at 1.50m above ground (i.e. G/F), 24-hour average RSP at 40.55m above ground (i.e. 11/F), annual average RSP & annual average FSP at 34.60m above ground (i.e. 9/F), 24-hour average FSP at 37.58m above ground (i.e. 10/F), 10-minute SO_2 at 67.58m above ground (i.e. R/F) and 24-hour average SO_2 at 19.73m above ground (i.e. 4/F) are shown in **Appendix 5.12**. Besides, for annual average NO_2, contour plot at 5.55m above ground (i.e. 1/F) is also shown in **Appendix 5.12**.

Table 5-4 Predicted Cumulative Concentrations of Pollutants at Representative Air Sensitive Receivers during Operational Phase

ASR	Predicted Cumulative Concentration (µg/m³)								
	NO_2			RSP		FSP		SO_2	
	19th Highest Hourly Average	10th Highest 24-hr Average	Annual Average	10th Highest 24-hr Average	Annual Average	19th Highest 24-hr Average	Annual Average	4th Highest 10-min Average	4th Highest 24-hr Average
	AQO = 200	AQO = 120	AQO = 40	AQO = 75	AQO = 30	AQO = 37.5	AQO = 15	AQO = 500	AQO = 40
A01	80-135	35-54	19.4-31.9	52	20-21	31	12-13	29-41	9
A02	80-167	35-79	19.4-46.0	52-53	20-22	31	13-14	29-42	9
A03	80-168	35-80	19.4-46.2	52-53	20-21	31-32	13-14	29-42	9
A04	80-167	34-79	19.4-45.6	52-53	20-21	31-32	13-14	29-41	9
A05	80-168	34-78	19.4-45.4	52-53	20-21	31-32	13	28-40	9
A06	80-149	34-61	19.4-36.2	52	20-21	31	13	28-39	9
A07	80-141	34-55	19.4-32.6	52	20-21	31	13	29-41	9
A08	80-139	34-55	19.4-32.2	52	20-21	31	12-13	29-41	9

NO_2

5.10.2 The predicted results of 19th highest 1-hour average NO_2, 10th highest 24-hour average and annual average NO_2 concentrations for all identified ASRs at selected levels are summarized in **Appendix 5.11**. The results indicate that NO_2 concentrations at all locations of the Proposed Development would comply with the relevant AQOs, except annual average NO_2 concentrations of ASRs A2 to A5 at 1.5m above ground (i.e. G/F). There would not be any air sensitive uses or fresh air intake of mechanical system located within the area with exceedances. The fresh air intake location of the entrance lobby and the shop will not be situated within the exceedance zones. In addition, a positive pressure ventilation system and door closure management will be considered and adopted in the later design stage to further minimize potential air quality impact. Therefore, the Proposed Development will not be subject to adverse air quality impact.

RSP

5.10.3 The predicted results of the 10th highest 24-hour average and annual average RSP concentrations for all identified ASRs are summarized in **Appendix 5.11**. The results indicate that RSP concentrations at all locations of the Proposed Development would comply with the relevant AQOs.

FSP

5.10.4 The predicted results of the 19th highest 24-hour average and annual average FSP concentrations for all identified ASRs are summarized in **Appendix 5.11**. The results indicate that FSP concentrations at all locations of the Proposed Development would comply with the relevant AQOs.

SO_2

5.10.5 The predicted results of the 4th highest 10-minute average and 4th highest 24-hour average SO_2 concentration at all identified ASRs are summarized in **Appendix 5.11**. The results indicate that SO_2 concentrations at all locations of Proposed Development would comply with the relevant AQOs.

5.11 Odour Impact

5.11.1 By referring to the Previous Approved AQIA Report, a potential odour source – the roast pig factory was identified. According to the observation of the onsite surveys conducted in the Previous Approved AQIA Report and records provided by EPD, it was concluded that adverse odour impact on the Proposed Development would not be anticipated. The relevant information is provided in **Appendix 5.13**. The location of the roast pig factory is shown in **Figure 5.5**. As the onsite surveys were conducted about three years ago, additional onsite surveys were conducted on 31 October 2025 and 22 January 2026 for the verification. According to the observation during the onsite survey, the condition of the roast pig factory was similar as before and no odour arisen from the roast pig factory was observed near the Development Site. Moreover, as the oily fume and cooking odour emissions from cooking processes are under the control of the Air Pollution Control Ordinance (APCO), it is necessary for the owner and operator of the roast pig factory to take appropriate measures to ensure that no visible cooking fumes nor objectionable odour would be emitted causing any forms of pollution. Therefore, it is anticipated that odour impact arisen from the roast pig factory can be avoided and minimized under the control of the APCO. Therefore, it is anticipated that no odour impact would be arisen from the roast pig factory on the Proposed Development. Moreover, according to the observations during the onsite surveys, no potential odour impact from nearby industrial activities were observed during onsite surveys. As the records were provided by EPD in end of 2022, a request has been submitted to EPD for seeking the most recent complaint records (covering the past five years) related to air quality and odour issues within the 500 m assessment area (please refer to **Appendix 5.14**). The reply from EPD will be provided when it is available.

5.11.2 In addition, as the Development Site is not served by public sewerage, it is required to propose a small sewage treatment plant (STP) for treating the sewage generated by the Proposed Development (which would be approximately 150.6 m^3/day as estimated in the Sewerage Impact Assessment report for the Proposed Development). Therefore, potential odour impact would be generated by the proposed STP. As shown in **Figure 5.6**, the nearest ASR would be Lam Tin Vegetable Depot, which would be located at the distance of ~35m from the exhaust outlet of the proposed STP. In order to mitigating the odour impact generated by the proposed STP, it is recommended the environmental consideration in the EPD's Guidelines for the Design of Small Sewage

Treatment Plants should be followed and to implement the following measures to contain and mitigate the potential odour impact:

- The proposed STP will be totally enclosed.
- Negative pressure ventilation will be provided within the enclosure to avoid any fugitive odorous emission from the proposed STP.
- Proper mixing will be provided at the equalization and sludge holding tanks to prevent sewage septicity.
- Chemical or biological deodorization units with at least 99.5% odour removal efficiency will be provided to treat the potential odorous emissions from the STP to minimize any potential odour impact to the nearby ASRs.
- The deodorization units should be regularly maintained to ensure at least 99.5% odour removal efficiency.
- The deodorization units should be designed such that the exhaust outlet will be directed away from the nearby ASR (i.e. Lam Tei Vegetable Depot) as shown in **Figure 5.6**.

5.11.3 With the implementation of the above recommended mitigation measures on the proposed STP, it is anticipated that no adverse odour impact would be generated by the proposed STP on the nearby ASRs.

6. CONCLUSION

6.1.1 Potential impacts of fugitive dust would be generated from construction works of the Proposed Development during construction phase. Given the limited scale of the project, with implementation of proper mitigation measures and good site management, it is anticipated there will not be any adverse air quality impacts during construction phase.

6.1.2 The predicted concentrations of assessment parameters (NO_2, RSP, FSP and SO_2) at all ASRs of Development Site are expected to be within the relevant AQOs, except annual average NO_2 concentrations of ASRs A2 to A5 at 1.5m above ground (i.e. G/F). No air sensitive uses, including openable windows, fresh air intake of mechanical ventilation and recreational uses in the open area, will be located within the AQO exceedance areas. Therefore, the Proposed Development will not be subject to adverse air quality impact.

6.1.3 No odour sources are identified within 200m from the Development Site. Also, as no adverse odour impact is anticipated, it is considered that odour impact assessment would not be required.

Figures

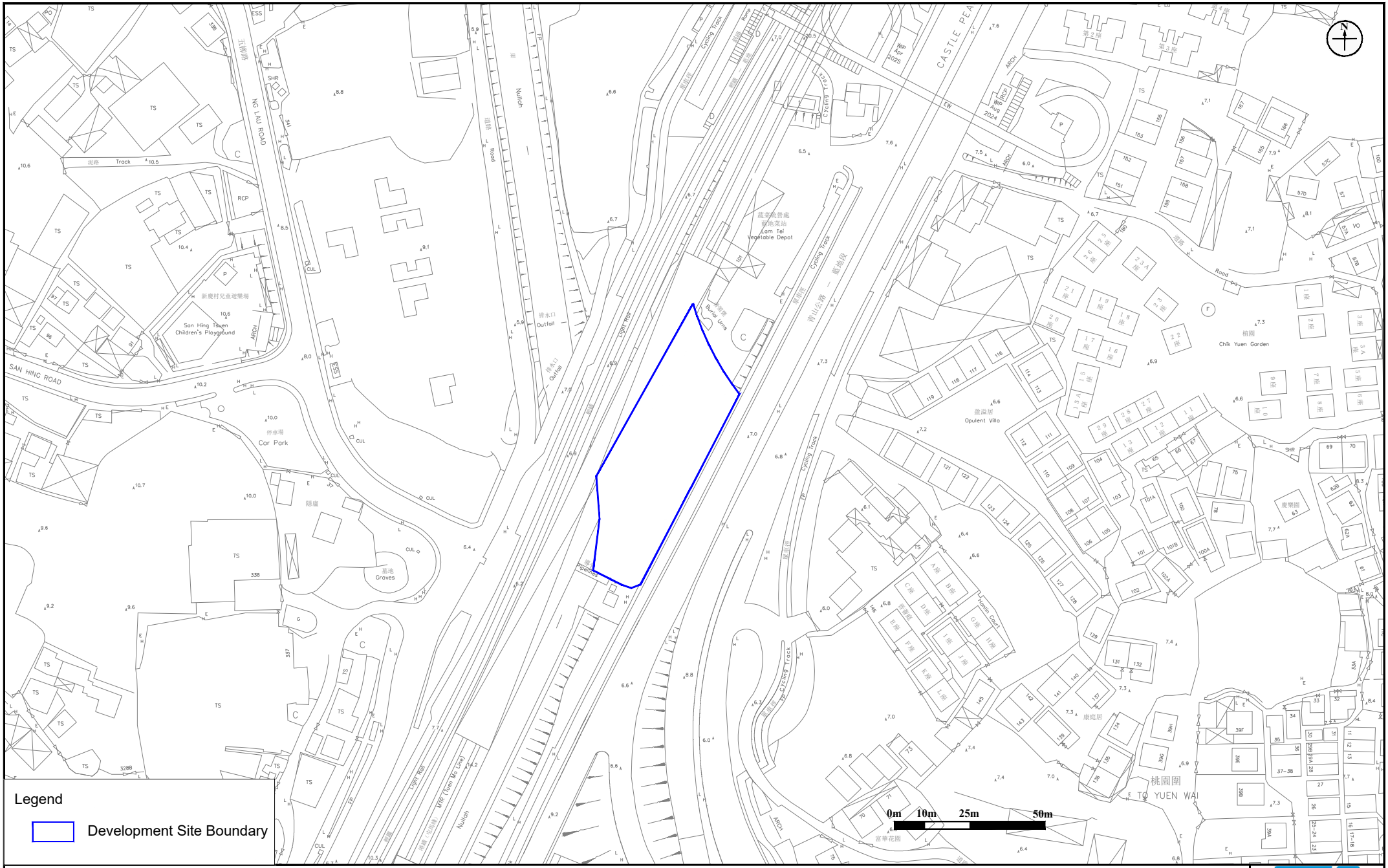

Figure: 2.1

Title: Application Site Location and Its Environs

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Checked by:	BF
Rev.:	1.1
Date:	Jan 2026

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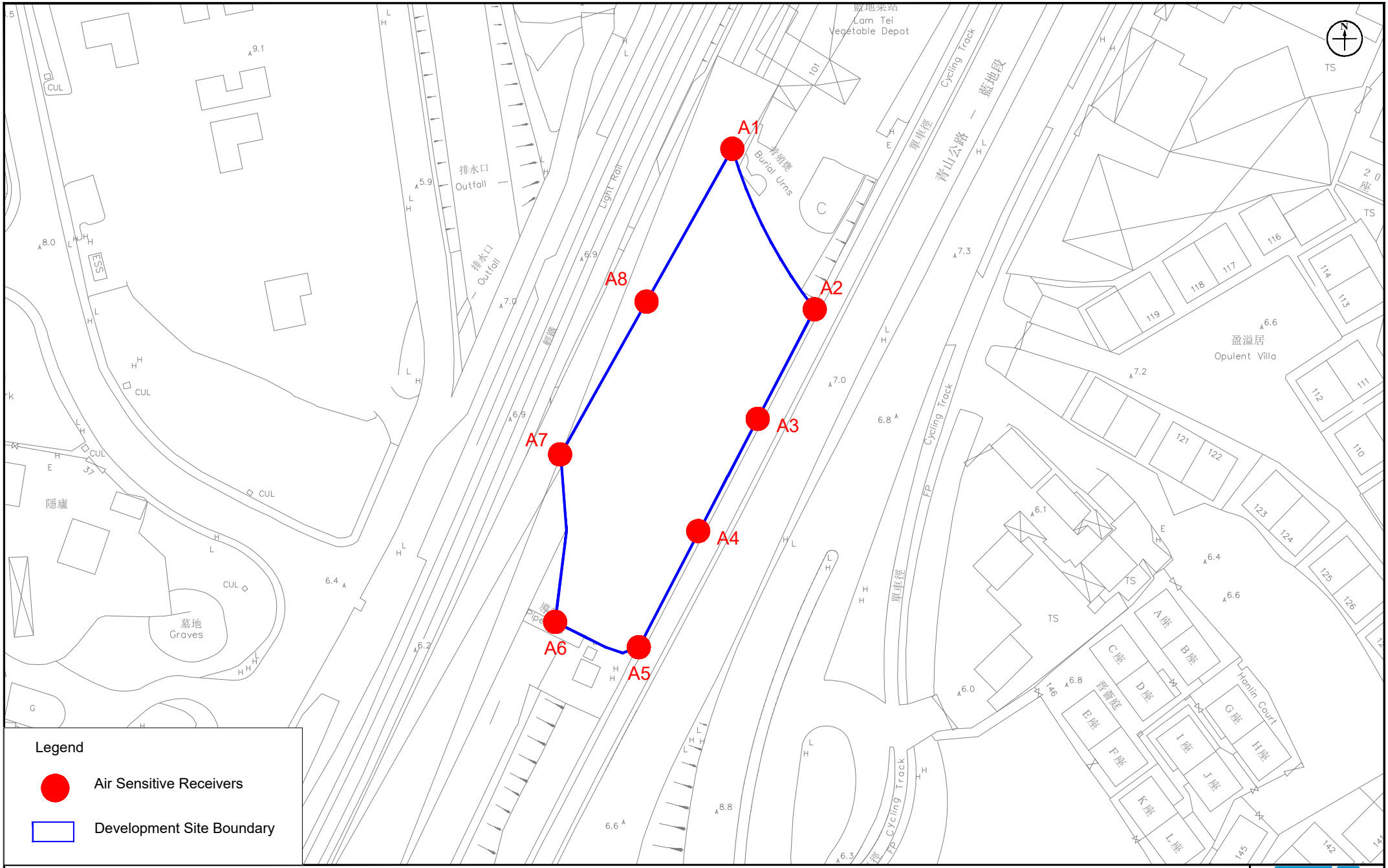

Figure: 3.1

Title: Location of Representative Air Sensitive Receivers during Operational Phase

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Rev.:	1.1
Date:	Jan 2026

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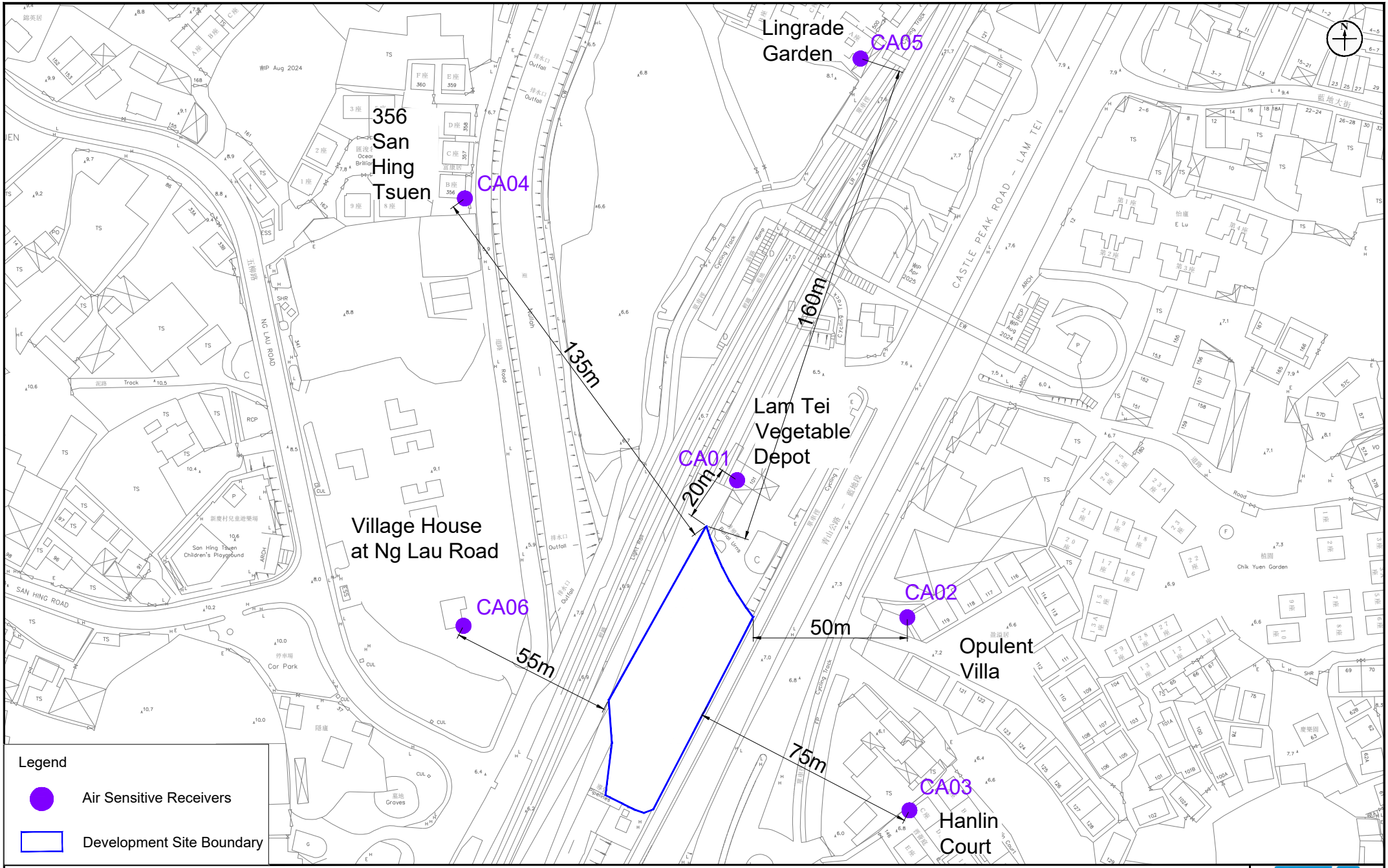

Figure: 4.1

Title: Location of Representative Air Sensitive Receivers for Construction Phase

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Rev.:	1.1
Date:	Jan 2026

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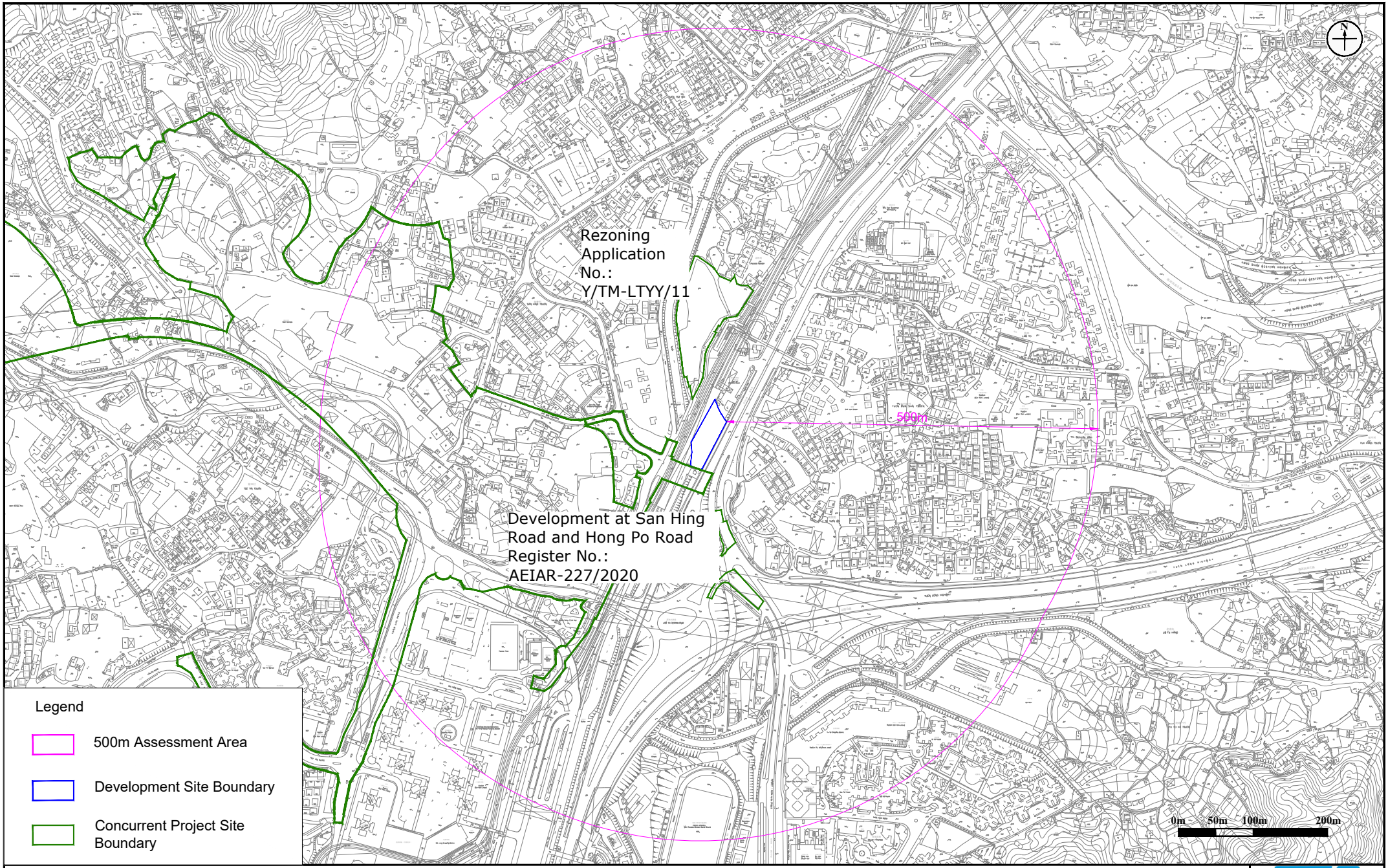

Figure: 4.2

Title: Locations of Concurrent Projects

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Rev.:	1.1
Date:	Feb 2026

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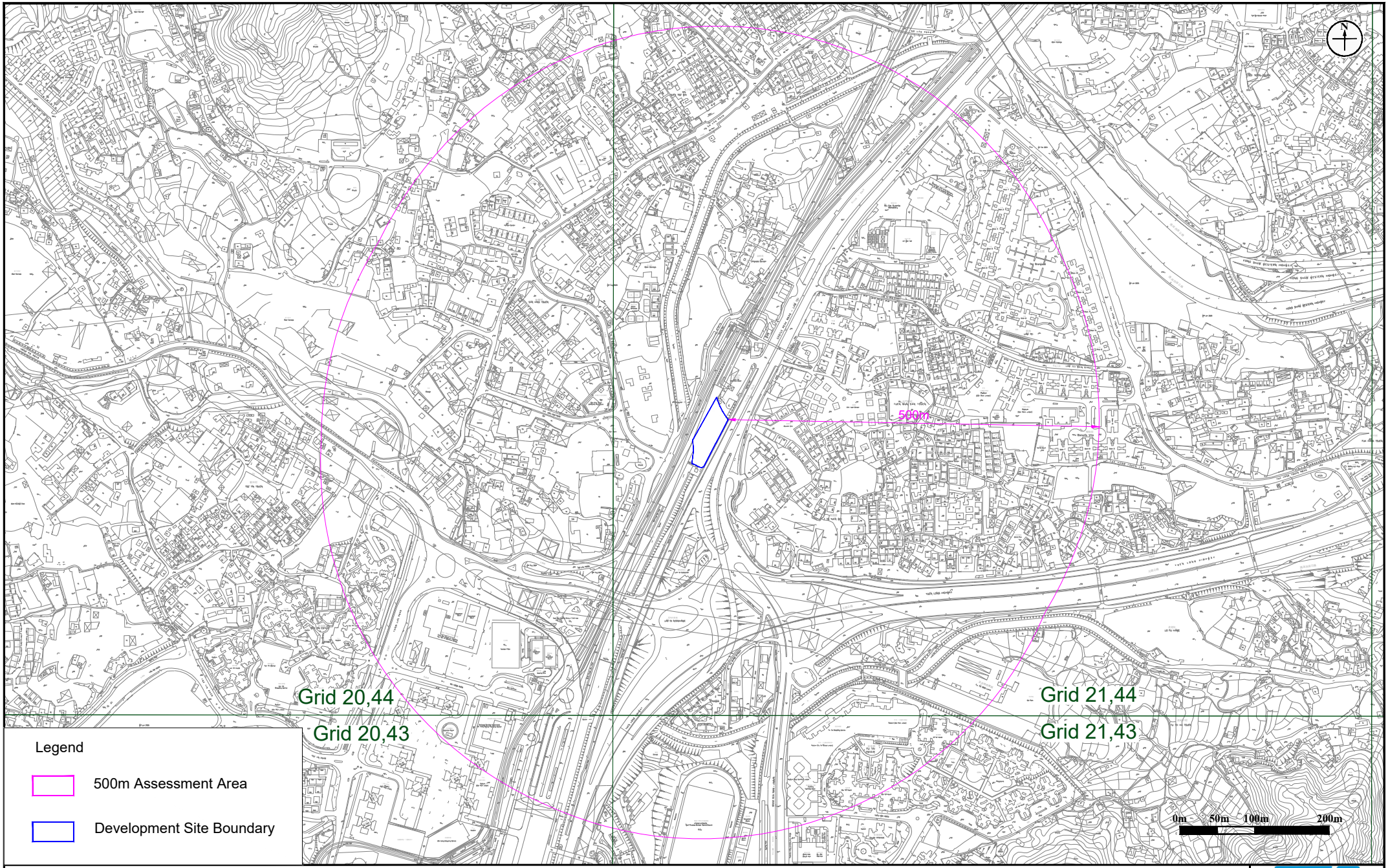

Figure: 4.3

Title: Assessment Area of 500m from the Application Site

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Rev.:	1.1
Date:	Feb 2026

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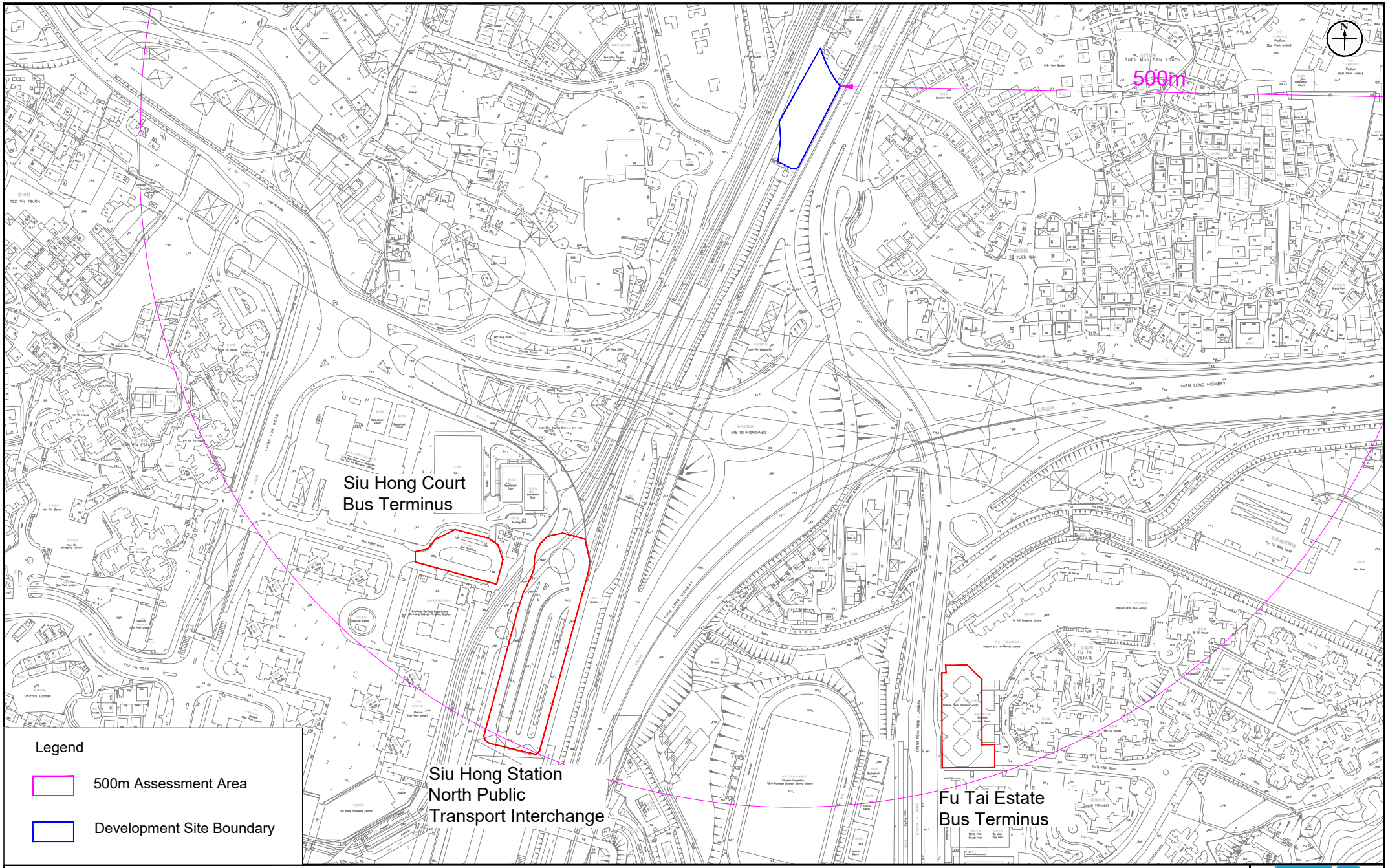

Figure: 5.1

Title: Location of Identified Bus Terminus/ Public Transport Interchanges

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Rev.:	1.1
Date:	Jan 2026

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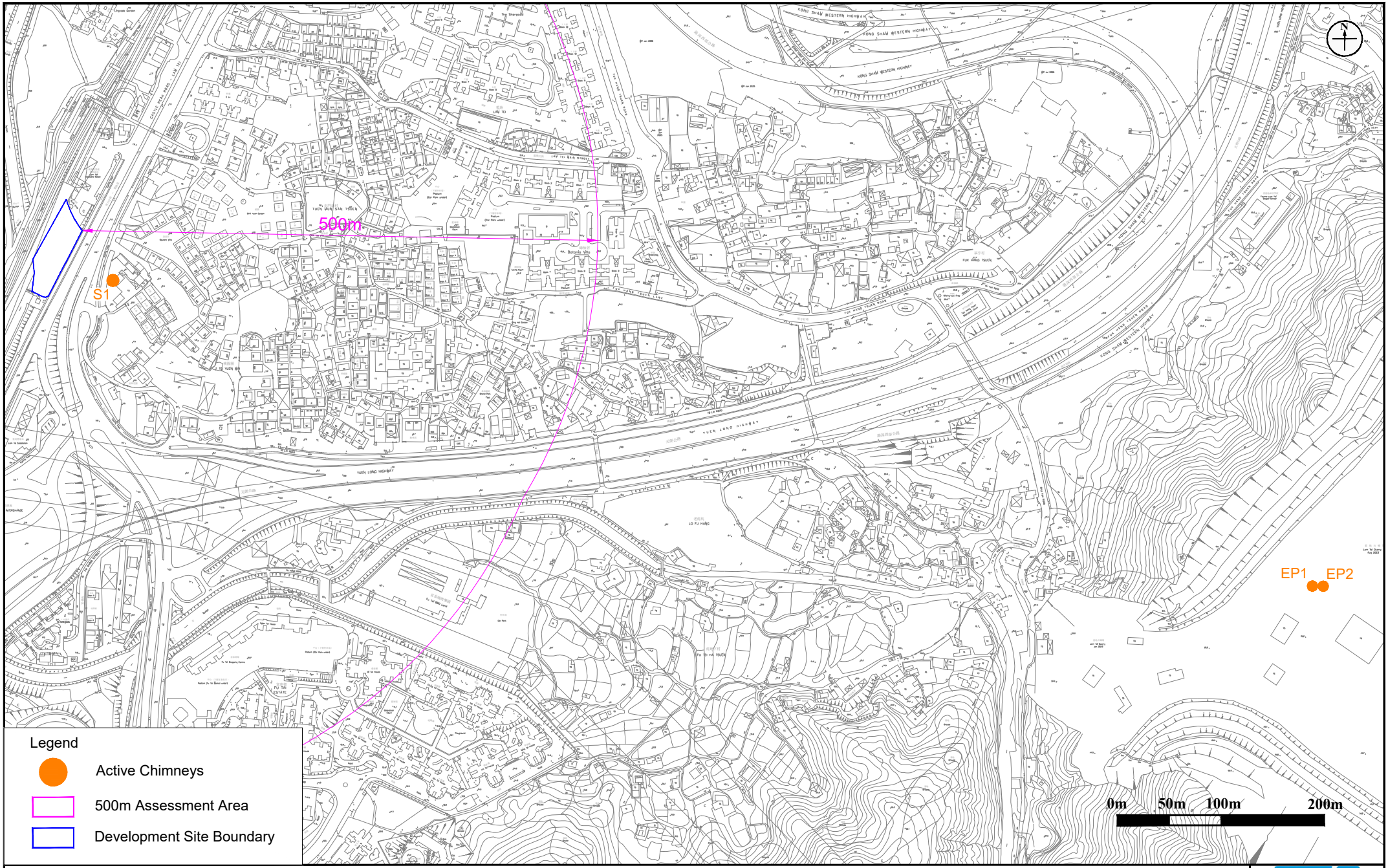

Figure: 5.2

Title: Location of Emission from Active Chimney

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Rev.:	1.1
Date:	Jan 2026

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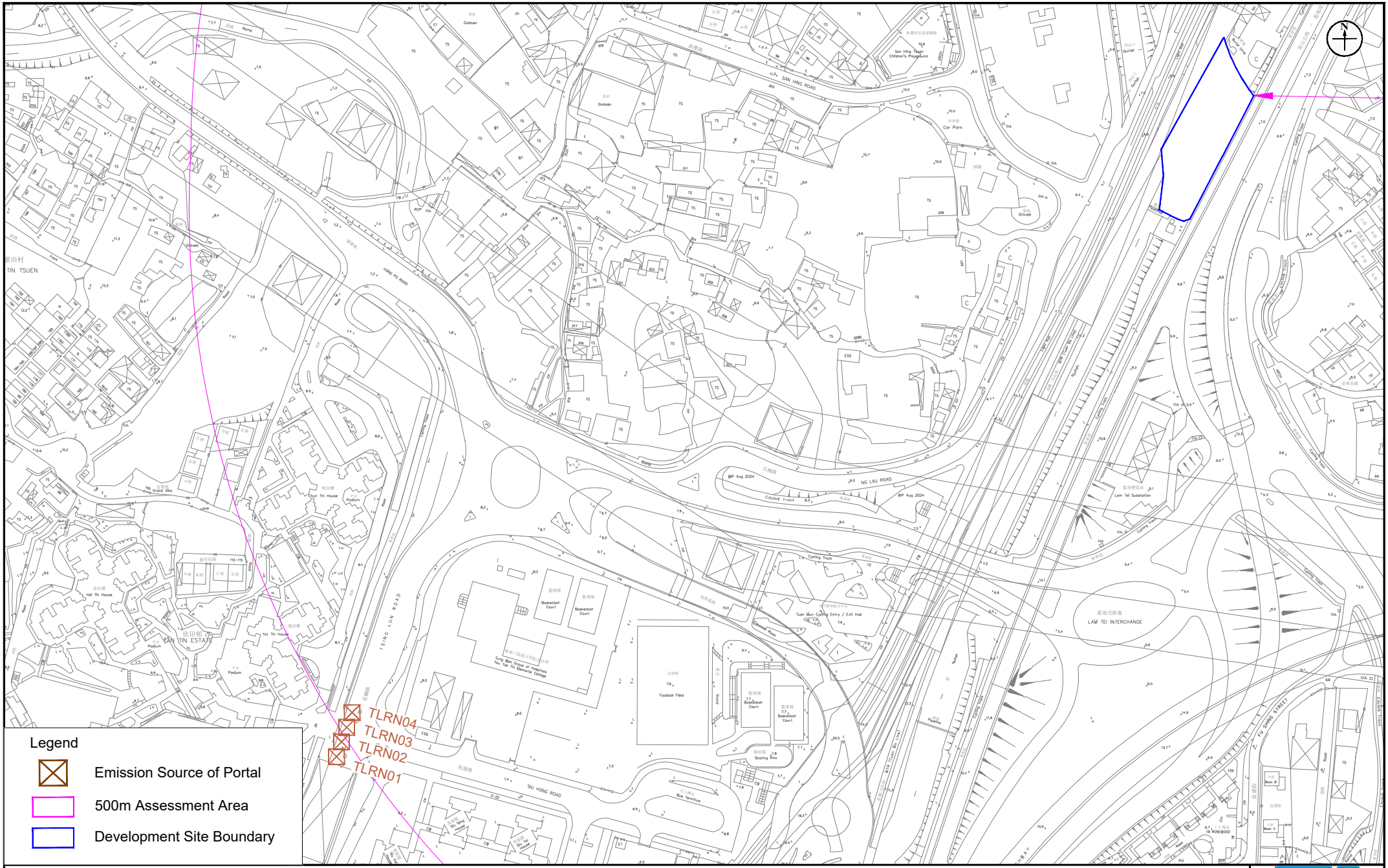

Figure:	5.3
Title:	Location of Emission Sources of Portals
Project:	S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Rev.:	1.1
Date:	Jan 2026

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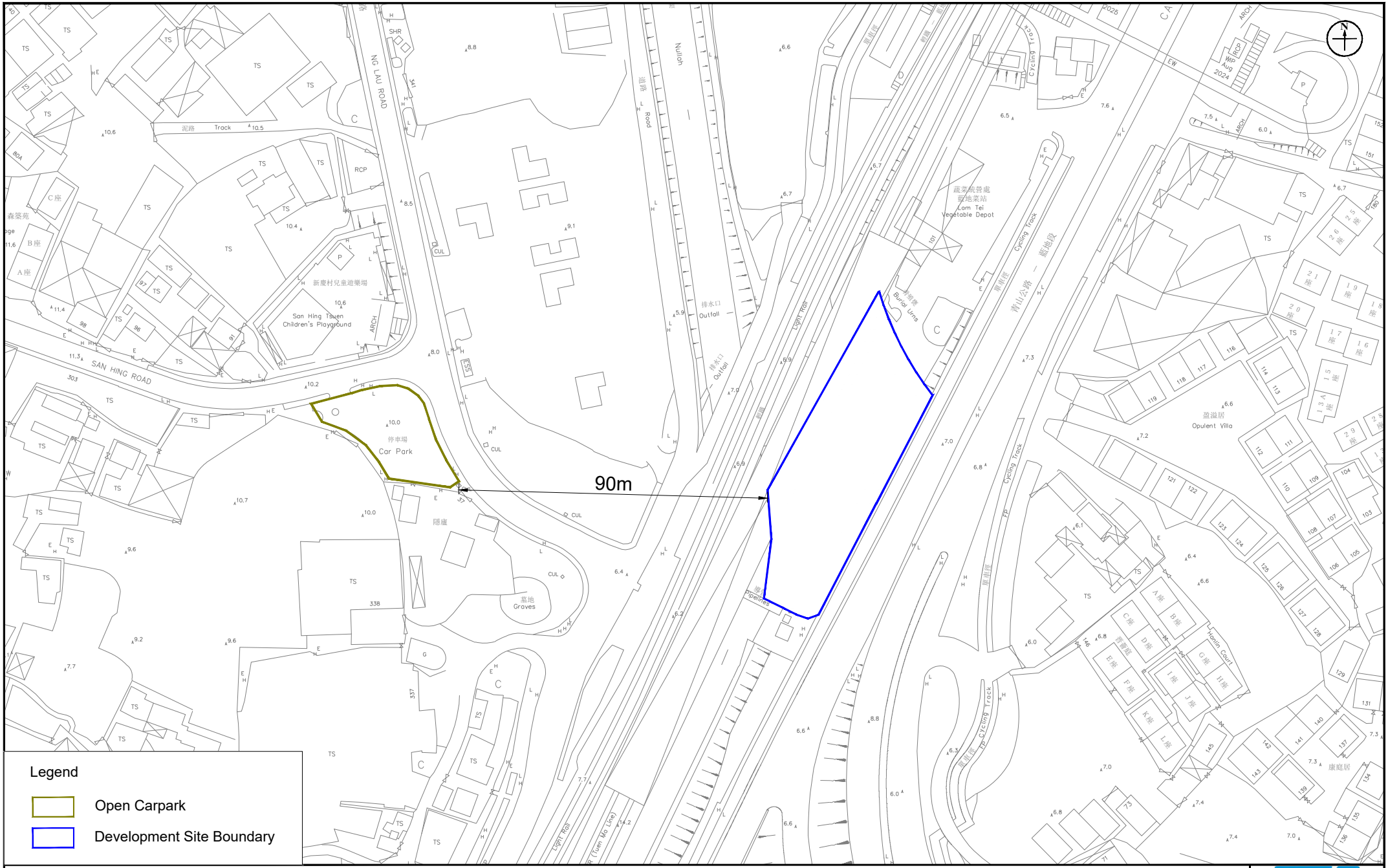

Figure: 5.4	RAMBOLL
Title: Location of Public Open Carpark with Heavy Goods Vehicles Parking	Drawn by: AW Checked by: CC
Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun	Rev.: 1.1 Date: Jan 2026

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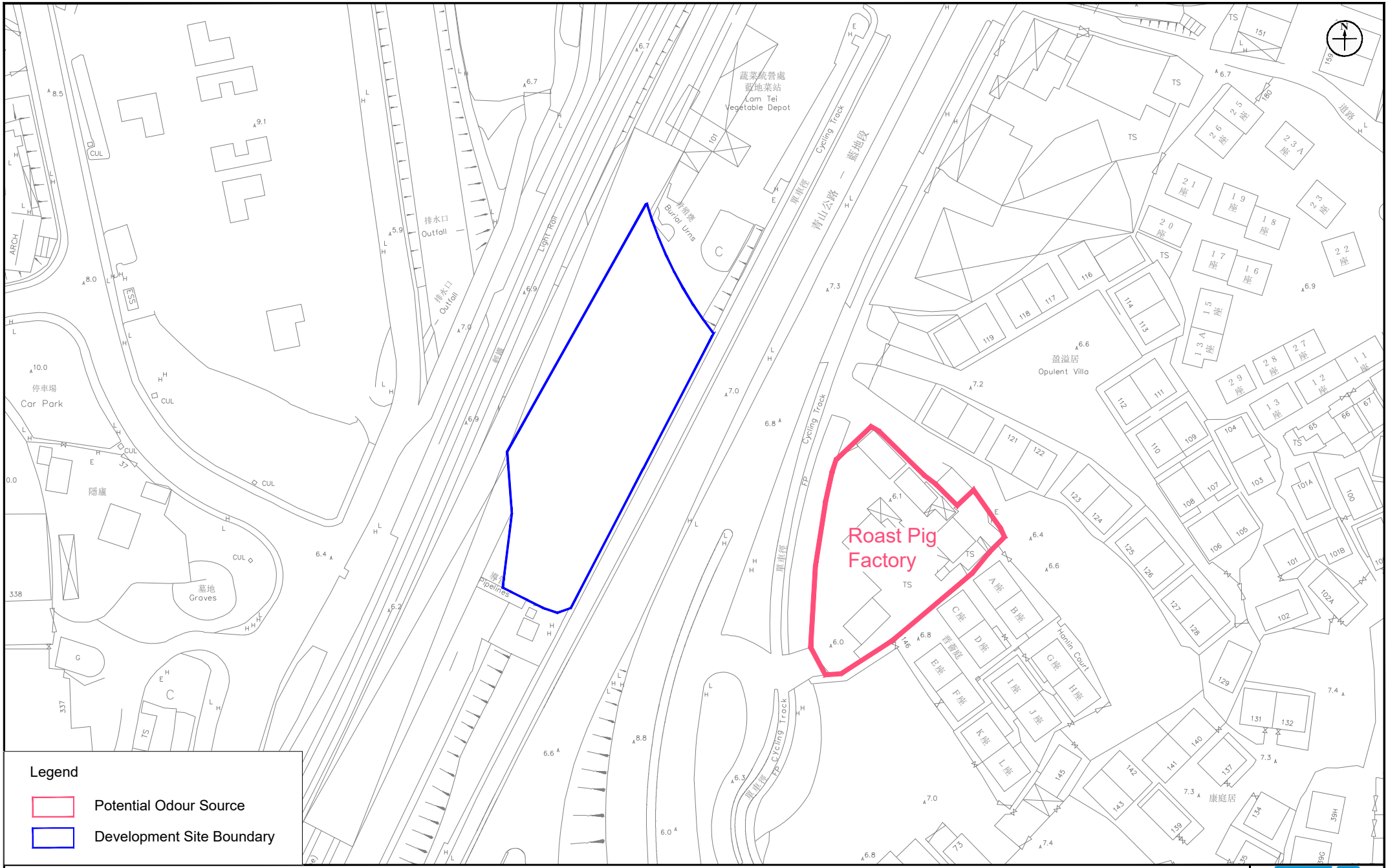

Figure: 5.5

Title: Location of Potential Odour Source

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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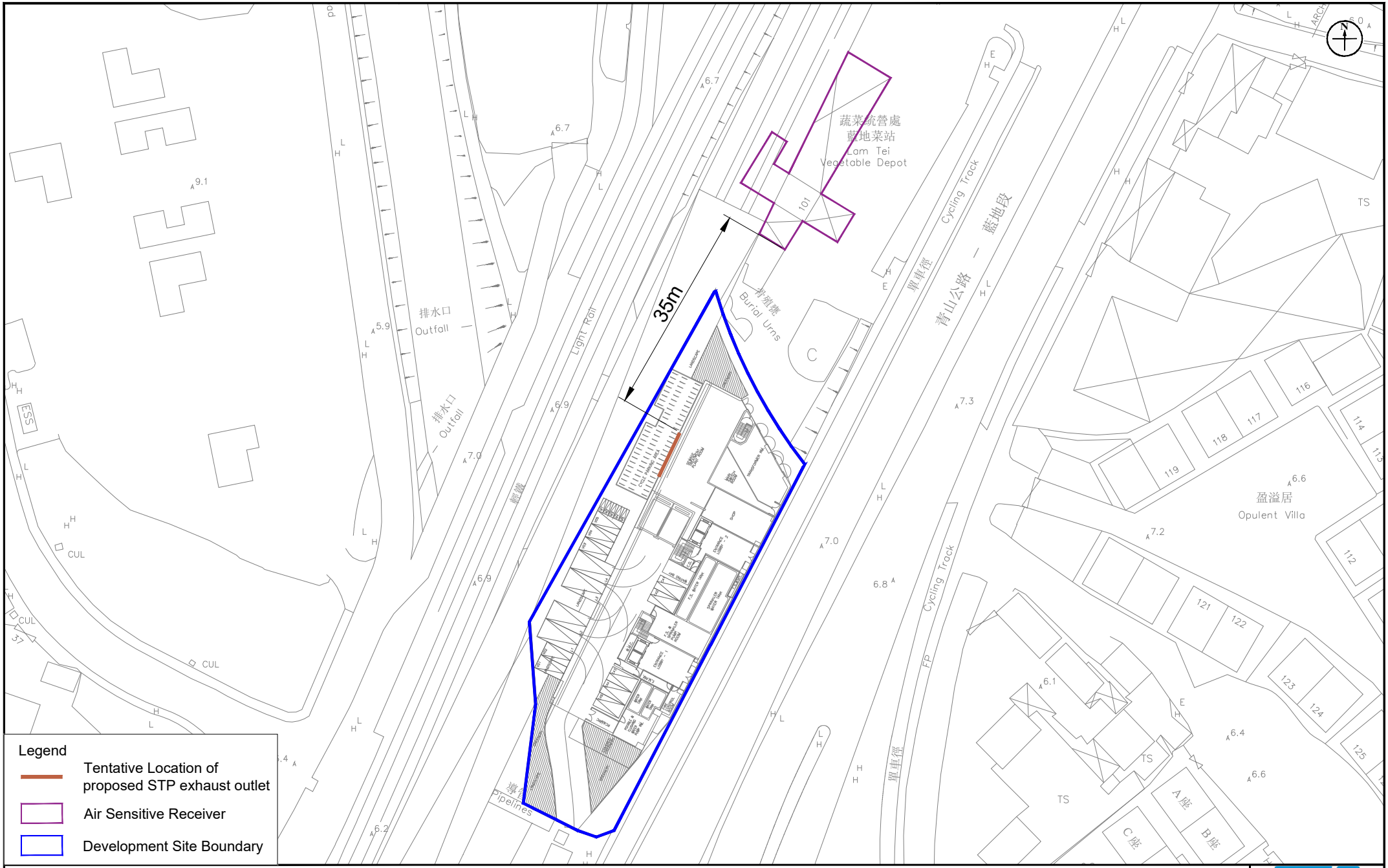

Figure: 5.6

Title: Tentative Location of Exhaust Outlet of Proposed Sewage Treatment Plant

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Rev.:	1.1
Date:	Feb 2026

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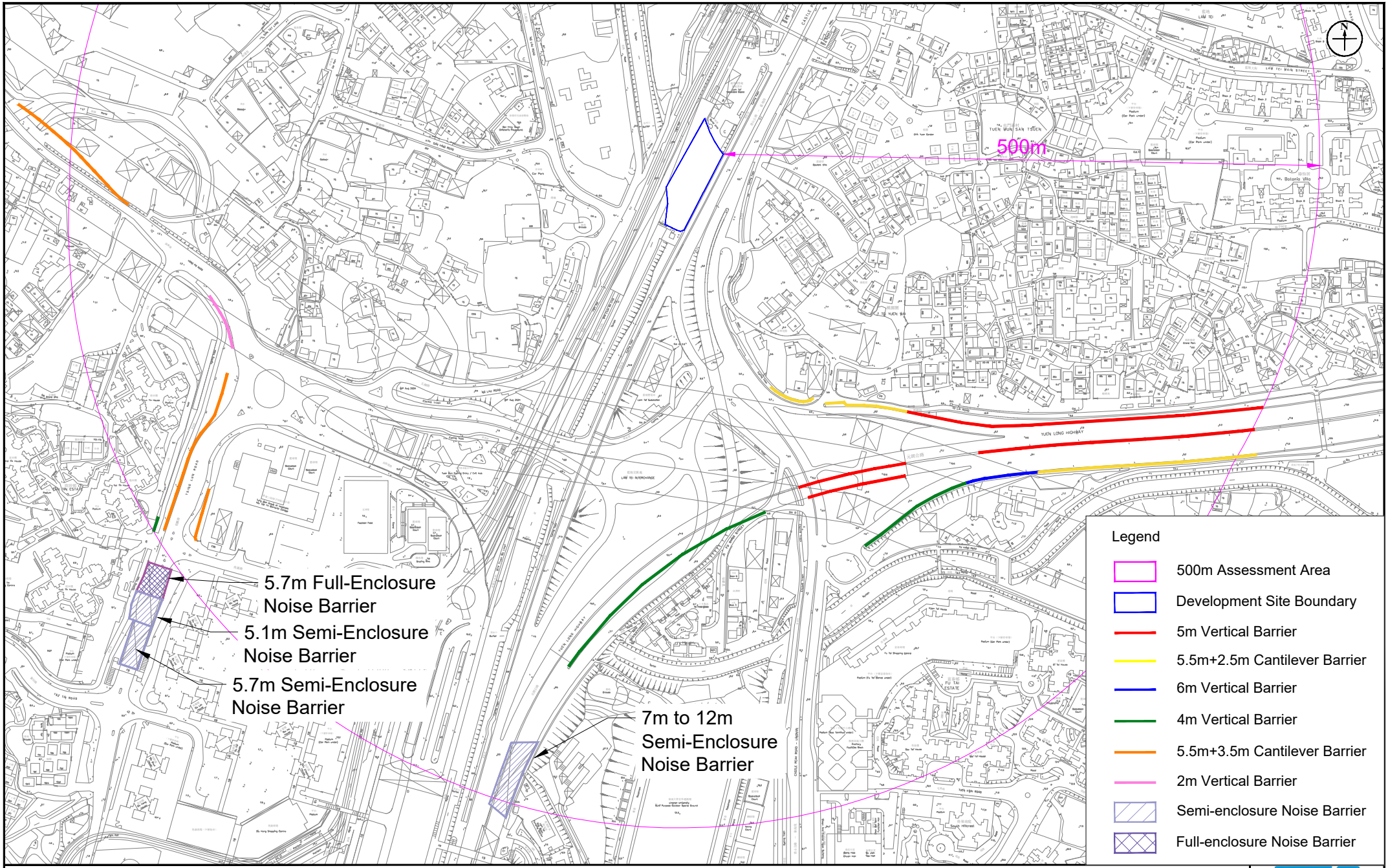

Figure: 5.7

Title: Location of Existing and Planned Noise Barriers

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	CC
Rev.:	1.1
Date:	Feb 2026

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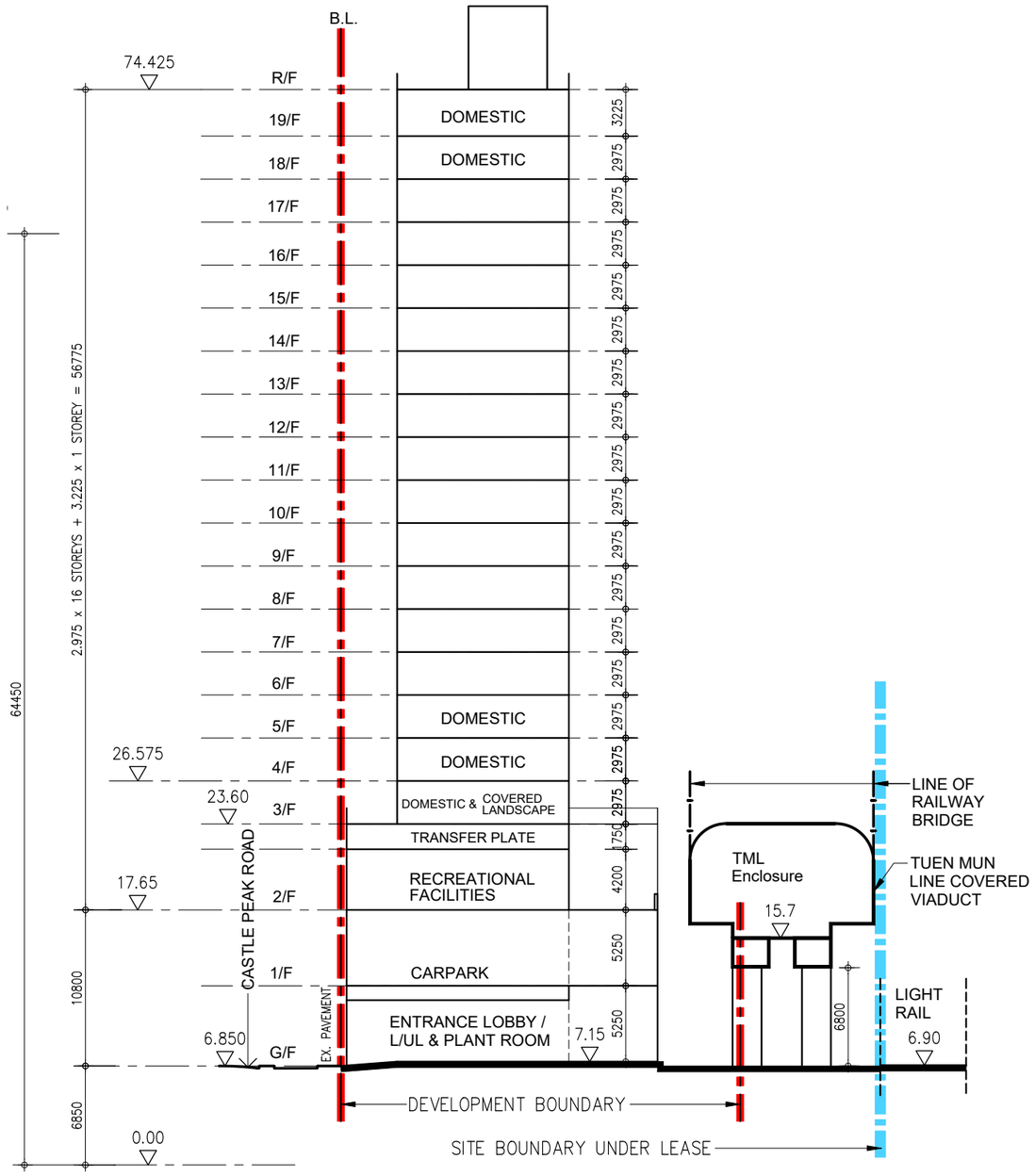
Appendix 2.1

Master Layout Plan, Floor Plans and Section Plan of the Proposed Development

PROPOSED RESIDENTIAL DEVELOPMENT WITH SHOP AND SERVICES

DEVELOPMENT BOUNDARY
SITE BOUNDARY UNDER LEASE



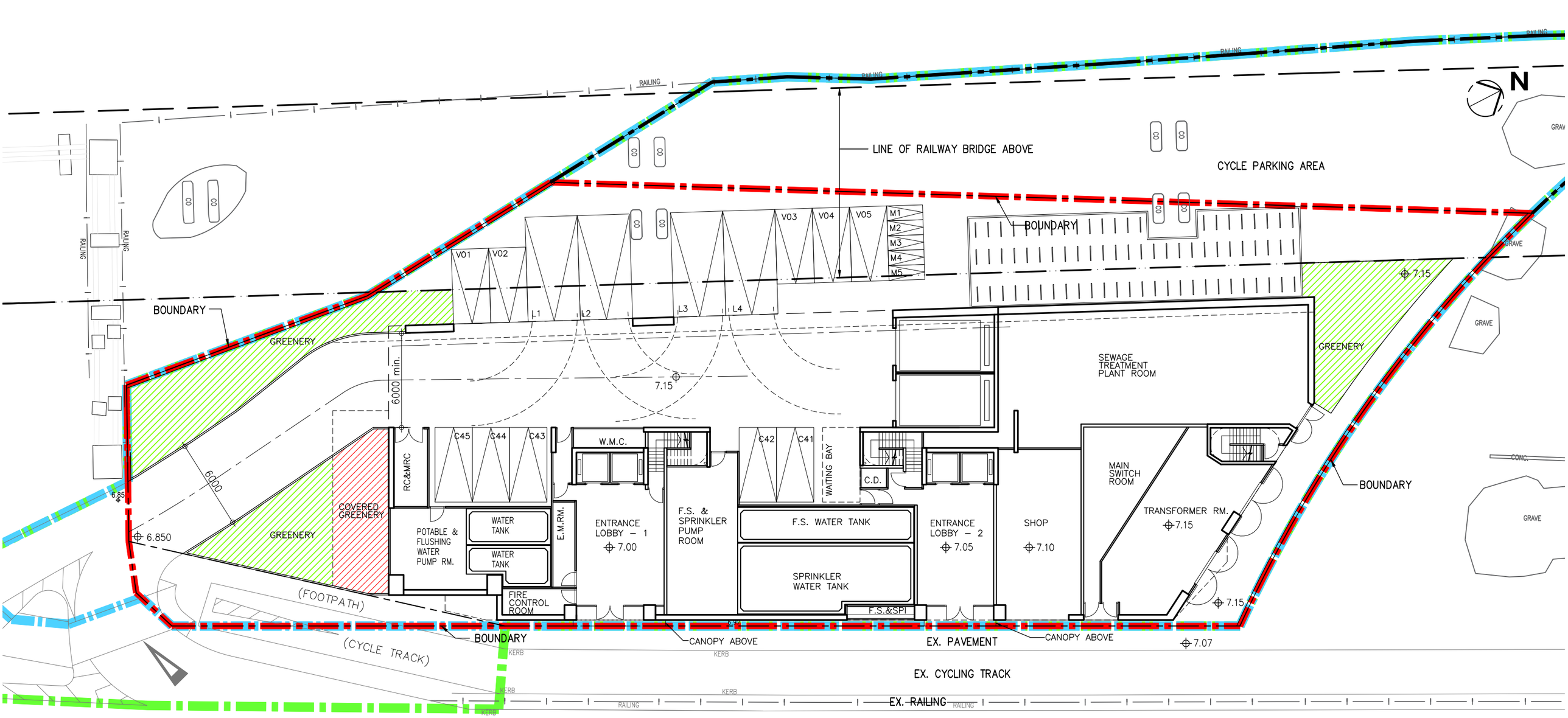
PROPOSED DIAGRAMMATIC SECTION

ARCHITECTS (HK) LTD
馬梁建築師事務所(香港)有限公司

Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

SCALE 1 : 400 (A3)

SP–43–02A
01–2026



GROUND FLOOR PLAN

NOS. OF LORRY PARKING = 4
NOS. OF PRIVATE CAR PARKING = 5
NOS. OF MOTOR-CYCLE PARKING = 5
NOS. OF VISITOR'S CARPARK = 5
NOS. OF CYCLE PARKING = 74

GREENERY
COVERED GREENERY
DOUBLE DECK CAR PARKING
BICYCLE PARKING SPACE

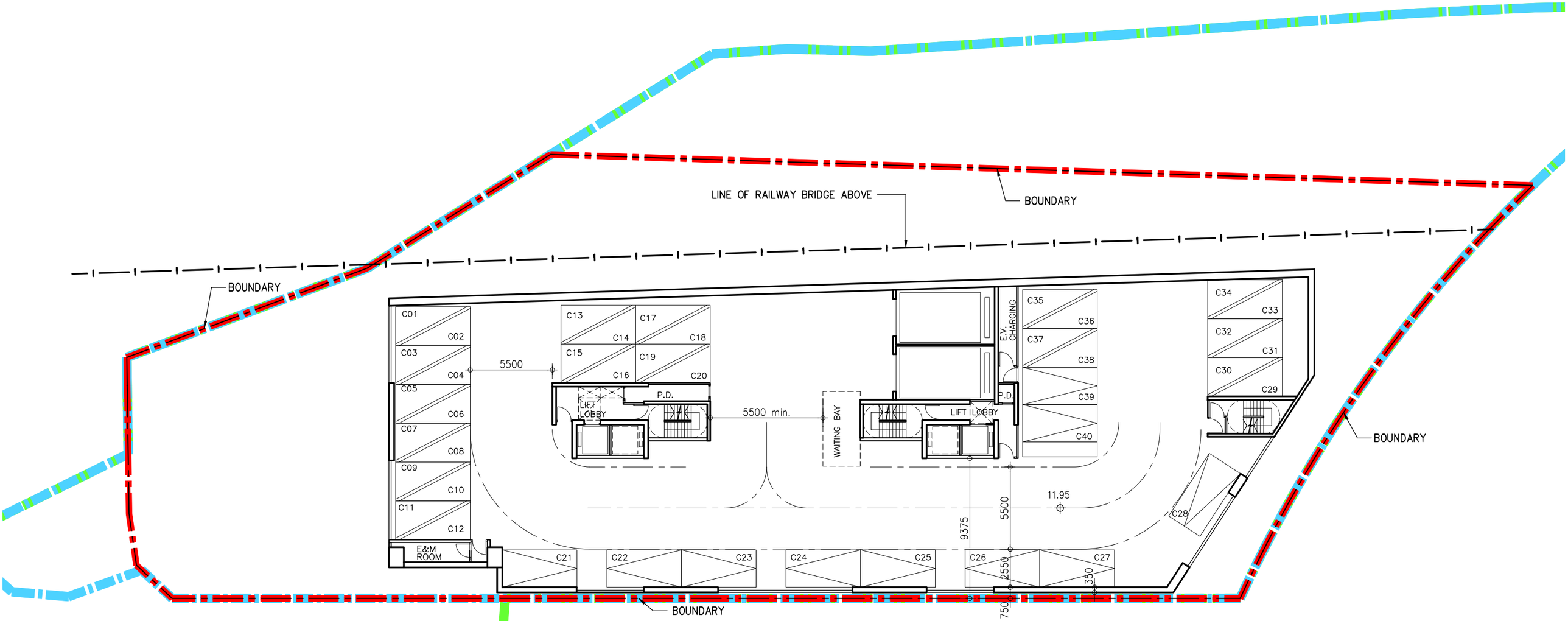
DEVELOPMENT BOUNDARY
SITE BOUNDARY UNDER LEASE
APPLICATION BOUNDARY

ARCHITECTS (HK) LTD
馬梁建築師事務所(香港)有限公司

Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

SCALE 1 : 250 (A3)

SP-43-04C
01-2026



1st FLOOR PLAN

NOS. OF PRIVATE CAR PARKING = 40

PRIVATE CAR PARKING

DOUBLE DECK CAR PARKING

DEVELOPMENT BOUNDARY

SITE BOUNDARY UNDER LEASE

APPLICATION BOUNDARY

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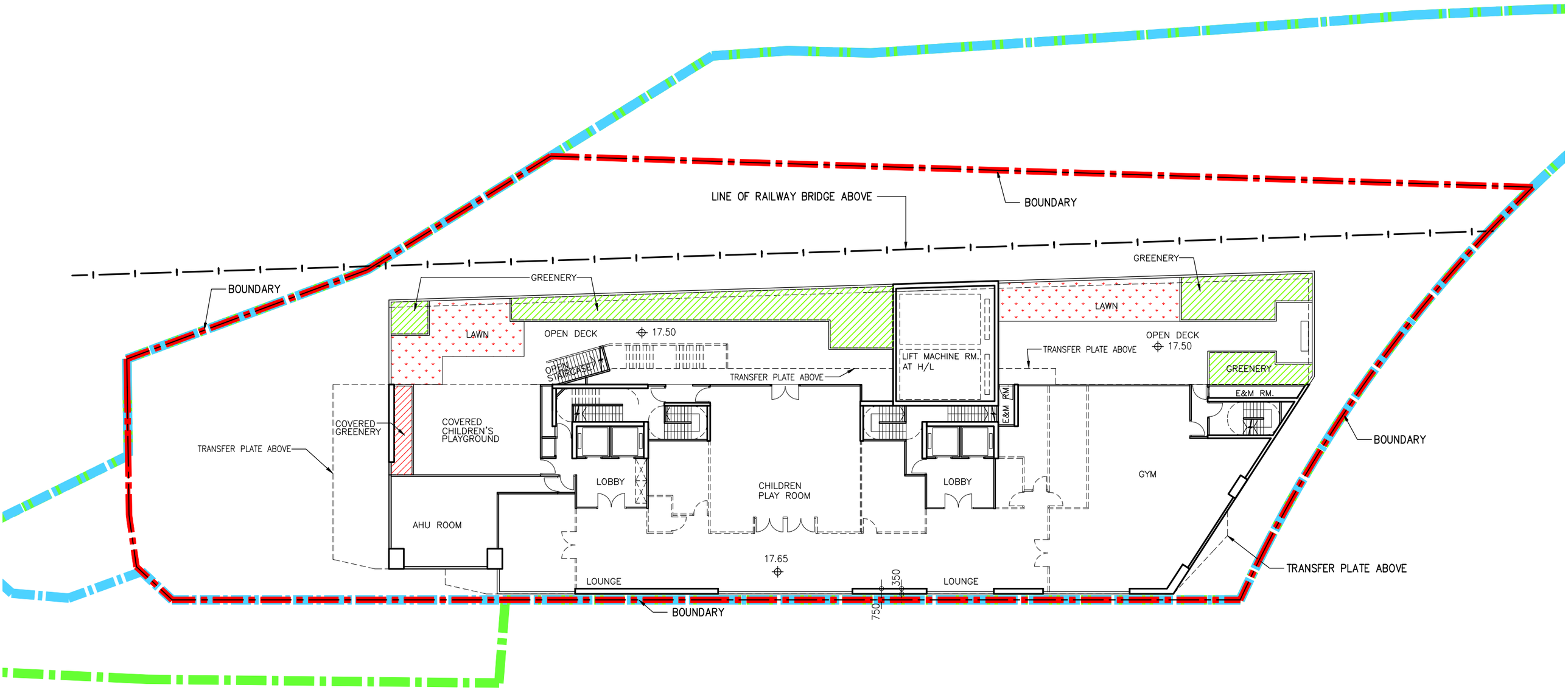
Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

SCALE 1 : 250 (A3)

SP–43–05A
01–2026



2nd FLOOR PLAN (RESIDENTIAL RECREATIONAL FACILITIES)

RECREATIONAL FACILITIES AREA = 10800.00 x 5% = 540.00 s.m.

GREENERY / LAWN

COVERED GREENERY

DEVELOPMENT BOUNDARY

SITE BOUNDARY UNDER LEASE

APPLICATION BOUNDARY

ARCHITECTS (HK) LTD
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Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

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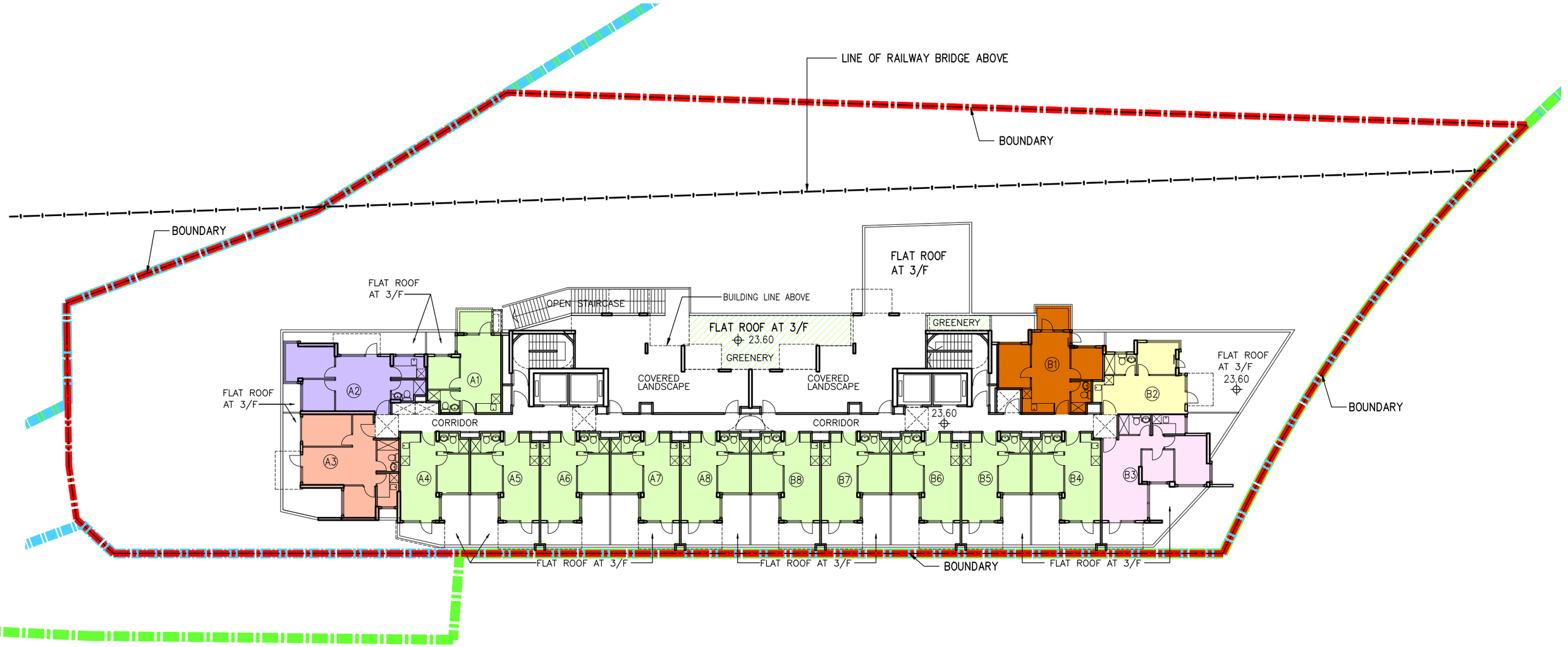
SP-43-06A
01-2026



3rd FLOOR PLAN (1 STOREY)
(16 UNITS)

GREENERY

DEVELOPMENT BOUNDARY
SITE BOUNDARY UNDER LEASE
APPLICATION BOUNDARY

ARCHITECTS (HK) LTD
馬梁建築師事務所(香港)有限公司

Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

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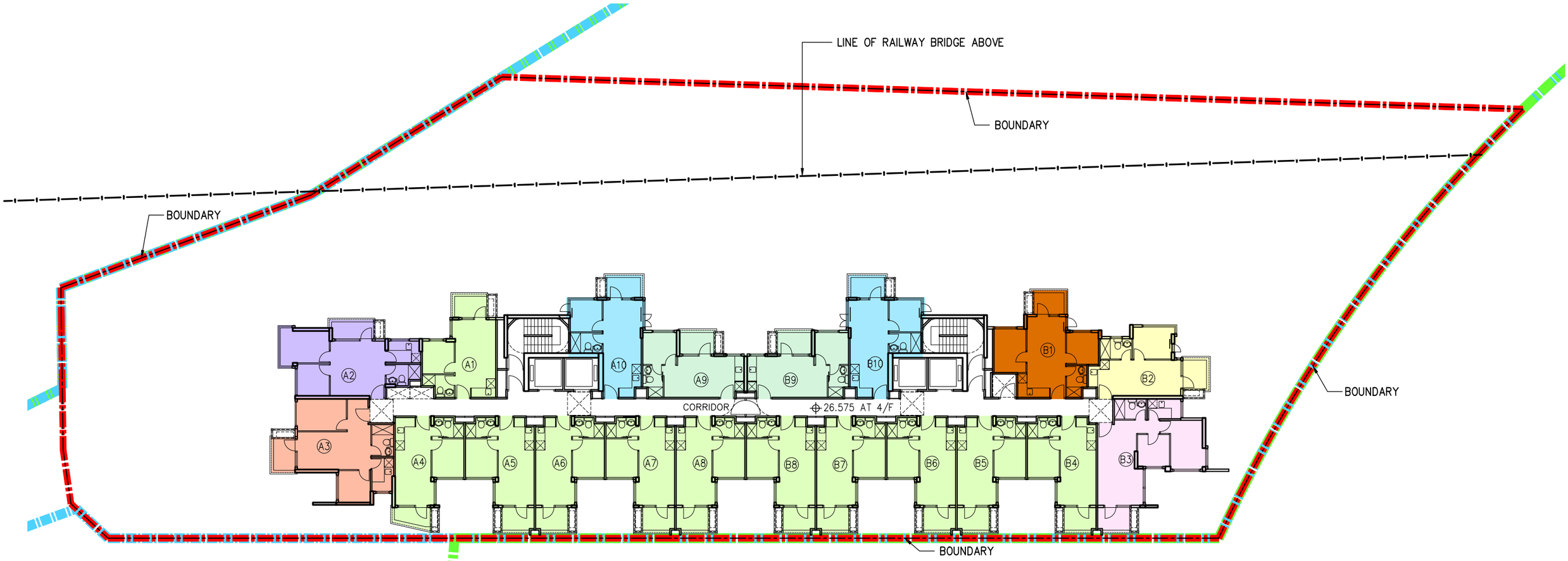
SP–43–07A
01–2026



4th TO 19th FLOOR PLAN (16 STOREYS)
(20 UNITS)

DEVELOPMENT BOUNDARY
SITE BOUNDARY UNDER LEASE
APPLICATION BOUNDARY

ARCHITECTS (HK) LTD
馬梁建築師事務所(香港)有限公司

Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

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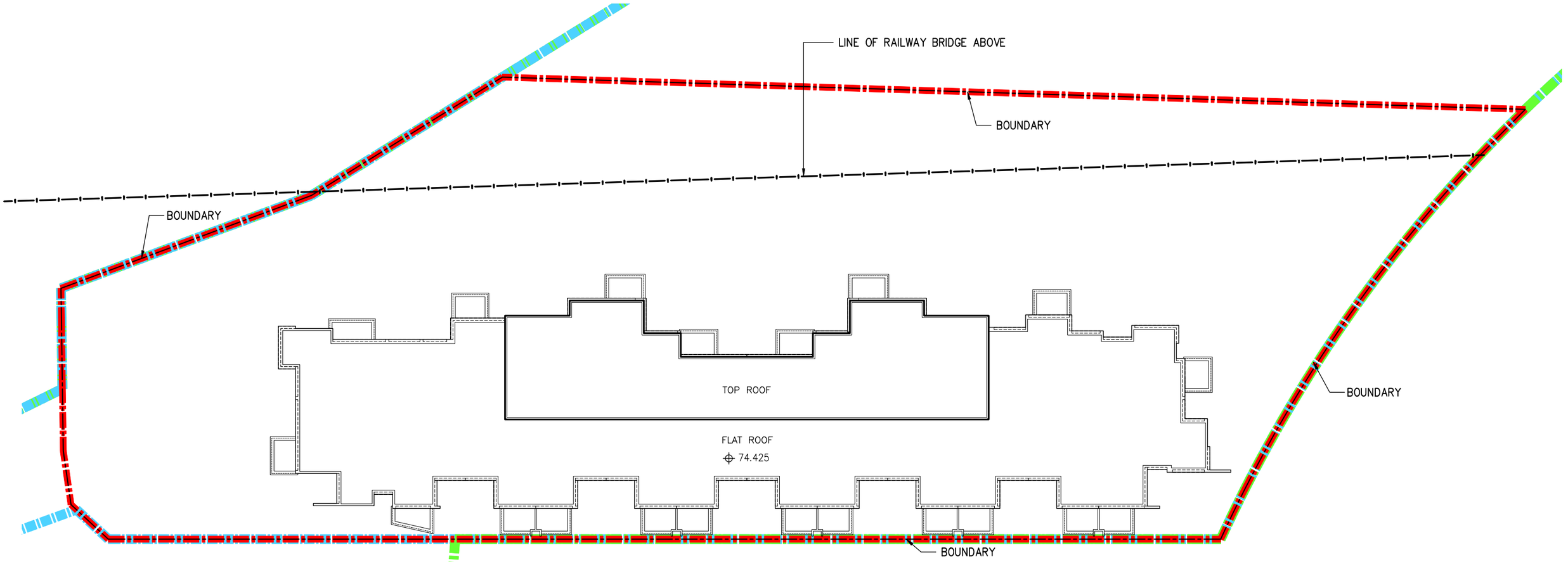
SP-43-08A
01-2026



ROOF PLAN

DEVELOPMENT BOUNDARY
SITE BOUNDARY UNDER LEASE
APPLICATION BOUNDARY

ARCHITECTS (HK) LTD
馬梁建築師事務所(香港)有限公司

Proposed Minor Relaxation of Plot Ratio and Building Height Restriction for the Residential Development with Shop and Services at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and adjoining Government Land in Lam Tei

SCALE 1 : 250 (A3)

SP–43–09A
01–2026

Appendix 5.1

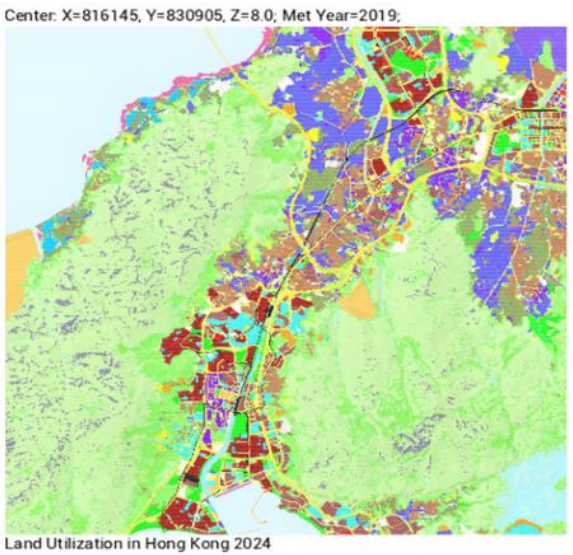
Detailed Calculation Characterizing Landuse for AERMET

Land Use Implications on Albedo Value, Bowen Ratio and Surface Roughness

PATH v3.0 Grid 21,44

Code	Co	Hong Kong Planning Department Classification	Roughness	Albedo	Bowen Ratio	Grid Count	Percent	Albedo x Perce	b^n/Sn
1		Private Residential	1	0.18	1.5	22182	2.22%	0.00399276	1.009034595
2		Public Residential	1	0.18	1.5	23655	2.37%	0.0042579	1.009637421
3		Rural Settlement	0.375	0.165	0.9	54508	5.45%	0.00899382	0.994273468
11		Commercial/Business and Office	1	0.18	1.5	2932	0.29%	0.00052776	1.001189531
21		Industrial Land	0.7	0.18	1.5	13390	1.34%	0.0024102	1.005443942
22		Industrial Estates/Science and Technology Parks	0.7	0.18	1.5	5125	0.51%	0.0009225	1.002080169
23		Warehouse and Open Storage	0.7	0.18	1.5	54994	5.50%	0.00989892	1.02254861
31		Government, Institutional and Community Facilities	0.7	0.18	1.5	19197	1.92%	0.00345546	1.007814086
32		Open Space and Recreation	0.04	0.15	1	18116	1.81%	0.0027174	1
41		Roads and Transport Facilities	0.7	0.18	1.5	57578	5.76%	0.01036404	1.023620518
42		Railways	0.7	0.18	1.5	5779	0.58%	0.00104022	1.00234593
43		Airport	0.07	0.18	1.5	0	0.00%	0	1
44		Port Facilities	0.7	0.18	1.5	375	0.04%	0.0000675	1.000152061
51		Cemeteries/Funeral Facilities	0.7	0.18	1.5	5990	0.60%	0.0010782	1.002431688
52		Utilities	0.7	0.18	1.5	4950	0.50%	0.000891	1.002009068
53		Vacant Land/Construction in Progress	0.2	0.18	1	14553	1.46%	0.00261954	1
54		Others	0.2	0.18	1	11950	1.20%	0.002151	1
61		Agricultural Land	0.1575	0.18	0.55	33290	3.33%	0.0059922	0.980294744
62		Fish Ponds/Gei Wais	0.001	0.1	0.1	3885	0.39%	0.0003885	0.991094349
71		Woodland	1.05	0.1625	0.75	87448	8.74%	0.0142103	0.975156584
72		Shrubland	0.3	0.18	1.25	62829	6.28%	0.01130922	1.014118626
73		Grassland	0.065	0.185	0.8	340797	34.08%	0.063047445	0.926772969
74		Mangrove/Swamp	0.065	0.14	0.225	3226	0.32%	0.00045164	0.995199481
81		Badland	0.15	0.1625	0.75	22183	2.22%	0.003604738	0.993638668
83		Rocky Shore	0.05	0.2	4.75	81	0.01%	0.0000162	1.000126218
91		Reservoirs	0.001	0.1	0.1	15185	1.52%	0.0015185	0.96563945
92		Streams and Nullahs	0.001	0.1	0.1	7119	0.71%	0.0007119	0.983741516
99		SZ Residential *	1	0.18	1.5	0	0.00%	0	1
0		Open Sea *	0.001	0.1	0.1	108683	10.87%	0.0108683	0.778604662
				0.167507	**0.706939**	1000000			

* Non-PlanD Land Utilization categories

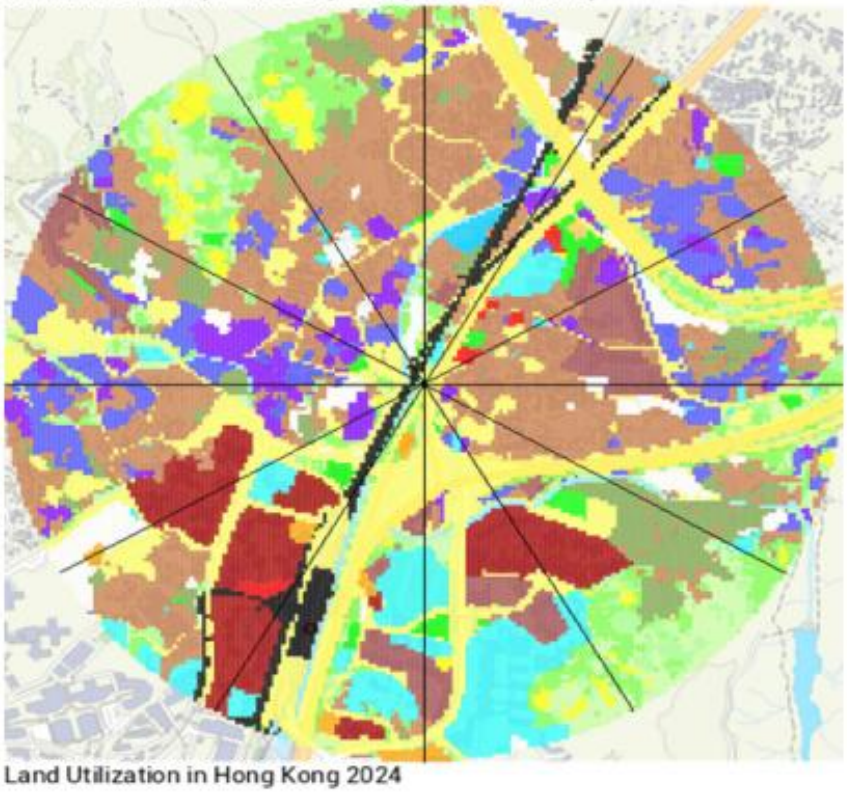


Land Utilization in Hong Kong 2024

PATH v3.0 Grid 21,44

Angle	Group	Inverse-distanc	Roughness
0	0 - 30	5.176452751	**0.332778**
30	30 - 60	5.31768931	**0.486297**
60	60 - 90	5.176452751	**0.497540**
90	90 - 120	5.176452751	**0.386238**
120	120 - 150	5.31768931	**0.380689**
150	150 - 180	5.176452751	**0.581830**
180	180 - 210	5.176452751	**0.529644**
210	210 - 240	5.31768931	**0.527876**
240	240 - 270	5.176452751	**0.470739**
270	270 - 300	5.176452751	**0.408775**
300	300 - 330	5.31768931	**0.385225**
330	330 - 360	5.176452751	**0.350054**

Center: X=816145, Y=830905, Z=8.0; Met Year=2019;



Land Utilization in Hong Kong 2024

Appendix 5.2

Input Parameters of Industrial Sources in AERMOD

Derivation of Emission Rates and Inventory

Wood Emission Factors:

SO_2	=	0.4	lb/ton_{wood}	
	=	0.2	kg/Mg_{wood}	
RSP	=	30.6	lb/ton_{wood}	USEPA AP-42 5th Ed Vol. I Section 1.10 - "Residential Wood Stoves", Table 1.10-1: Emission Factors for Wood Stoves
	=	15.3	kg/Mg_{wood}	
NOx	=	2.8	lb/ton_{wood}	
	=	1.4	kg/Mg_{wood}	

Derivation of Emission Rate for Chimney S1

Wood Consumption per stove	=	1.5	pallets/hr	From the approved EIA report "Development at San Hing Road and Hong Po Road, Tuen Mun (AEIAR-227/2020)"
Weight per wood pallet	=	20.0	kg/pallet	
Total Wood Consumption	=	30	kg_{wood}/hr	

	SO_2	PM	RSP	FSP	NOx
Unmitigated Total Emission Rate (g/s) =	**0.0017**	**-**	**0.1275**	**0.1275**	**0.0117**

Emission Inventory of Industrial Emissions (Point Source)

Emission Point ID	Source Description	Source Type	Coordinates of Sources		Emission Rate					Base Elevation	Emission Height	Exhaust Temperature		Exit Velocity	Equiv. Stack dia.	Operating Period with Emissions	No. of Operating Days per Year
					NO_x	% of Initial NO_2 in NO_x	RSP	FSP	SO_2								
			X	Y	g/s		g/s	g/s	g/s	m	mAG	°C	K	m/s	m		
S1 [a]	Chimney of Roast Pig Factory	Point	816199[e]	830877[e]	0.01167	10.0 [c]	0.1275	0.1275	0.00167	6[e]	20[e]	-	473[b]	7[b]	1.5[e]	0630 - 1700[d]	365

Note: [a] No changes have been made to the chimney parameters and industrial activities since the approval of the EIA report "Development at San Hing Road and Hong Po Road, Tuen Mun (No. AEIAR-227/2020) and Rezoning Application (Application No.: Y/TM-LTYY/11) based on the 0n-site surveys conducted on 31 Oct 2025 and 22 Jan 2026

[b] Exit velocity and temperature are referenced from the EIA Development at San Hing Road and Hong Po Road, Tuen Mun (No. AEIAR-227/2020).

[c] Boilers in Table 4.5 of Heathrow Airport EIA report (http://www.cerc.co.uk/environmental-software/assets/data/doc_validation/ADMS-Airport_Adding%20Capacity_Air%20Quality.pdf)

[d] The operating period is referenced from the approved Rezoning Application (Application No.: Y/TM-LTYY/11).

[e] The coordinates of sources, base elevation, equivalent stack diameter and chimney height of the roast pig factory is referenced from the approved EIA report "Development at San Hing Road and Hong Po Road, Tuen Mun (No. AEIAR-227/2020)

Appendix 5.3

Input Parameters of Emission Sources within 4km Area in AERMOD

Derivation of Emission Rates and Inventory of 4km Major Point Sources

Emission Point ID [a]	Source Description	Type of Fuel	Source Type	Coordinates of Sources		Emission Rate					Base Elevation	Emission Height	Exhaust Temperature		Exit Velocity	Equiv. Stack dia.	Operating Period with Emissions	No. of Operating Days per Year
						NO_x	% of Initial NO_2 in NO_x	RSP	FSP	SO_2								
				X	Y	g/s		g/s	g/s	g/s	m	mAG	°C	K	m/s	m		
EP1	EP1 at Asphalt Plant at Lam Tei Quarry	-	Point	817361.2	830581.3	4.0	10.0 [b]	0.7333	0.0045	2.933	24.50	16	-	333.15	18.67	1.0	24hrs	365
EP2	EP2 at Asphalt Plant at Lam Tei Quarry	-	Point	817371.7	830581.2	-	-	0.0039	1.83E-05	-	24.50	13.5	-	0.00	3.10	0.40	24hrs	365

Note:
[a] The information of the major point source (i.e. EP1 & EP2) at the asphalt plant of Lam Tei Quarry is obtained from the modelling files available on SAMP v2.1 and the SPL document of SPL no. L-15-041(2) available on the online SP Licence register under the Central Environmental Database (CED).
[b] Boilers in Table 4.5 of Heathrow Airport EIA report (http://www.cerc.co.uk/environmental-software/assets/data/doc_validation/ADMS-Airport_Adding%20Capacity_Air%20Quality.pdf)

Appendix 5.4

Input Parameters of Portals in AERMOD

Input Parameters for Portal Emission

Road No.	Portal Description		Emission Source ID	Source Type	x-coordinate	y-coordinate	Base Elevation	Release Height	Initial Lateral Dimension	Initial Vertical Dimension	Maximum Hourly Emission Rate of Each Bound (g/s)											
											NO_2											
							(m)	(m)	(m)	(m)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
B10	Tsing Lun Road (NB)	1st 50m	TLRN01	Volume	815696.3	830585.2	9	2.85	3.72	2.65	3.05E-04	2.97E-04	3.02E-04	2.96E-04	2.97E-04	2.92E-04	2.90E-04	2.90E-04	3.00E-04	2.97E-04	3.03E-04	3.09E-04
			TLRN02	Volume	815699.0	830592.7	9	2.85	3.72	2.65	3.05E-04	2.97E-04	3.02E-04	2.96E-04	2.97E-04	2.92E-04	2.90E-04	2.90E-04	3.00E-04	2.97E-04	3.03E-04	3.09E-04
		2nd 50m	TLRN03	Volume	815701.7	830600.2	9	2.85	3.72	2.65	1.53E-04	1.49E-04	1.51E-04	1.48E-04	1.49E-04	1.46E-04	1.45E-04	1.45E-04	1.50E-04	1.49E-04	1.51E-04	1.54E-04
			TLRN04	Volume	815704.3	830607.7	10	2.85	3.72	2.65	1.53E-04	1.49E-04	1.51E-04	1.48E-04	1.49E-04	1.46E-04	1.45E-04	1.45E-04	1.50E-04	1.49E-04	1.51E-04	1.54E-04

Input Parameters for Portal Emission

Road No.	Portal Description		Emission Source ID	Source Type	x-coordinate	y-coordinate	Base Elevation	Release Height	Initial Lateral Dimension	Initial Vertical Dimension	Maximum Hourly Emission Rate of Each Bound (g/s)												Maximum Hourly Emission Rate of Each Bound (g/s)	
											NO												RSP	FSP
							(m)	(m)	(m)	(m)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	Annual
B10	Tsing Lun Road (NB)	1st 50m	TLRN01	Volume	815696.3	830585.2	9	2.85	3.72	2.65	1.23E-03	1.21E-03	1.22E-03	1.19E-03	1.19E-03	1.17E-03	1.16E-03	1.16E-03	1.21E-03	1.19E-03	1.21E-03	1.25E-03	3.33E-05	3.06E-05
			TLRN02	Volume	815699.0	830592.7	9	2.85	3.72	2.65	1.23E-03	1.21E-03	1.22E-03	1.19E-03	1.19E-03	1.17E-03	1.16E-03	1.16E-03	1.21E-03	1.19E-03	1.21E-03	1.25E-03	3.33E-05	3.06E-05
		2nd 50m	TLRN03	Volume	815701.7	830600.2	9	2.85	3.72	2.65	6.17E-04	6.03E-04	6.10E-04	5.93E-04	5.96E-04	5.85E-04	5.80E-04	5.81E-04	6.03E-04	5.96E-04	6.07E-04	6.26E-04	1.66E-05	1.53E-05
			TLRN04	Volume	815704.3	830607.7	10	2.85	3.72	2.65	6.17E-04	6.03E-04	6.10E-04	5.93E-04	5.96E-04	5.85E-04	5.80E-04	5.81E-04	6.03E-04	5.96E-04	6.07E-04	6.26E-04	1.66E-05	1.53E-05

TLRN01-TLRN02

Hourly Profile for Portal Emission

Hour	NO2 (g/s)												NO (g/s)												RSP (g/s)	FSP (g/s)
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Annual
0000 - 0100	3.21E-05	3.12E-05	3.07E-05	3.01E-05	3.00E-05	2.90E-05	2.86E-05	2.91E-05	3.09E-05	3.10E-05	3.15E-05	3.23E-05	2.54E-04	2.41E-04	2.34E-04	2.25E-04	2.25E-04	2.13E-04	2.09E-04	2.15E-04	2.34E-04	2.35E-04	2.43E-04	2.56E-04	5.51E-06	5.05E-06
0100 - 0200	2.43E-05	2.36E-05	2.32E-05	2.28E-05	2.28E-05	2.17E-05	2.15E-05	2.19E-05	2.33E-05	2.35E-05	2.39E-05	2.45E-05	1.89E-04	1.79E-04	1.73E-04	1.66E-04	1.66E-04	1.55E-04	1.52E-04	1.57E-04	1.72E-04	1.75E-04	1.82E-04	1.91E-04	3.71E-06	3.41E-06
0200 - 0300	2.31E-05	2.25E-05	2.20E-05	2.15E-05	2.17E-05	2.05E-05	2.01E-05	2.07E-05	2.21E-05	2.22E-05	2.26E-05	2.32E-05	1.31E-04	1.24E-04	1.18E-04	1.14E-04	1.15E-04	1.05E-04	1.02E-04	1.06E-04	1.17E-04	1.19E-04	1.25E-04	1.33E-04	2.62E-06	2.41E-06
0300 - 0400	1.89E-05	1.84E-05	1.80E-05	1.76E-05	1.76E-05	1.70E-05	1.67E-05	1.69E-05	1.80E-05	1.81E-05	1.85E-05	1.91E-05	1.32E-04	1.26E-04	1.21E-04	1.15E-04	1.15E-04	1.09E-04	1.05E-04	1.08E-04	1.19E-04	1.20E-04	1.26E-04	1.35E-04	2.48E-06	2.29E-06
0400 - 0500	2.72E-05	2.66E-05	2.62E-05	2.56E-05	2.55E-05	2.46E-05	2.42E-05	2.47E-05	2.61E-05	2.62E-05	2.68E-05	2.74E-05	2.90E-04	2.82E-04	2.77E-04	2.67E-04	2.67E-04	2.55E-04	2.50E-04	2.56E-04	2.74E-04	2.75E-04	2.85E-04	2.95E-04	6.59E-06	6.07E-06
0500 - 0600	3.84E-05	3.77E-05	3.73E-05	3.59E-05	3.61E-05	3.53E-05	3.43E-05	3.43E-05	3.71E-05	3.71E-05	3.79E-05	3.88E-05	4.09E-04	3.98E-04	3.92E-04	3.73E-04	3.75E-04	3.64E-04	3.52E-04	3.52E-04	3.86E-04	3.87E-04	4.00E-04	4.15E-04	8.96E-06	8.25E-06
0600 - 0700	1.41E-04	1.39E-04	1.38E-04	1.33E-04	1.34E-04	1.31E-04	1.29E-04	1.27E-04	1.37E-04	1.37E-04	1.40E-04	1.43E-04	6.56E-04	6.39E-04	6.33E-04	5.99E-04	6.05E-04	5.86E-04	5.75E-04	5.66E-04	6.21E-04	6.19E-04	6.42E-04	6.69E-04	1.65E-05	1.51E-05
0700 - 0800	2.12E-04	2.09E-04	2.09E-04	2.02E-04	2.03E-04	2.00E-04	1.95E-04	1.93E-04	2.06E-04	2.06E-04	2.10E-04	2.14E-04	1.23E-03	1.21E-03	1.20E-03	1.15E-03	1.16E-03	1.14E-03	1.11E-03	1.09E-03	1.18E-03	1.18E-03	1.21E-03	1.24E-03	3.33E-05	3.06E-05
0800 - 0900	2.06E-04	2.04E-04	2.05E-04	1.98E-04	1.98E-04	1.95E-04	1.93E-04	1.91E-04	2.02E-04	2.01E-04	2.05E-04	2.09E-04	1.04E-03	1.02E-03	1.03E-03	9.83E-04	9.85E-04	9.63E-04	9.52E-04	9.39E-04	1.01E-03	1.00E-03	1.03E-03	1.06E-03	2.78E-05	2.56E-05
0900 - 1000	2.31E-04	2.27E-04	2.29E-04	2.22E-04	2.22E-04	2.18E-04	2.17E-04	2.14E-04	2.26E-04	2.25E-04	2.30E-04	2.34E-04	1.01E-03	9.81E-04	9.89E-04	9.52E-04	9.53E-04	9.32E-04	9.26E-04	9.14E-04	9.74E-04	9.65E-04	9.94E-04	1.02E-03	2.61E-05	2.40E-05
1000 - 1100	3.05E-04	2.97E-04	3.02E-04	2.93E-04	2.94E-04	2.87E-04	2.87E-04	2.87E-04	2.98E-04	2.97E-04	3.03E-04	3.08E-04	1.23E-03	1.18E-03	1.21E-03	1.17E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	1.19E-03	1.18E-03	1.21E-03	1.24E-03	3.19E-05	2.94E-05
1100 - 1200	3.03E-04	2.95E-04	3.02E-04	2.93E-04	2.94E-04	2.85E-04	2.88E-04	2.86E-04	2.97E-04	2.96E-04	3.01E-04	3.07E-04	1.16E-03	1.11E-03	1.15E-03	1.11E-03	1.11E-03	1.07E-03	1.08E-03	1.08E-03	1.12E-03	1.12E-03	1.14E-03	1.17E-03	3.01E-05	2.77E-05
1200 - 1300	2.91E-04	2.82E-04	2.88E-04	2.80E-04	2.82E-04	2.72E-04	2.75E-04	2.75E-04	2.84E-04	2.83E-04	2.88E-04	2.94E-04	1.18E-03	1.14E-03	1.17E-03	1.12E-03	1.13E-03	1.09E-03	1.10E-03	1.10E-03	1.14E-03	1.14E-03	1.16E-03	1.19E-03	3.10E-05	2.86E-05
1300 - 1400	2.65E-04	2.57E-04	2.63E-04	2.56E-04	2.58E-04	2.52E-04	2.51E-04	2.53E-04	2.60E-04	2.57E-04	2.61E-04	2.68E-04	1.13E-03	1.09E-03	1.12E-03	1.08E-03	1.09E-03	1.06E-03	1.06E-03	1.07E-03	1.10E-03	1.09E-03	1.11E-03	1.15E-03	2.91E-05	2.68E-05
1400 - 1500	3.05E-04	2.97E-04	3.02E-04	2.96E-04	2.97E-04	2.92E-04	2.90E-04	2.90E-04	3.00E-04	2.97E-04	3.02E-04	3.09E-04	1.23E-03	1.19E-03	1.22E-03	1.19E-03	1.19E-03	1.17E-03	1.16E-03	1.16E-03	1.21E-03	1.19E-03	1.21E-03	1.25E-03	3.24E-05	2.98E-05
1500 - 1600	3.00E-04	2.91E-04	2.95E-04	2.89E-04	2.92E-04	2.88E-04	2.86E-04	2.87E-04	2.95E-04	2.93E-04	2.96E-04	3.04E-04	1.15E-03	1.11E-03	1.13E-03	1.10E-03	1.11E-03	1.09E-03	1.08E-03	1.09E-03	1.12E-03	1.11E-03	1.13E-03	1.17E-03	3.04E-05	2.79E-05
1600 - 1700	2.72E-04	2.64E-04	2.68E-04	2.63E-04	2.65E-04	2.57E-04	2.59E-04	2.61E-04	2.68E-04	2.65E-04	2.69E-04	2.76E-04	1.09E-03	1.05E-03	1.07E-03	1.04E-03	1.05E-03	1.01E-03	1.02E-03	1.03E-03	1.06E-03	1.05E-03	1.07E-03	1.11E-03	2.82E-05	2.59E-05
1700 - 1800	2.08E-04	2.02E-04	2.04E-04	2.00E-04	2.02E-04	1.96E-04	1.97E-04	1.96E-04	2.05E-04	2.02E-04	2.07E-04	2.11E-04	9.52E-04	9.13E-04	9.30E-04	9.04E-04	9.14E-04	8.78E-04	8.84E-04	8.78E-04	9.29E-04	9.10E-04	9.39E-04	9.70E-04	2.56E-05	2.35E-05
1800 - 1900	2.08E-04	2.02E-04	2.04E-04	2.00E-04	2.01E-04	1.92E-04	1.95E-04	1.95E-04	2.05E-04	2.01E-04	2.07E-04	2.10E-04	9.32E-04	8.90E-04	9.04E-04	8.80E-04	8.84E-04	8.39E-04	8.51E-04	8.55E-04	9.08E-04	8.85E-04	9.19E-04	9.42E-04	2.55E-05	2.35E-05
1900 - 2000	1.11E-04	1.09E-04	1.08E-04	1.06E-04	1.06E-04	1.02E-04	1.02E-04	1.04E-04	1.09E-04	1.06E-04	1.11E-04	1.13E-04	6.59E-04	6.38E-04	6.31E-04	6.15E-04	6.12E-04	5.88E-04	5.86E-04	5.96E-04	6.36E-04	6.16E-04	6.50E-04	6.72E-04	1.87E-05	1.72E-05
2000 - 2100	1.01E-04	9.82E-05	9.79E-05	9.57E-05	9.61E-05	9.38E-05	9.20E-05	9.37E-05	9.91E-05	9.66E-05	1.00E-04	1.02E-04	6.49E-04	6.26E-04	6.22E-04	6.01E-04	6.04E-04	5.84E-04	5.70E-04	5.83E-04	6.28E-04	6.07E-04	6.38E-04	6.60E-04	1.74E-05	1.59E-05
2100 - 2200	6.64E-05	6.43E-05	6.42E-05	6.29E-05	6.29E-05	6.08E-05	6.07E-05	6.19E-05	6.50E-05	6.37E-05	6.56E-05	6.73E-05	5.46E-04	5.24E-04	5.22E-04	5.06E-04	5.06E-04	4.85E-04	4.84E-04	4.96E-04	5.27E-04	5.13E-04	5.36E-04	5.57E-04	1.47E-05	1.35E-05
2200 - 2300	5.29E-05	5.11E-05	5.09E-05	5.00E-05	4.95E-05	4.80E-05	4.84E-05	5.00E-05	5.13E-05	5.10E-05	5.22E-05	5.35E-05	4.20E-04	4.00E-04	3.95E-04	3.83E-04	3.78E-04	3.62E-04	3.66E-04	3.82E-04	3.96E-04	3.93E-04	4.09E-04	4.28E-04	1.05E-05	9.63E-06
2300 - 2400	3.71E-05	3.57E-05	3.58E-05	3.50E-05	3.49E-05	3.33E-05	3.37E-05	3.44E-05	3.59E-05	3.62E-05	3.67E-05	3.75E-05	3.68E-04	3.50E-04	3.50E-04	3.40E-04	3.37E-04	3.19E-04	3.24E-04	3.32E-04	3.49E-04	3.53E-04	3.61E-04	3.73E-04	9.53E-06	8.75E-06
max:	3.05E-04	2.97E-04	3.02E-04	2.96E-04	2.97E-04	2.92E-04	2.90E-04	2.90E-04	3.00E-04	2.97E-04	3.03E-04	3.09E-04	1.23E-03	1.21E-03	1.22E-03	1.19E-03	1.19E-03	1.17E-03	1.16E-03	1.16E-03	1.21E-03	1.19E-03	1.21E-03	1.25E-03	3.33E-05	3.06E-05

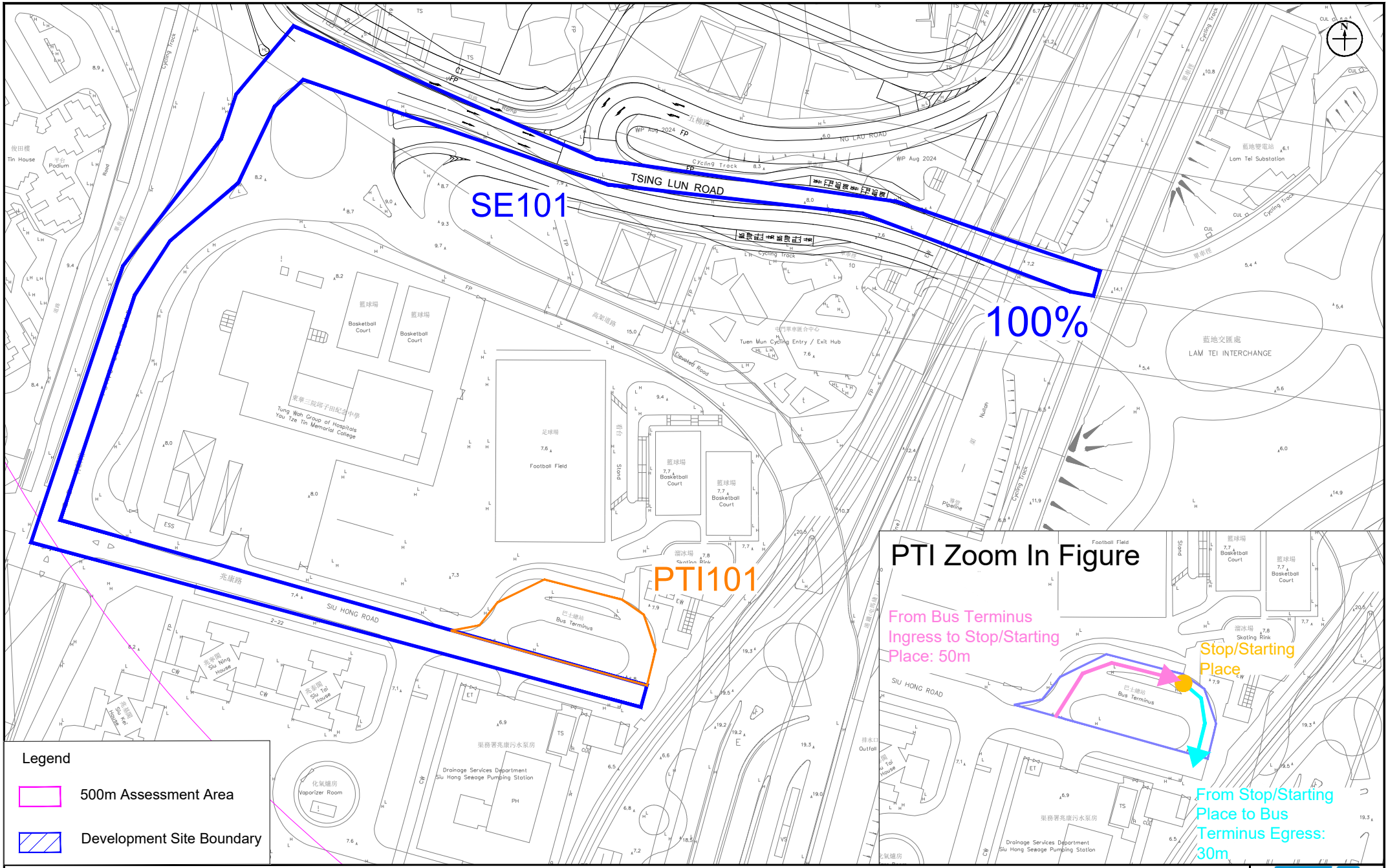
TLRN03-TLRN04

Hourly Profile for Portal Emission

Hour	NO2 (g/s)												NO (g/s)												RSP (g/s)	FSP (g/s)
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Annual
0000 - 0100	1.61E-05	1.56E-05	1.53E-05	1.50E-05	1.50E-05	1.45E-05	1.43E-05	1.45E-05	1.55E-05	1.55E-05	1.57E-05	1.62E-05	1.27E-04	1.20E-04	1.17E-04	1.13E-04	1.12E-04	1.07E-04	1.05E-04	1.07E-04	1.17E-04	1.18E-04	1.22E-04	1.28E-04	2.75E-06	2.52E-06
0100 - 0200	1.21E-05	1.18E-05	1.16E-05	1.14E-05	1.14E-05	1.09E-05	1.07E-05	1.10E-05	1.17E-05	1.18E-05	1.19E-05	1.22E-05	9.44E-05	8.96E-05	8.67E-05	8.32E-05	8.31E-05	7.73E-05	7.59E-05	7.85E-05	8.62E-05	8.73E-05	9.10E-05	9.55E-05	1.86E-06	1.70E-06
0200 - 0300	1.15E-05	1.13E-05	1.10E-05	1.08E-05	1.09E-05	1.02E-05	1.01E-05	1.04E-05	1.10E-05	1.11E-05	1.13E-05	1.16E-05	6.55E-05	6.22E-05	5.92E-05	5.68E-05	5.75E-05	5.23E-05	5.10E-05	5.32E-05	5.87E-05	5.94E-05	6.25E-05	6.64E-05	1.31E-06	1.20E-06
0300 - 0400	9.43E-06	9.21E-06	9.01E-06	8.81E-06	8.82E-06	8.52E-06	8.33E-06	8.45E-06	9.02E-06	9.06E-06	9.26E-06	9.53E-06	6.60E-05	6.29E-05	6.06E-05	5.76E-05	5.77E-05	5.46E-05	5.27E-05	5.39E-05	5.96E-05	6.00E-05	6.31E-05	6.74E-05	1.24E-06	1.14E-06
0400 - 0500	1.36E-05	1.33E-05	1.31E-05	1.28E-05	1.28E-05	1.23E-05	1.21E-05	1.24E-05	1.31E-05	1.31E-05	1.34E-05	1.37E-05	1.45E-04	1.41E-04	1.38E-04	1.34E-04	1.33E-04	1.28E-04	1.25E-04	1.28E-04	1.37E-04	1.38E-04	1.42E-04	1.47E-04	3.30E-06	3.03E-06
0500 - 0600	1.92E-05	1.89E-05	1.87E-05	1.80E-05	1.81E-05	1.76E-05	1.72E-05	1.72E-05	1.85E-05	1.86E-05	1.90E-05	1.94E-05	2.04E-04	1.99E-04	1.96E-04	1.86E-04	1.87E-04	1.82E-04	1.76E-04	1.76E-04	1.93E-04	1.93E-04	2.00E-04	2.08E-04	4.48E-06	4.12E-06
0600 - 0700	7.07E-05	6.96E-05	6.91E-05	6.66E-05	6.72E-05	6.56E-05	6.45E-05	6.37E-05	6.86E-05	6.84E-05	6.99E-05	7.15E-05	3.28E-04	3.19E-04	3.16E-04	2.99E-04	3.03E-04	2.93E-04	2.87E-04	2.83E-04	3.11E-04	3.09E-04	3.21E-04	3.34E-04	8.24E-06	7.57E-06
0700 - 0800	1.06E-04	1.05E-04	1.05E-04	1.01E-04	1.02E-04	9.98E-05	9.77E-05	9.63E-05	1.03E-04	1.03E-04	1.05E-04	1.07E-04	6.15E-04	6.03E-04	6.02E-04	5.77E-04	5.80E-04	5.69E-04	5.55E-04	5.47E-04	5.91E-04	5.89E-04	6.06E-04	6.22E-04	1.66E-05	1.53E-05
0800 - 0900	1.03E-04	1.02E-04	1.02E-04	9.90E-05	9.91E-05	9.73E-05	9.63E-05	9.53E-05	1.01E-04	1.00E-04	1.03E-04	1.05E-04	5.22E-04	5.11E-04	5.14E-04	4.92E-04	4.92E-04	4.81E-04	4.76E-04	4.69E-04	5.03E-04	5.00E-04	5.15E-04	5.31E-04	1.39E-05	1.28E-05
0900 - 1000	1.16E-04	1.13E-04	1.14E-04	1.11E-04	1.11E-04	1.09E-04	1.08E-04	1.07E-04	1.13E-04	1.12E-04	1.15E-04	1.17E-04	5.03E-04	4.91E-04	4.95E-04	4.76E-04	4.77E-04	4.66E-04	4.63E-04	4.57E-04	4.87E-04	4.83E-04	4.97E-04	5.11E-04	1.30E-05	1.20E-05
1000 - 1100	1.52E-04	1.49E-04	1.51E-04	1.47E-04	1.47E-04	1.44E-04	1.44E-04	1.43E-04	1.49E-04	1.48E-04	1.51E-04	1.54E-04	6.14E-04	5.92E-04	6.04E-04	5.83E-04	5.84E-04	5.69E-04	5.69E-04	5.68E-04	5.94E-04	5.91E-04	6.06E-04	6.19E-04	1.60E-05	1.47E-05
1100 - 1200	1.52E-04	1.47E-04	1.51E-04	1.47E-04	1.47E-04	1.43E-04	1.44E-04	1.43E-04	1.48E-04	1.48E-04	1.51E-04	1.53E-04	5.79E-04	5.57E-04	5.73E-04	5.53E-04	5.53E-04	5.35E-04	5.40E-04	5.38E-04	5.61E-04	5.59E-04	5.72E-04	5.87E-04	1.51E-05	1.39E-05
1200 - 1300	1.45E-04	1.41E-04	1.44E-04	1.40E-04	1.41E-04	1.36E-04	1.38E-04	1.37E-04	1.42E-04	1.42E-04	1.44E-04	1.47E-04	5.91E-04	5.68E-04	5.83E-04	5.62E-04	5.67E-04	5.44E-04	5.52E-04	5.50E-04	5.72E-04	5.70E-04	5.81E-04	5.97E-04	1.55E-05	1.43E-05
1300 - 1400	1.33E-04	1.29E-04	1.31E-04	1.28E-04	1.29E-04	1.26E-04	1.26E-04	1.27E-04	1.30E-04	1.29E-04	1.31E-04	1.34E-04	5.67E-04	5.44E-04	5.59E-04	5.40E-04	5.44E-04	5.30E-04	5.28E-04	5.33E-04	5.50E-04	5.43E-04	5.53E-04	5.74E-04	1.46E-05	1.34E-05
1400 - 1500	1.53E-04	1.48E-04	1.51E-04	1.48E-04	1.49E-04	1.46E-04	1.45E-04	1.45E-04	1.50E-04	1.49E-04	1.51E-04	1.54E-04	6.17E-04	5.96E-04	6.10E-04	5.93E-04	5.96E-04	5.85E-04	5.80E-04	5.81E-04	6.03E-04	5.96E-04	6.07E-04	6.26E-04	1.62E-05	1.49E-05
1500 - 1600	1.50E-04	1.45E-04	1.48E-04	1.45E-04	1.46E-04	1.44E-04	1.43E-04	1.44E-04	1.47E-04	1.46E-04	1.48E-04	1.52E-04	5.76E-04	5.53E-04	5.64E-04	5.49E-04	5.56E-04	5.45E-04	5.42E-04	5.44E-04	5.62E-04	5.57E-04	5.64E-04	5.86E-04	1.52E-05	1.40E-05
1600 - 1700	1.36E-04	1.32E-04	1.34E-04	1.31E-04	1.32E-04	1.29E-04	1.30E-04	1.30E-04	1.34E-04	1.33E-04	1.35E-04	1.38E-04	5.44E-04	5.23E-04	5.34E-04	5.18E-04	5.23E-04	5.06E-04	5.10E-04	5.14E-04	5.32E-04	5.25E-04	5.34E-04	5.54E-04	1.41E-05	1.30E-05
1700 - 1800	1.04E-04	1.01E-04	1.02E-04	1.00E-04	1.01E-04	9.79E-05	9.84E-05	9.79E-05	1.02E-04	1.01E-04	1.03E-04	1.05E-04	4.76E-04	4.56E-04	4.65E-04	4.52E-04	4.57E-04	4.39E-04	4.42E-04	4.39E-04	4.64E-04	4.55E-04	4.70E-04	4.85E-04	1.28E-05	1.18E-05
1800 - 1900	1.04E-04	1.01E-04	1.02E-04	1.00E-04	1.00E-04	9.62E-05	9.74E-05	9.77E-05	1.03E-04	1.01E-04	1.04E-04	1.05E-04	4.66E-04	4.45E-04	4.52E-04	4.40E-04	4.42E-04	4.20E-04	4.26E-04	4.27E-04	4.54E-04	4.42E-04	4.60E-04	4.71E-04	1.28E-05	1.17E-05
1900 - 2000	5.56E-05	5.43E-05	5.39E-05	5.30E-05	5.28E-05	5.12E-05	5.11E-05	5.18E-05	5.45E-05	5.32E-05	5.53E-05	5.64E-05	3.30E-04	3.19E-04	3.16E-04	3.07E-04	3.06E-04	2.94E-04	2.93E-04	2.98E-04	3.18E-04	3.08E-04	3.25E-04	3.36E-04	9.36E-06	8.58E-06
2000 - 2100	5.04E-05	4.91E-05	4.89E-05	4.79E-05	4.81E-05	4.69E-05	4.60E-05	4.68E-05	4.96E-05	4.83E-05	5.00E-05	5.11E-05	3.25E-04	3.13E-04	3.11E-04	3.01E-04	3.02E-04	2.92E-04	2.85E-04	2.92E-04	3.14E-04	3.03E-04	3.19E-04	3.30E-04	8.69E-06	7.96E-06
2100 - 2200	3.32E-05	3.22E-05	3.21E-05	3.14E-05	3.14E-05	3.04E-05	3.03E-05	3.09E-05	3.25E-05	3.18E-05	3.28E-05	3.36E-05	2.73E-04	2.62E-04	2.61E-04	2.53E-04	2.53E-04	2.42E-04	2.42E-04	2.48E-04	2.64E-04	2.57E-04	2.68E-04	2.78E-04	7.36E-06	6.74E-06
2200 - 2300	2.64E-05	2.56E-05	2.55E-05	2.50E-05	2.48E-05	2.40E-05	2.42E-05	2.50E-05	2.56E-05	2.55E-05	2.61E-05	2.67E-05	2.10E-04	2.00E-04	1.98E-04	1.92E-04	1.89E-04	1.81E-04	1.83E-04	1.91E-04	1.98E-04	1.96E-04	2.04E-04	2.14E-04	5.26E-06	4.82E-06
2300 - 2400	1.86E-05	1.79E-05	1.79E-05	1.75E-05	1.74E-05	1.66E-05	1.69E-05	1.72E-05	1.79E-05	1.81E-05	1.83E-05	1.87E-05	1.84E-04	1.75E-04	1.75E-04	1.70E-04	1.69E-04	1.59E-04	1.62E-04	1.66E-04	1.74E-04	1.76E-04	1.80E-04	1.86E-04	4.77E-06	4.37E-06
max:	1.53E-04	1.49E-04	1.51E-04	1.48E-04	1.49E-04	1.46E-04	1.45E-04	1.45E-04	1.50E-04	1.49E-04	1.51E-04	1.54E-04	6.17E-04	6.03E-04	6.10E-04	5.93E-04	5.96E-04	5.85E-04	5.80E-04	5.81E-04	6.03E-04	5.96E-04	6.07E-04	6.26E-04	1.66E-05	1.53E-05

Appendix 5.5

Input Parameters of Bus Terminus and Public Transport Interchanges in AERMOD



Appendix: 5.5a	RAMBOLL
Title: Public Transport Interchange Emission Sources - Siu Hong Court Bus Terminus	Drawn by: AW
	Checked by: BF
Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun	Rev.: 1.1
	Date: Feb 2026

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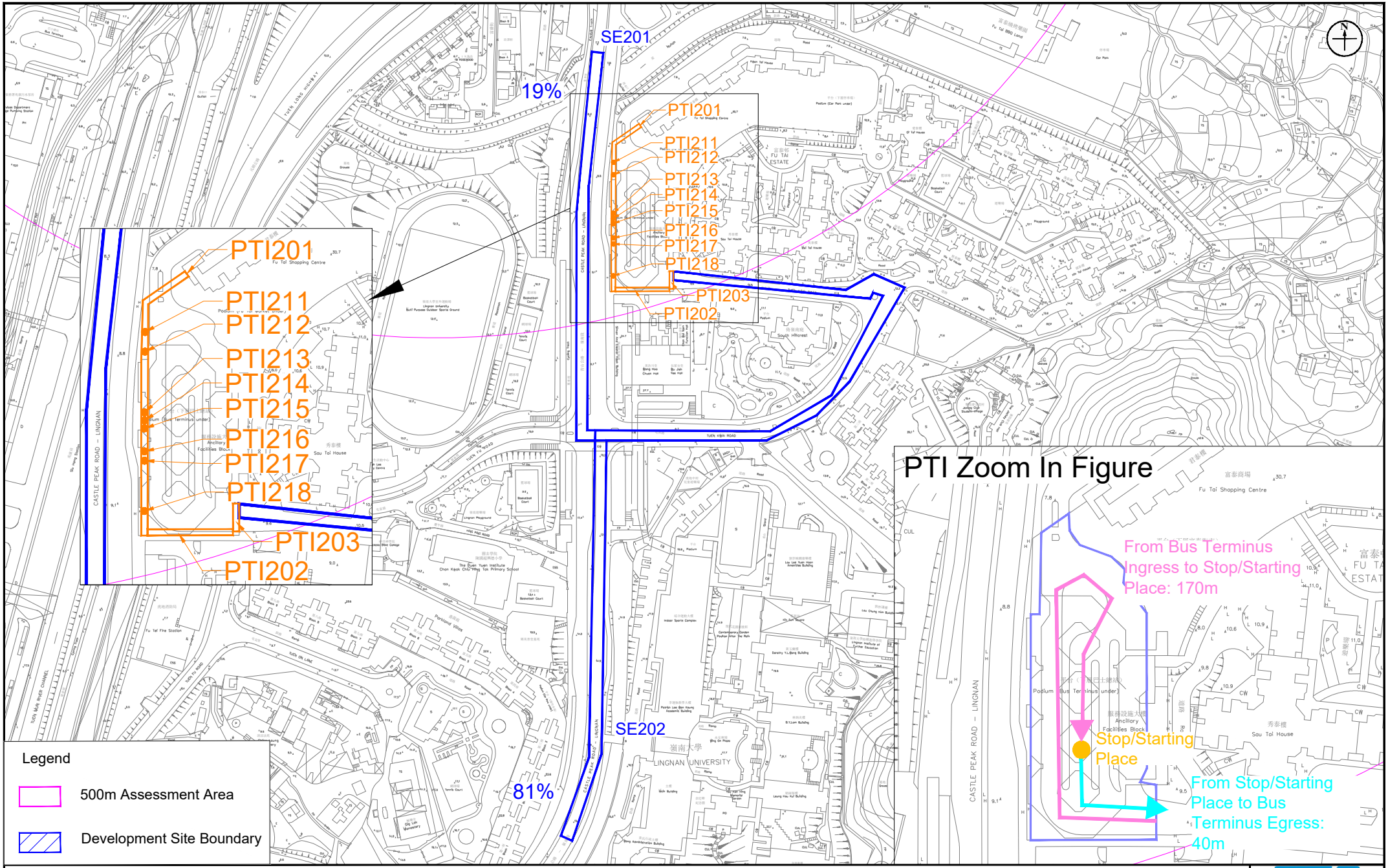

Appendix: 5.5b

Title: Public Transport Interchange Emission Sources - Fu Tai Estate Bus Terminus (Franchised Bus)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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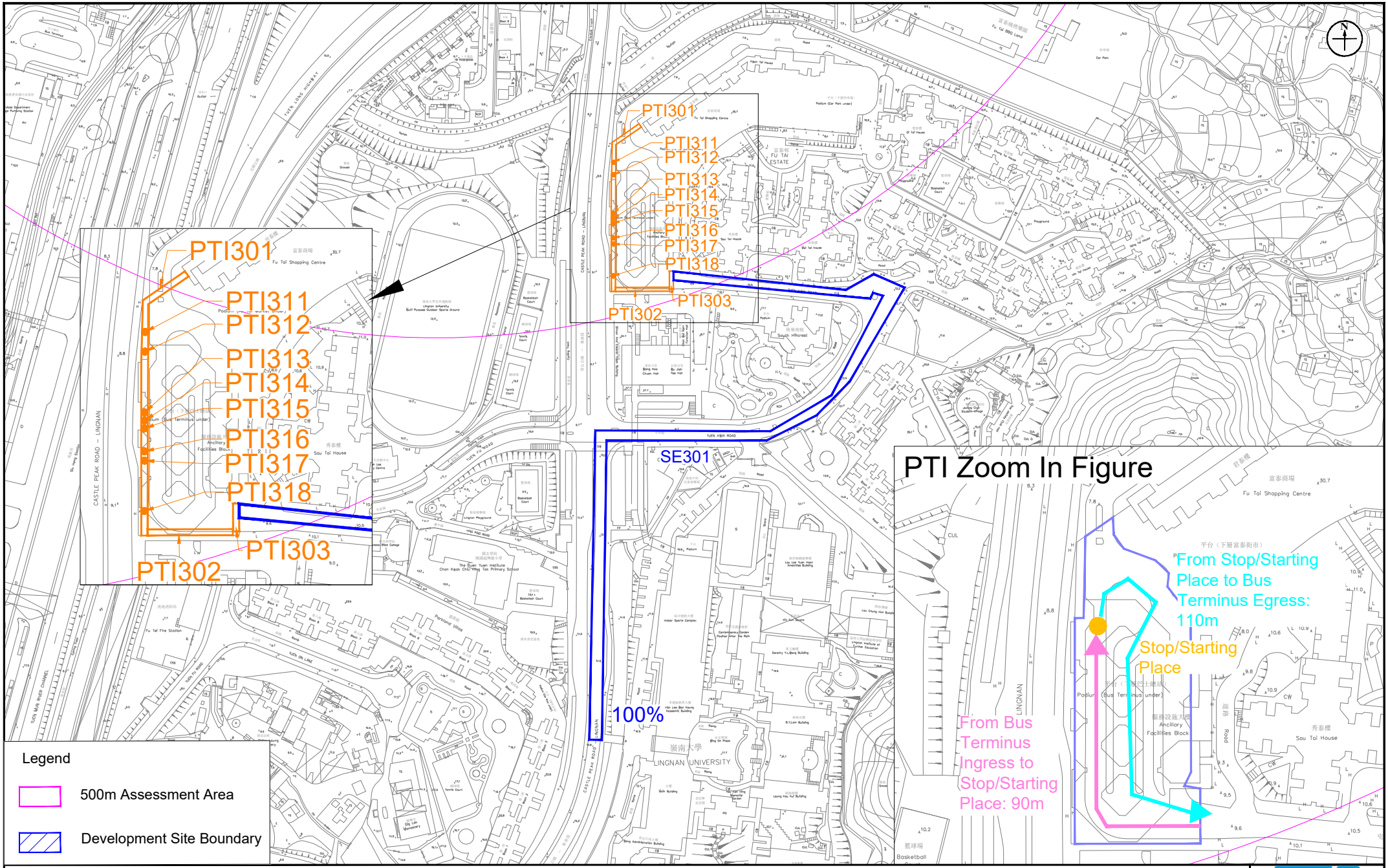

Appendix: 5.5c

Title: Public Transport Interchange Emission Sources - Fu Tai Estate Public Light Bus Terminus (Diesel)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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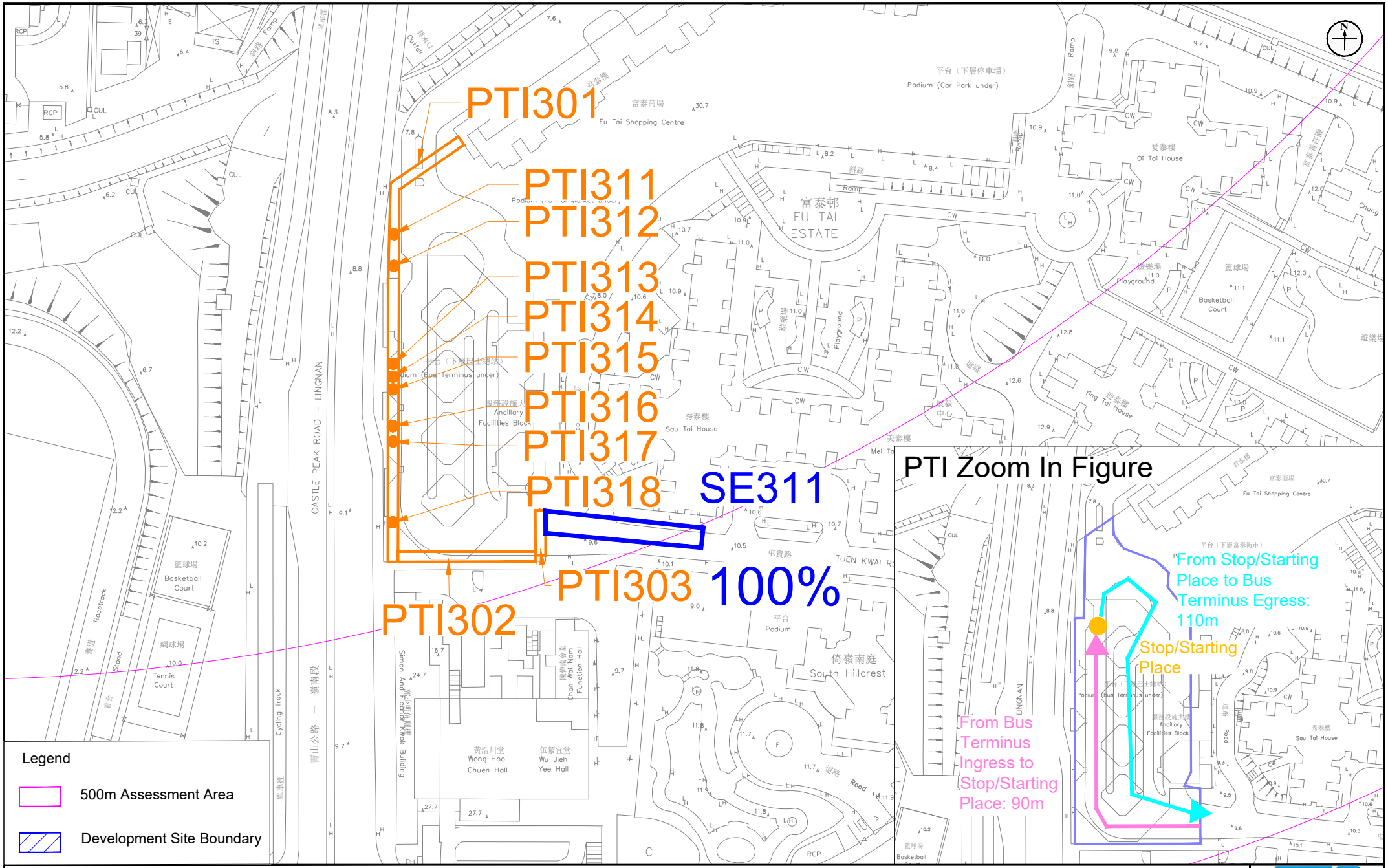

Appendix: 5.5d

Title: Public Transport Interchange Emission Sources - Fu Tai Estate Public Light Bus Terminus (LPG)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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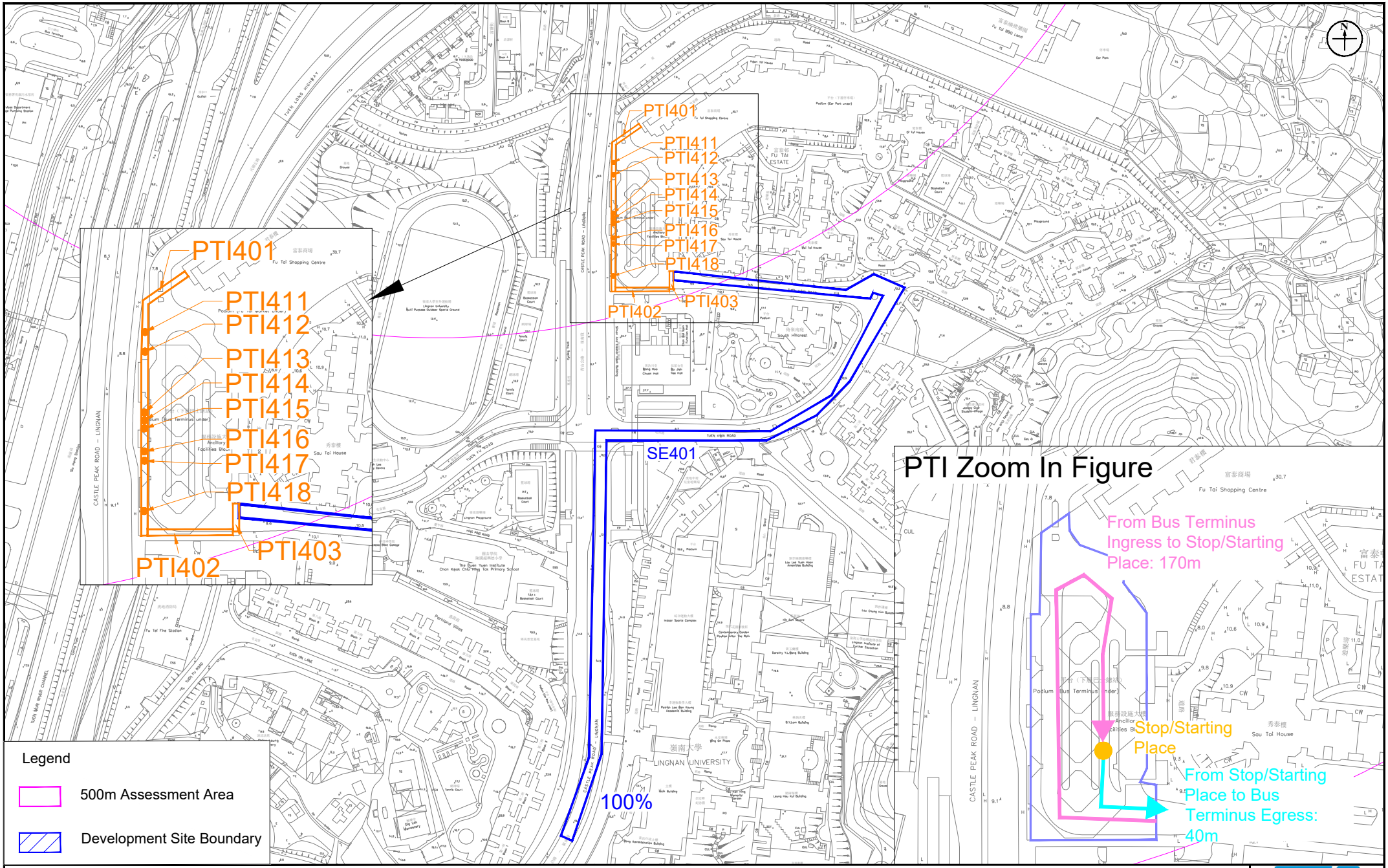

Appendix: 5.5e

Title: Public Transport Interchange Emission Sources - Fu Tai Estate Bus Terminus (Non-Franchised Bus)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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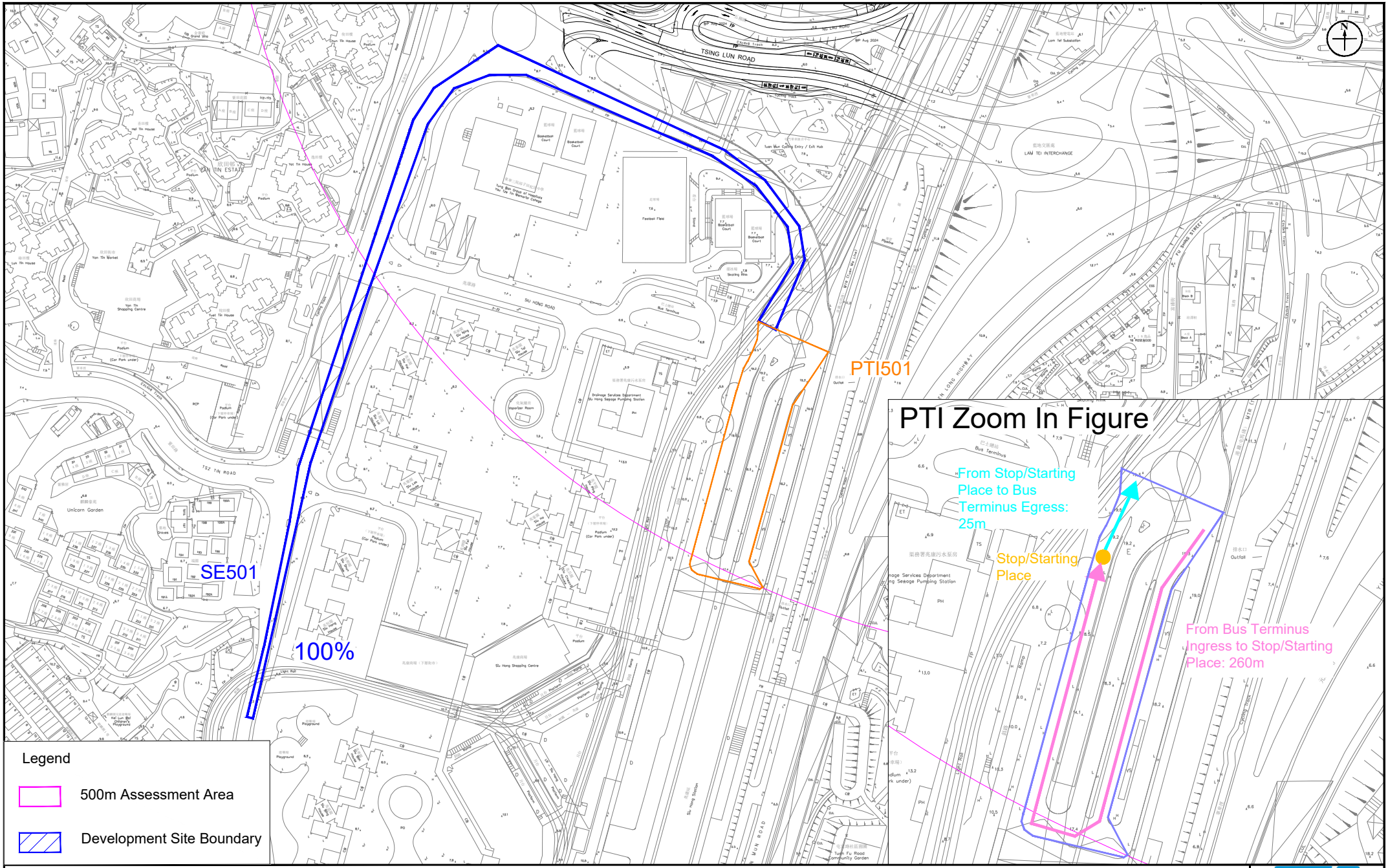

Appendix: 5.5f

Title: Public Transport Interchange Emission Sources - Siu Hong Station (North) Bus Terminus (Franchised Bus)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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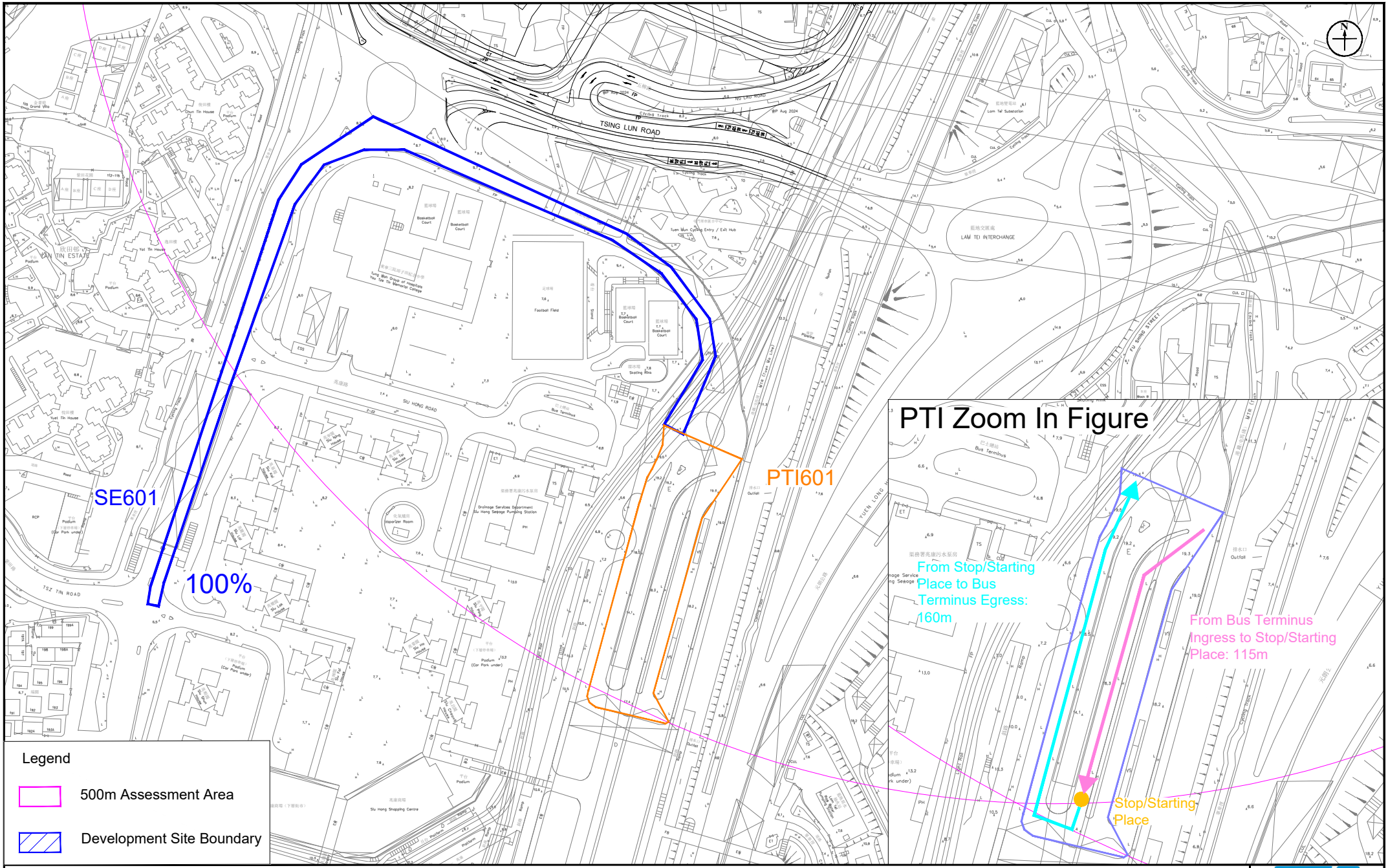

Appendix: 5.5g

Title: Public Transport Interchange Emission Sources - Siu Hong Station (North) Public Light Bus Terminus (Diesel)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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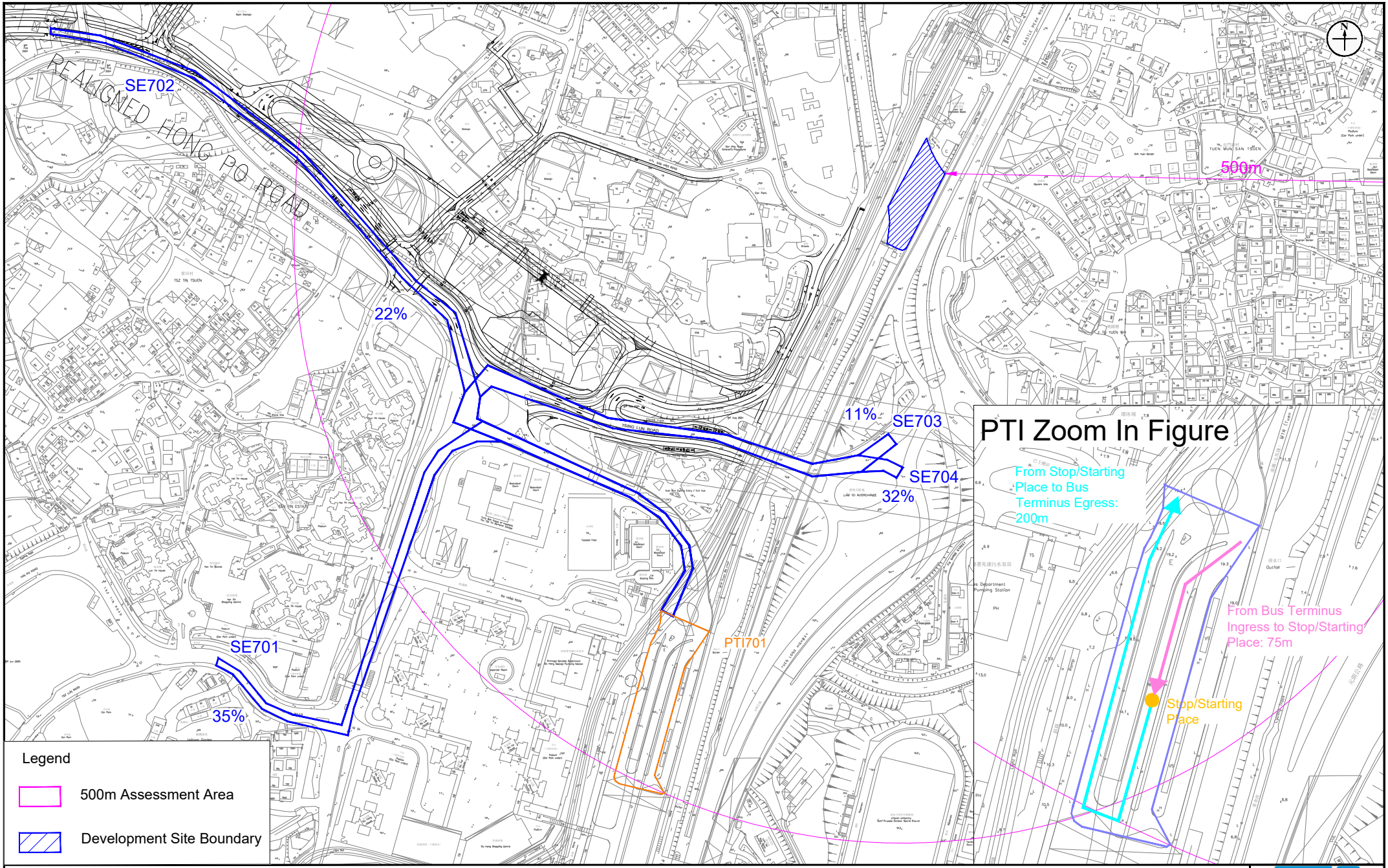


Appendix: 5.5h

Title: Public Transport Interchange Emission Sources - Siu Hong Station (North) Bus Terminus (Non-Franchised Bus)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

Q:\Projects\ASLLT130EI00\05 Assessments\01 Air\10 PTI\LT_PTI_v2.0.dwg

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q1)

Siu Hong Court Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Court Bus Terminus									
Siu Hong Court Bus Terminus	SE101	AREAPOLY	815901.9	830543.2	7.7	3.74	3.48	1.38E-06	1.26E-07
			815899.8	830535.9					
			815695.3	830591.2					
			815726.2	830684.0					
			815759.1	830726.4					
			815764.2	830741.5					
			815783.4	830764.4					
			815884.6	830719.9					
			815985.9	830705.4					
			816053.9	830682.1					
			816051.6	830673.9					
			816043.8	830675.3					
			815974.4	830701.3					
			815888.6	830711.2					
			815786.7	830746.4					
			815777.1	830737.5					
			815764.8	830711.7					
			815742.0	830692.4					
			815730.2	830674.3					
			815705.2	830598.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q1)

Siu Hong Court Bus Terminus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.65E-03	2.43E-03	2.21E-04	0.00E+00	0.00E+00
0600 - 0700	4.17E-03	3.82E-03	3.47E-04	0.00E+00	0.00E+00
0700 - 0800	9.09E-03	8.33E-03	7.58E-04	0.00E+00	0.00E+00
0800 - 0900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
0900 - 1000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1000 - 1100	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1100 - 1200	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1200 - 1300	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1300 - 1400	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1400 - 1500	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1500 - 1600	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1600 - 1700	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1700 - 1800	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1800 - 1900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1900 - 2000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
2000 - 2100	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2200 - 2300	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2300 - 2400	2.27E-03	2.08E-03	1.90E-04	0.00E+00	0.00E+00
	max:	8.3E-03	7.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2917	0.2917
0600 - 0700	0.4583	0.4583
0700 - 0800	1.0000	1.0000
0800 - 0900	0.5417	0.5417
0900 - 1000	0.3750	0.3750
1000 - 1100	0.3750	0.3750
1100 - 1200	0.3750	0.3750
1200 - 1300	0.3750	0.3750
1300 - 1400	0.3750	0.3750
1400 - 1500	0.3750	0.3750
1500 - 1600	0.3750	0.3750
1600 - 1700	0.3750	0.3750
1700 - 1800	0.5417	0.5417
1800 - 1900	0.5417	0.5417
1900 - 2000	0.3750	0.3750
2000 - 2100	0.3333	0.3333
2100 - 2200	0.3333	0.3333
2200 - 2300	0.3333	0.3333
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q2)

Siu Hong Court Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Court Bus Terminus									
Siu Hong Court Bus Terminus	SE101	AREAPOLY	815901.9	830543.2	7.7	3.74	3.48	1.38E-06	1.26E-07
			815899.8	830535.9					
			815695.3	830591.2					
			815726.2	830684.0					
			815759.1	830726.4					
			815764.2	830741.5					
			815783.4	830764.4					
			815884.6	830719.9					
			815985.9	830705.4					
			816053.9	830682.1					
			816051.6	830673.9					
			816043.8	830675.3					
			815974.4	830701.3					
			815888.6	830711.2					
			815786.7	830746.4					
			815777.1	830737.5					
			815764.8	830711.7					
			815742.0	830692.4					
			815730.2	830674.3					
			815705.2	830598.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q2)

Siu Hong Court Bus Terminus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.65E-03	2.43E-03	2.21E-04	0.00E+00	0.00E+00
0600 - 0700	4.17E-03	3.82E-03	3.47E-04	0.00E+00	0.00E+00
0700 - 0800	9.09E-03	8.33E-03	7.58E-04	0.00E+00	0.00E+00
0800 - 0900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
0900 - 1000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1000 - 1100	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1100 - 1200	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1200 - 1300	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1300 - 1400	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1400 - 1500	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1500 - 1600	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1600 - 1700	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1700 - 1800	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1800 - 1900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1900 - 2000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
2000 - 2100	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2200 - 2300	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2300 - 2400	2.27E-03	2.08E-03	1.90E-04	0.00E+00	0.00E+00
	max:	8.3E-03	7.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2917	0.2917
0600 - 0700	0.4583	0.4583
0700 - 0800	1.0000	1.0000
0800 - 0900	0.5417	0.5417
0900 - 1000	0.3750	0.3750
1000 - 1100	0.3750	0.3750
1100 - 1200	0.3750	0.3750
1200 - 1300	0.3750	0.3750
1300 - 1400	0.3750	0.3750
1400 - 1500	0.3750	0.3750
1500 - 1600	0.3750	0.3750
1600 - 1700	0.3750	0.3750
1700 - 1800	0.5417	0.5417
1800 - 1900	0.5417	0.5417
1900 - 2000	0.3750	0.3750
2000 - 2100	0.3333	0.3333
2100 - 2200	0.3333	0.3333
2200 - 2300	0.3333	0.3333
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q3)

Siu Hong Court Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Court Bus Terminus									
Siu Hong Court Bus Terminus	SE101	AREAPOLY	815901.9	830543.2	7.7	3.74	3.48	1.38E-06	1.26E-07
			815899.8	830535.9					
			815695.3	830591.2					
			815726.2	830684.0					
			815759.1	830726.4					
			815764.2	830741.5					
			815783.4	830764.4					
			815884.6	830719.9					
			815985.9	830705.4					
			816053.9	830682.1					
			816051.6	830673.9					
			816043.8	830675.3					
			815974.4	830701.3					
			815888.6	830711.2					
			815786.7	830746.4					
			815777.1	830737.5					
			815764.8	830711.7					
			815742.0	830692.4					
			815730.2	830674.3					
			815705.2	830598.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q3)

Siu Hong Court Bus Terminus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.65E-03	2.43E-03	2.21E-04	0.00E+00	0.00E+00
0600 - 0700	4.17E-03	3.82E-03	3.47E-04	0.00E+00	0.00E+00
0700 - 0800	9.09E-03	8.33E-03	7.58E-04	0.00E+00	0.00E+00
0800 - 0900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
0900 - 1000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1000 - 1100	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1100 - 1200	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1200 - 1300	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1300 - 1400	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1400 - 1500	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1500 - 1600	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1600 - 1700	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1700 - 1800	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1800 - 1900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1900 - 2000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
2000 - 2100	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2200 - 2300	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2300 - 2400	2.27E-03	2.08E-03	1.90E-04	0.00E+00	0.00E+00
	max:	8.3E-03	7.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2917	0.2917
0600 - 0700	0.4583	0.4583
0700 - 0800	1.0000	1.0000
0800 - 0900	0.5417	0.5417
0900 - 1000	0.3750	0.3750
1000 - 1100	0.3750	0.3750
1100 - 1200	0.3750	0.3750
1200 - 1300	0.3750	0.3750
1300 - 1400	0.3750	0.3750
1400 - 1500	0.3750	0.3750
1500 - 1600	0.3750	0.3750
1600 - 1700	0.3750	0.3750
1700 - 1800	0.5417	0.5417
1800 - 1900	0.5417	0.5417
1900 - 2000	0.3750	0.3750
2000 - 2100	0.3333	0.3333
2100 - 2200	0.3333	0.3333
2200 - 2300	0.3333	0.3333
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q4)

Siu Hong Court Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Court Bus Terminus									
Siu Hong Court Bus Terminus	SE101	AREAPOLY	815901.9	830543.2	7.7	3.74	3.48	1.38E-06	1.26E-07
			815899.8	830535.9					
			815695.3	830591.2					
			815726.2	830684.0					
			815759.1	830726.4					
			815764.2	830741.5					
			815783.4	830764.4					
			815884.6	830719.9					
			815985.9	830705.4					
			816053.9	830682.1					
			816051.6	830673.9					
			816043.8	830675.3					
			815974.4	830701.3					
			815888.6	830711.2					
			815786.7	830746.4					
			815777.1	830737.5					
			815764.8	830711.7					
			815742.0	830692.4					
			815730.2	830674.3					
			815705.2	830598.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Court Bus Terminus (Year 2031 - Q4)

Siu Hong Court Bus Terminus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.65E-03	2.43E-03	2.21E-04	0.00E+00	0.00E+00
0600 - 0700	4.17E-03	3.82E-03	3.47E-04	0.00E+00	0.00E+00
0700 - 0800	9.09E-03	8.33E-03	7.58E-04	0.00E+00	0.00E+00
0800 - 0900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
0900 - 1000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1000 - 1100	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1100 - 1200	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1200 - 1300	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1300 - 1400	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1400 - 1500	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1500 - 1600	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1600 - 1700	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
1700 - 1800	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1800 - 1900	4.92E-03	4.51E-03	4.11E-04	0.00E+00	0.00E+00
1900 - 2000	3.41E-03	3.12E-03	2.84E-04	0.00E+00	0.00E+00
2000 - 2100	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2200 - 2300	3.03E-03	2.78E-03	2.53E-04	0.00E+00	0.00E+00
2300 - 2400	2.27E-03	2.08E-03	1.90E-04	0.00E+00	0.00E+00
	max:	8.3E-03	7.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2917	0.2917
0600 - 0700	0.4583	0.4583
0700 - 0800	1.0000	1.0000
0800 - 0900	0.5417	0.5417
0900 - 1000	0.3750	0.3750
1000 - 1100	0.3750	0.3750
1100 - 1200	0.3750	0.3750
1200 - 1300	0.3750	0.3750
1300 - 1400	0.3750	0.3750
1400 - 1500	0.3750	0.3750
1500 - 1600	0.3750	0.3750
1600 - 1700	0.3750	0.3750
1700 - 1800	0.5417	0.5417
1800 - 1900	0.5417	0.5417
1900 - 2000	0.3750	0.3750
2000 - 2100	0.3333	0.3333
2100 - 2200	0.3333	0.3333
2200 - 2300	0.3333	0.3333
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange									
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE201	AREAPOLY	816290.0	830405.5	10.85	3.74	3.48	1.16E-07	1.06E-08
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816225.3	830293.0					
			816225.6	830445.6					
			816235.8	830551.8					
			816243.5	830550.9					
			816233.7	830462.9					
			816232.6	830299.7					
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE202	AREAPOLY	816238.1	830299.6	12.81	3.74	3.48	4.76E-07	4.33E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	3.73E-04	3.42E-04	3.11E-05	0.00E+00	0.00E+00
0200 - 0300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0300 - 0400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0400 - 0500	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
0500 - 0600	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0600 - 0700	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0700 - 0800	2.99E-03	2.74E-03	2.49E-04	0.00E+00	0.00E+00
0800 - 0900	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0900 - 1000	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1000 - 1100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1100 - 1200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1200 - 1300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1300 - 1400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1400 - 1500	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1500 - 1600	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1600 - 1700	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1800 - 1900	2.24E-03	2.05E-03	1.87E-04	0.00E+00	0.00E+00
1900 - 2000	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
2000 - 2100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2100 - 2200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2200 - 2300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2300 - 2400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
	max:	2.7E-03	2.5E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.1250	0.1250
0200 - 0300	0.2500	0.2500
0300 - 0400	0.2500	0.2500
0400 - 0500	0.5000	0.5000
0500 - 0600	0.3750	0.3750
0600 - 0700	0.3750	0.3750
0700 - 0800	1.0000	1.0000
0800 - 0900	0.3750	0.3750
0900 - 1000	0.2500	0.2500
1000 - 1100	0.2500	0.2500
1100 - 1200	0.2500	0.2500
1200 - 1300	0.2500	0.2500
1300 - 1400	0.2500	0.2500
1400 - 1500	0.2500	0.2500
1500 - 1600	0.2500	0.2500
1600 - 1700	0.2500	0.2500
1700 - 1800	0.2500	0.2500
1800 - 1900	0.7500	0.7500
1900 - 2000	0.5000	0.5000
2000 - 2100	0.2500	0.2500
2100 - 2200	0.2500	0.2500
2200 - 2300	0.2500	0.2500
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange									
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE201	AREAPOLY	816290.0	830405.5	10.85	3.74	3.48	1.16E-07	1.06E-08
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816225.3	830293.0					
			816225.6	830445.6					
			816235.8	830551.8					
			816243.5	830550.9					
			816233.7	830462.9					
			816232.6	830299.7					
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE202	AREAPOLY	816238.1	830299.6	12.81	3.74	3.48	4.76E-07	4.33E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	3.73E-04	3.42E-04	3.11E-05	0.00E+00	0.00E+00
0200 - 0300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0300 - 0400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0400 - 0500	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
0500 - 0600	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0600 - 0700	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0700 - 0800	2.99E-03	2.74E-03	2.49E-04	0.00E+00	0.00E+00
0800 - 0900	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0900 - 1000	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1000 - 1100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1100 - 1200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1200 - 1300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1300 - 1400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1400 - 1500	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1500 - 1600	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1600 - 1700	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1800 - 1900	2.24E-03	2.05E-03	1.87E-04	0.00E+00	0.00E+00
1900 - 2000	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
2000 - 2100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2100 - 2200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2200 - 2300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2300 - 2400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
	max:	2.7E-03	2.5E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.1250	0.1250
0200 - 0300	0.2500	0.2500
0300 - 0400	0.2500	0.2500
0400 - 0500	0.5000	0.5000
0500 - 0600	0.3750	0.3750
0600 - 0700	0.3750	0.3750
0700 - 0800	1.0000	1.0000
0800 - 0900	0.3750	0.3750
0900 - 1000	0.2500	0.2500
1000 - 1100	0.2500	0.2500
1100 - 1200	0.2500	0.2500
1200 - 1300	0.2500	0.2500
1300 - 1400	0.2500	0.2500
1400 - 1500	0.2500	0.2500
1500 - 1600	0.2500	0.2500
1600 - 1700	0.2500	0.2500
1700 - 1800	0.2500	0.2500
1800 - 1900	0.7500	0.7500
1900 - 2000	0.5000	0.5000
2000 - 2100	0.2500	0.2500
2100 - 2200	0.2500	0.2500
2200 - 2300	0.2500	0.2500
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange									
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE201	AREAPOLY	816290.0	830405.5	10.85	3.74	3.48	1.16E-07	1.06E-08
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816225.3	830293.0					
			816225.6	830445.6					
			816235.8	830551.8					
			816243.5	830550.9					
			816233.7	830462.9					
			816232.6	830299.7					
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE202	AREAPOLY	816238.1	830299.6	12.81	3.74	3.48	4.76E-07	4.33E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	3.73E-04	3.42E-04	3.11E-05	0.00E+00	0.00E+00
0200 - 0300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0300 - 0400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0400 - 0500	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
0500 - 0600	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0600 - 0700	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0700 - 0800	2.99E-03	2.74E-03	2.49E-04	0.00E+00	0.00E+00
0800 - 0900	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0900 - 1000	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1000 - 1100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1100 - 1200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1200 - 1300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1300 - 1400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1400 - 1500	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1500 - 1600	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1600 - 1700	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1800 - 1900	2.24E-03	2.05E-03	1.87E-04	0.00E+00	0.00E+00
1900 - 2000	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
2000 - 2100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2100 - 2200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2200 - 2300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2300 - 2400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
	max:	2.7E-03	2.5E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.1250	0.1250
0200 - 0300	0.2500	0.2500
0300 - 0400	0.2500	0.2500
0400 - 0500	0.5000	0.5000
0500 - 0600	0.3750	0.3750
0600 - 0700	0.3750	0.3750
0700 - 0800	1.0000	1.0000
0800 - 0900	0.3750	0.3750
0900 - 1000	0.2500	0.2500
1000 - 1100	0.2500	0.2500
1100 - 1200	0.2500	0.2500
1200 - 1300	0.2500	0.2500
1300 - 1400	0.2500	0.2500
1400 - 1500	0.2500	0.2500
1500 - 1600	0.2500	0.2500
1600 - 1700	0.2500	0.2500
1700 - 1800	0.2500	0.2500
1800 - 1900	0.7500	0.7500
1900 - 2000	0.5000	0.5000
2000 - 2100	0.2500	0.2500
2100 - 2200	0.2500	0.2500
2200 - 2300	0.2500	0.2500
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange									
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE201	AREAPOLY	816290.0	830405.5	10.85	3.74	3.48	1.16E-07	1.06E-08
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816225.3	830293.0					
			816225.6	830445.6					
			816235.8	830551.8					
			816243.5	830550.9					
			816233.7	830462.9					
			816232.6	830299.7					
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
Fu Tai Estate Public Transport Interchange - Franchised Bus	SE202	AREAPOLY	816238.1	830299.6	12.81	3.74	3.48	4.76E-07	4.33E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	3.73E-04	3.42E-04	3.11E-05	0.00E+00	0.00E+00
0200 - 0300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0300 - 0400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
0400 - 0500	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
0500 - 0600	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0600 - 0700	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0700 - 0800	2.99E-03	2.74E-03	2.49E-04	0.00E+00	0.00E+00
0800 - 0900	1.12E-03	1.03E-03	9.33E-05	0.00E+00	0.00E+00
0900 - 1000	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1000 - 1100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1100 - 1200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1200 - 1300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1300 - 1400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1400 - 1500	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1500 - 1600	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1600 - 1700	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
1800 - 1900	2.24E-03	2.05E-03	1.87E-04	0.00E+00	0.00E+00
1900 - 2000	1.49E-03	1.37E-03	1.24E-04	0.00E+00	0.00E+00
2000 - 2100	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2100 - 2200	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2200 - 2300	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
2300 - 2400	7.46E-04	6.84E-04	6.22E-05	0.00E+00	0.00E+00
	max:	2.7E-03	2.5E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.1250	0.1250
0200 - 0300	0.2500	0.2500
0300 - 0400	0.2500	0.2500
0400 - 0500	0.5000	0.5000
0500 - 0600	0.3750	0.3750
0600 - 0700	0.3750	0.3750
0700 - 0800	1.0000	1.0000
0800 - 0900	0.3750	0.3750
0900 - 1000	0.2500	0.2500
1000 - 1100	0.2500	0.2500
1100 - 1200	0.2500	0.2500
1200 - 1300	0.2500	0.2500
1300 - 1400	0.2500	0.2500
1400 - 1500	0.2500	0.2500
1500 - 1600	0.2500	0.2500
1600 - 1700	0.2500	0.2500
1700 - 1800	0.2500	0.2500
1800 - 1900	0.7500	0.7500
1900 - 2000	0.5000	0.5000
2000 - 2100	0.2500	0.2500
2100 - 2200	0.2500	0.2500
2200 - 2300	0.2500	0.2500
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Fu Tai Estate Public Transport Interchange - PLB (Diesel)	SE301	AREAPOLY	816238.1	830299.6	12.03	2.55	2.37	4.21E-08	1.64E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.3	830093.4					
			816234.0	830093.6					
Fu Tai Estate Public Transport Interchange - PLB (LPG)	SE311	AREAPOLY	816331.4	830401.0	9.60	2.55	2.37	3.75E-06	1.88E-08
			816290.0	830405.5					
			816290.1	830399.7					
			816330.9	830395.8					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
	max:	1.7E-04	6.8E-05	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.5556	0.5556
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange - PLB (LPG)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.86E-04	2.85E-04	1.43E-06	0.00E+00	0.00E+00
0600 - 0700	2.86E-04	2.85E-04	1.43E-06	0.00E+00	0.00E+00
0700 - 0800	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
0800 - 0900	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
0900 - 1000	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1000 - 1100	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1100 - 1200	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1200 - 1300	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1300 - 1400	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1400 - 1500	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1500 - 1600	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1600 - 1700	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1700 - 1800	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1800 - 1900	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1900 - 2000	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2000 - 2100	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2100 - 2200	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2200 - 2300	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
2300 - 2400	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
	max:	8.5E-04	4.3E-06	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.3333	0.3333
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Fu Tai Estate Public Transport Interchange - PLB (Diesel)	SE301	AREAPOLY	816238.1	830299.6	12.03	2.55	2.37	4.21E-08	1.64E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.3	830093.4					
			816234.0	830093.6					
Fu Tai Estate Public Transport Interchange - PLB (LPG)	SE311	AREAPOLY	816331.4	830401.0	9.60	2.55	2.37	3.38E-06	1.70E-08
			816290.0	830405.5					
			816290.1	830399.7					
			816330.9	830395.8					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
	max:	1.7E-04	6.8E-05	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.5556	0.5556
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange - PLB (LPG)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.58E-04	2.57E-04	1.29E-06	0.00E+00	0.00E+00
0600 - 0700	2.58E-04	2.57E-04	1.29E-06	0.00E+00	0.00E+00
0700 - 0800	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
0800 - 0900	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
0900 - 1000	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1000 - 1100	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1100 - 1200	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1200 - 1300	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1300 - 1400	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1400 - 1500	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1500 - 1600	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1600 - 1700	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1700 - 1800	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1800 - 1900	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1900 - 2000	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2000 - 2100	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2100 - 2200	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2200 - 2300	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
2300 - 2400	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
	max:	7.7E-04	3.9E-06	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.3333	0.3333
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Fu Tai Estate Public Transport Interchange - PLB (Diesel)	SE301	AREAPOLY	816238.1	830299.6	12.03	2.55	2.37	4.21E-08	1.64E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.3	830093.4					
			816234.0	830093.6					
Fu Tai Estate Public Transport Interchange - PLB (LPG)	SE311	AREAPOLY	816331.4	830401.0	9.60	2.55	2.37	3.30E-06	1.66E-08
			816290.0	830405.5					
			816290.1	830399.7					
			816330.9	830395.8					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
	max:	1.7E-04	6.8E-05	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.5556	0.5556
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange - PLB (LPG)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.52E-04	2.51E-04	1.26E-06	0.00E+00	0.00E+00
0600 - 0700	2.52E-04	2.51E-04	1.26E-06	0.00E+00	0.00E+00
0700 - 0800	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
0800 - 0900	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
0900 - 1000	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1000 - 1100	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1100 - 1200	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1200 - 1300	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1300 - 1400	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1400 - 1500	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1500 - 1600	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1600 - 1700	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1700 - 1800	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1800 - 1900	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1900 - 2000	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2000 - 2100	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2100 - 2200	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2200 - 2300	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
2300 - 2400	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
	max:	7.5E-04	3.8E-06	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.3333	0.3333
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Fu Tai Estate Public Transport Interchange - PLB (Diesel)	SE301	AREAPOLY	816238.1	830299.6	12.03	2.55	2.37	4.22E-08	1.64E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.3	830093.4					
			816234.0	830093.6					
Fu Tai Estate Public Transport Interchange - PLB (LPG)	SE311	AREAPOLY	816331.4	830401.0	9.60	2.55	2.37	3.84E-06	1.92E-08
			816290.0	830405.5					
			816290.1	830399.7					
			816330.9	830395.8					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
	max:	1.7E-04	6.8E-05	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.5556	0.5556
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange - PLB (LPG)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.93E-04	2.91E-04	1.46E-06	0.00E+00	0.00E+00
0600 - 0700	2.93E-04	2.91E-04	1.46E-06	0.00E+00	0.00E+00
0700 - 0800	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
0800 - 0900	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
0900 - 1000	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1000 - 1100	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1100 - 1200	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1200 - 1300	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1300 - 1400	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1400 - 1500	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1500 - 1600	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1600 - 1700	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1700 - 1800	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1800 - 1900	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1900 - 2000	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2000 - 2100	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2100 - 2200	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2200 - 2300	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
2300 - 2400	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
	max:	8.7E-04	4.4E-06	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.3333	0.3333
0600 - 0700	0.3333	0.3333
0700 - 0800	1.0000	1.0000
0800 - 0900	1.0000	1.0000
0900 - 1000	1.0000	1.0000
1000 - 1100	0.6667	0.6667
1100 - 1200	0.6667	0.6667
1200 - 1300	0.6667	0.6667
1300 - 1400	0.6667	0.6667
1400 - 1500	1.0000	1.0000
1500 - 1600	1.0000	1.0000
1600 - 1700	1.0000	1.0000
1700 - 1800	1.0000	1.0000
1800 - 1900	1.0000	1.0000
1900 - 2000	1.0000	1.0000
2000 - 2100	1.0000	1.0000
2100 - 2200	1.0000	1.0000
2200 - 2300	0.6667	0.6667
2300 - 2400	0.6667	0.6667

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Non-franchised Bus Terminus)									
Fu Tai Estate Public Transport Interchange - NFB	SE401	AREAPOLY	816238.1	830299.6	12.81	3.23	3.00	8.57E-08	4.22E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q1)

Fu Tai Estate Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
	max:	4.0E-04	2.0E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2222	0.2222
0600 - 0700	0.4444	0.4444
0700 - 0800	1.0000	1.0000
0800 - 0900	0.8889	0.8889
0900 - 1000	0.8889	0.8889
1000 - 1100	0.7778	0.7778
1100 - 1200	0.4444	0.4444
1200 - 1300	0.4444	0.4444
1300 - 1400	0.4444	0.4444
1400 - 1500	0.4444	0.4444
1500 - 1600	0.4444	0.4444
1600 - 1700	0.6667	0.6667
1700 - 1800	0.6667	0.6667
1800 - 1900	0.7778	0.7778
1900 - 2000	0.7778	0.7778
2000 - 2100	0.7778	0.7778
2100 - 2200	0.4444	0.4444
2200 - 2300	0.2222	0.2222
2300 - 2400	0.2222	0.2222

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Non-franchised Bus Terminus)									
Fu Tai Estate Public Transport Interchange - NFB	SE401	AREAPOLY	816238.1	830299.6	12.81	3.23	3.00	8.57E-08	4.22E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q2)

Fu Tai Estate Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
	max:	4.0E-04	2.0E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2222	0.2222
0600 - 0700	0.4444	0.4444
0700 - 0800	1.0000	1.0000
0800 - 0900	0.8889	0.8889
0900 - 1000	0.8889	0.8889
1000 - 1100	0.7778	0.7778
1100 - 1200	0.4444	0.4444
1200 - 1300	0.4444	0.4444
1300 - 1400	0.4444	0.4444
1400 - 1500	0.4444	0.4444
1500 - 1600	0.4444	0.4444
1600 - 1700	0.6667	0.6667
1700 - 1800	0.6667	0.6667
1800 - 1900	0.7778	0.7778
1900 - 2000	0.7778	0.7778
2000 - 2100	0.7778	0.7778
2100 - 2200	0.4444	0.4444
2200 - 2300	0.2222	0.2222
2300 - 2400	0.2222	0.2222

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Non-franchised Bus Terminus)									
Fu Tai Estate Public Transport Interchange - NFB	SE401	AREAPOLY	816238.1	830299.6	12.81	3.23	3.00	8.57E-08	4.22E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q3)

Fu Tai Estate Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
	max:	4.0E-04	2.0E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2222	0.2222
0600 - 0700	0.4444	0.4444
0700 - 0800	1.0000	1.0000
0800 - 0900	0.8889	0.8889
0900 - 1000	0.8889	0.8889
1000 - 1100	0.7778	0.7778
1100 - 1200	0.4444	0.4444
1200 - 1300	0.4444	0.4444
1300 - 1400	0.4444	0.4444
1400 - 1500	0.4444	0.4444
1500 - 1600	0.4444	0.4444
1600 - 1700	0.6667	0.6667
1700 - 1800	0.6667	0.6667
1800 - 1900	0.7778	0.7778
1900 - 2000	0.7778	0.7778
2000 - 2100	0.7778	0.7778
2100 - 2200	0.4444	0.4444
2200 - 2300	0.2222	0.2222
2300 - 2400	0.2222	0.2222

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Fu Tai Estate Public Transport Interchange (Non-franchised Bus Terminus)									
Fu Tai Estate Public Transport Interchange - NFB	SE401	AREAPOLY	816238.1	830299.6	12.81	3.23	3.00	8.57E-08	4.22E-08
			816354.4	830299.0					
			816395.2	830322.9					
			816429.6	830389.2					
			816423.1	830391.3					
			816421.0	830387.4					
			816290.1	830399.7					
			816290.0	830405.5					
			816404.7	830393.1					
			816423.6	830403.7					
			816444.0	830394.6					
			816407.2	830331.8					
			816385.1	830309.4					
			816351.9	830292.9					
			816245.6	830292.9					
			816242.2	830083.9					
			816222.6	830026.3					
			816215.1	830029.7					
			816233.8	830081.5					

Emission Inventory for AERMOD Model - Start Emission Outside Fu Tai Estate Public Transport Interchange (Year 2031 - Q4)

Fu Tai Estate Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
	max:	4.0E-04	2.0E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.2222	0.2222
0600 - 0700	0.4444	0.4444
0700 - 0800	1.0000	1.0000
0800 - 0900	0.8889	0.8889
0900 - 1000	0.8889	0.8889
1000 - 1100	0.7778	0.7778
1100 - 1200	0.4444	0.4444
1200 - 1300	0.4444	0.4444
1300 - 1400	0.4444	0.4444
1400 - 1500	0.4444	0.4444
1500 - 1600	0.4444	0.4444
1600 - 1700	0.6667	0.6667
1700 - 1800	0.6667	0.6667
1800 - 1900	0.7778	0.7778
1900 - 2000	0.7778	0.7778
2000 - 2100	0.7778	0.7778
2100 - 2200	0.4444	0.4444
2200 - 2300	0.2222	0.2222
2300 - 2400	0.2222	0.2222

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange - Franchised Bus Terminus									
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	SE501	AREAPOLY	815637.3	830327.8	11.38	3.74	3.48	1.23E-06	1.12E-07
			815670.8	830476.1					
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815658.3	830440.0					
			815643.7	830369.1					
			815633.8	830328.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0600 - 0700	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
0700 - 0800	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
0800 - 0900	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
0900 - 1000	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
1000 - 1100	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
1100 - 1200	3.82E-04	3.50E-04	3.18E-05	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
1500 - 1600	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1600 - 1700	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1700 - 1800	4.20E-03	3.85E-03	3.50E-04	0.00E+00	0.00E+00
1800 - 1900	6.11E-03	5.60E-03	5.09E-04	0.00E+00	0.00E+00
1900 - 2000	4.58E-03	4.20E-03	3.82E-04	0.00E+00	0.00E+00
2000 - 2100	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2100 - 2200	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
2200 - 2300	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2300 - 2400	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
	max:	5.6E-03	5.1E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.1250	0.1250
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.1250	0.1250
0600 - 0700	0.3750	0.3750
0700 - 0800	0.5000	0.5000
0800 - 0900	0.4375	0.4375
0900 - 1000	0.5000	0.5000
1000 - 1100	0.3750	0.3750
1100 - 1200	0.0625	0.0625
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.2500	0.2500
1500 - 1600	0.5625	0.5625
1600 - 1700	0.5625	0.5625
1700 - 1800	0.6875	0.6875
1800 - 1900	1.0000	1.0000
1900 - 2000	0.7500	0.7500
2000 - 2100	0.5000	0.5000
2100 - 2200	0.4375	0.4375
2200 - 2300	0.5000	0.5000
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange - Franchised Bus Terminus									
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	SE501	AREAPOLY	815637.3	830327.8	11.38	3.74	3.48	1.23E-06	1.12E-07
			815670.8	830476.1					
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815658.3	830440.0					
			815643.7	830369.1					
			815633.8	830328.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0600 - 0700	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
0700 - 0800	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
0800 - 0900	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
0900 - 1000	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
1000 - 1100	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
1100 - 1200	3.82E-04	3.50E-04	3.18E-05	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
1500 - 1600	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1600 - 1700	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1700 - 1800	4.20E-03	3.85E-03	3.50E-04	0.00E+00	0.00E+00
1800 - 1900	6.11E-03	5.60E-03	5.09E-04	0.00E+00	0.00E+00
1900 - 2000	4.58E-03	4.20E-03	3.82E-04	0.00E+00	0.00E+00
2000 - 2100	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2100 - 2200	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
2200 - 2300	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2300 - 2400	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
	max:	5.6E-03	5.1E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.1250	0.1250
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.1250	0.1250
0600 - 0700	0.3750	0.3750
0700 - 0800	0.5000	0.5000
0800 - 0900	0.4375	0.4375
0900 - 1000	0.5000	0.5000
1000 - 1100	0.3750	0.3750
1100 - 1200	0.0625	0.0625
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.2500	0.2500
1500 - 1600	0.5625	0.5625
1600 - 1700	0.5625	0.5625
1700 - 1800	0.6875	0.6875
1800 - 1900	1.0000	1.0000
1900 - 2000	0.7500	0.7500
2000 - 2100	0.5000	0.5000
2100 - 2200	0.4375	0.4375
2200 - 2300	0.5000	0.5000
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange - Franchised Bus Terminus									
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	SE501	AREAPOLY	815637.3	830327.8	11.38	3.74	3.48	1.23E-06	1.12E-07
			815670.8	830476.1					
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815658.3	830440.0					
			815643.7	830369.1					
			815633.8	830328.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0600 - 0700	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
0700 - 0800	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
0800 - 0900	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
0900 - 1000	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
1000 - 1100	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
1100 - 1200	3.82E-04	3.50E-04	3.18E-05	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
1500 - 1600	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1600 - 1700	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1700 - 1800	4.20E-03	3.85E-03	3.50E-04	0.00E+00	0.00E+00
1800 - 1900	6.11E-03	5.60E-03	5.09E-04	0.00E+00	0.00E+00
1900 - 2000	4.58E-03	4.20E-03	3.82E-04	0.00E+00	0.00E+00
2000 - 2100	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2100 - 2200	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
2200 - 2300	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2300 - 2400	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
	max:	5.6E-03	5.1E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.1250	0.1250
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.1250	0.1250
0600 - 0700	0.3750	0.3750
0700 - 0800	0.5000	0.5000
0800 - 0900	0.4375	0.4375
0900 - 1000	0.5000	0.5000
1000 - 1100	0.3750	0.3750
1100 - 1200	0.0625	0.0625
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.2500	0.2500
1500 - 1600	0.5625	0.5625
1600 - 1700	0.5625	0.5625
1700 - 1800	0.6875	0.6875
1800 - 1900	1.0000	1.0000
1900 - 2000	0.7500	0.7500
2000 - 2100	0.5000	0.5000
2100 - 2200	0.4375	0.4375
2200 - 2300	0.5000	0.5000
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange - Franchised Bus Terminus									
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	SE501	AREAPOLY	815637.3	830327.8	11.38	3.74	3.48	1.23E-06	1.12E-07
			815670.8	830476.1					
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815658.3	830440.0					
			815643.7	830369.1					
			815633.8	830328.7					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.63E-04	7.00E-04	6.36E-05	0.00E+00	0.00E+00
0600 - 0700	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
0700 - 0800	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
0800 - 0900	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
0900 - 1000	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
1000 - 1100	2.29E-03	2.10E-03	1.91E-04	0.00E+00	0.00E+00
1100 - 1200	3.82E-04	3.50E-04	3.18E-05	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
1500 - 1600	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1600 - 1700	3.43E-03	3.15E-03	2.86E-04	0.00E+00	0.00E+00
1700 - 1800	4.20E-03	3.85E-03	3.50E-04	0.00E+00	0.00E+00
1800 - 1900	6.11E-03	5.60E-03	5.09E-04	0.00E+00	0.00E+00
1900 - 2000	4.58E-03	4.20E-03	3.82E-04	0.00E+00	0.00E+00
2000 - 2100	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2100 - 2200	2.67E-03	2.45E-03	2.23E-04	0.00E+00	0.00E+00
2200 - 2300	3.05E-03	2.80E-03	2.55E-04	0.00E+00	0.00E+00
2300 - 2400	1.53E-03	1.40E-03	1.27E-04	0.00E+00	0.00E+00
	max:	5.6E-03	5.1E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.1250	0.1250
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.1250	0.1250
0600 - 0700	0.3750	0.3750
0700 - 0800	0.5000	0.5000
0800 - 0900	0.4375	0.4375
0900 - 1000	0.5000	0.5000
1000 - 1100	0.3750	0.3750
1100 - 1200	0.0625	0.0625
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.2500	0.2500
1500 - 1600	0.5625	0.5625
1600 - 1700	0.5625	0.5625
1700 - 1800	0.6875	0.6875
1800 - 1900	1.0000	1.0000
1900 - 2000	0.7500	0.7500
2000 - 2100	0.5000	0.5000
2100 - 2200	0.4375	0.4375
2200 - 2300	0.5000	0.5000
2300 - 2400	0.2500	0.2500

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)	SE601	AREAPOLY	815670.8	830476.1	14.64	2.55	2.37	0.00E+00	0.00E+00
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815662.3	830464.7					
			815668.0	830463.5					

Note:

It is clarified that there is no start emission rate outside Siu Hong Station (North) PLB terminus for both diesel and LPG vehicles

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0000	0.0000
0600 - 0700	0.0000	0.0000
0700 - 0800	0.0000	0.0000
0800 - 0900	0.0000	0.0000
0900 - 1000	0.0000	0.0000
1000 - 1100	0.0000	0.0000
1100 - 1200	0.0000	0.0000
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.0000	0.0000
1500 - 1600	0.0000	0.0000
1600 - 1700	0.0000	0.0000
1700 - 1800	0.0000	0.0000
1800 - 1900	0.0000	0.0000
1900 - 2000	0.0000	0.0000
2000 - 2100	0.0000	0.0000
2100 - 2200	0.0000	0.0000
2200 - 2300	0.0000	0.0000
2300 - 2400	0.0000	0.0000

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)	SE601	AREAPOLY	815670.8	830476.1	14.64	2.55	2.37	0.00E+00	0.00E+00
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815662.3	830464.7					
			815668.0	830463.5					

Note:

It is clarified that there is no start emission rate outside Siu Hong Station (North) PLB terminus for both diesel and LPG vehicles

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0000	0.0000
0600 - 0700	0.0000	0.0000
0700 - 0800	0.0000	0.0000
0800 - 0900	0.0000	0.0000
0900 - 1000	0.0000	0.0000
1000 - 1100	0.0000	0.0000
1100 - 1200	0.0000	0.0000
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.0000	0.0000
1500 - 1600	0.0000	0.0000
1600 - 1700	0.0000	0.0000
1700 - 1800	0.0000	0.0000
1800 - 1900	0.0000	0.0000
1900 - 2000	0.0000	0.0000
2000 - 2100	0.0000	0.0000
2100 - 2200	0.0000	0.0000
2200 - 2300	0.0000	0.0000
2300 - 2400	0.0000	0.0000

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)	SE601	AREAPOLY	815670.8	830476.1	14.64	2.55	2.37	0.00E+00	0.00E+00
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815662.3	830464.7					
			815668.0	830463.5					

Note:

It is clarified that there is no start emission rate outside Siu Hong Station (North) PLB terminus for both diesel and LPG vehicles

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0000	0.0000
0600 - 0700	0.0000	0.0000
0700 - 0800	0.0000	0.0000
0800 - 0900	0.0000	0.0000
0900 - 1000	0.0000	0.0000
1000 - 1100	0.0000	0.0000
1100 - 1200	0.0000	0.0000
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.0000	0.0000
1500 - 1600	0.0000	0.0000
1600 - 1700	0.0000	0.0000
1700 - 1800	0.0000	0.0000
1800 - 1900	0.0000	0.0000
1900 - 2000	0.0000	0.0000
2000 - 2100	0.0000	0.0000
2100 - 2200	0.0000	0.0000
2200 - 2300	0.0000	0.0000
2300 - 2400	0.0000	0.0000

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Public Light Bus Terminus including PLB (Diesel) & PLB (LPG))									
Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)	SE601	AREAPOLY	815670.8	830476.1	14.64	2.55	2.37	0.00E+00	0.00E+00
			815705.0	830577.4					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815663.9	830474.2					
			815662.3	830464.7					
			815668.0	830463.5					

Note:

It is clarified that there is no start emission rate outside Siu Hong Station (North) PLB terminus for both diesel and LPG vehicles

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange - PLB (Diesel)

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0000	0.0000
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0000	0.0000
0600 - 0700	0.0000	0.0000
0700 - 0800	0.0000	0.0000
0800 - 0900	0.0000	0.0000
0900 - 1000	0.0000	0.0000
1000 - 1100	0.0000	0.0000
1100 - 1200	0.0000	0.0000
1200 - 1300	0.0000	0.0000
1300 - 1400	0.0000	0.0000
1400 - 1500	0.0000	0.0000
1500 - 1600	0.0000	0.0000
1600 - 1700	0.0000	0.0000
1700 - 1800	0.0000	0.0000
1800 - 1900	0.0000	0.0000
1900 - 2000	0.0000	0.0000
2000 - 2100	0.0000	0.0000
2100 - 2200	0.0000	0.0000
2200 - 2300	0.0000	0.0000
2300 - 2400	0.0000	0.0000

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
Siu Hong Station (North) Public Transport Interchange - NFB	SE701	AREAPOLY	815939.6	830552.6	12.3	3.23	3.00	5.19E-08	2.56E-08
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815660.0	830460.9					
			815618.0	830469.8					
			815596.3	830479.4					
			815574.9	830505.8					
			815556.3	830517.3					
			815554.3	830511.2					
			815568.6	830503.4					
			815592.8	830474.6					
			815614.3	830464.0					
			815665.4	830452.1					
			815670.8	830476.1					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
	SE702	AREAPOLY	815777.1	830737.5	12.05	3.23	3.00	2.82E-08	1.39E-08
			815774.4	830719.3					
			815910.5	830656.2					
			815933.6	830638.9					
			815953.4	830612.2					
			815956.4	830593.0					
			815939.6	830552.6					
			815929.8	830557.7					
			815949.7	830591.0					
			815946.5	830612.0					
			815928.5	830635.7					
			815903.4	830652.9					
			815795.4	830700.0					
			815754.4	830716.3					
			815764.2	830741.5					
			815749.4	830802.1					
			815710.9	830838.4					
			815622.8	830939.0					
			815536.2	831006.1					
			815461.7	831035.8					
			815414.9	831043.7					
			815414.9	831048.3					
			815457.3	831042.2					
			815536.9	831012.0					
			815627.8	830943.4					
			815722.5	830835.7					
			815756.3	830808.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
	SE703	AREAPOLY	815786.7	830746.4	11.24	3.23	3.00	1.30E-08	6.41E-09
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816128.0	830697.5					
			816121.3	830706.2					
			816096.1	830688.3					
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
Siu Hong Station (North) Public Transport Interchange - NFB	SE703	AREAPOLY	816096.1	830688.3	11.24	3.23	3.00	3.80E-08	1.87E-08
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
			815786.7	830746.4					
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816117.4	830675.1					
			816128.1	830669.4					
			816133.5	830677.9					
			816120.8	830684.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q1)

Siu Hong Station (North) Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
	max:	7.3E-04	3.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0919	0.0919
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0919	0.0919
0600 - 0700	0.5420	0.5420
0700 - 0800	0.7218	0.7217
0800 - 0900	0.6772	0.6771
0900 - 1000	0.5433	0.5433
1000 - 1100	0.4528	0.4527
1100 - 1200	0.2690	0.2690
1200 - 1300	0.1339	0.1338
1300 - 1400	0.0892	0.0892
1400 - 1500	0.4068	0.4068
1500 - 1600	0.6365	0.6365
1600 - 1700	0.5472	0.5473
1700 - 1800	0.6824	0.6824
1800 - 1900	1.0000	1.0000
1900 - 2000	0.8609	0.8609
2000 - 2100	0.4987	0.4987
2100 - 2200	0.5879	0.5879
2200 - 2300	0.5892	0.5892
2300 - 2400	0.4068	0.4068

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
Siu Hong Station (North) Public Transport Interchange - NFB	SE701	AREAPOLY	815939.6	830552.6	12.3	3.23	3.00	5.19E-08	2.56E-08
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815660.0	830460.9					
			815618.0	830469.8					
			815596.3	830479.4					
			815574.9	830505.8					
			815556.3	830517.3					
			815554.3	830511.2					
			815568.6	830503.4					
			815592.8	830474.6					
			815614.3	830464.0					
			815665.4	830452.1					
			815670.8	830476.1					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
	SE702	AREAPOLY	815777.1	830737.5	12.05	3.23	3.00	2.82E-08	1.39E-08
			815774.4	830719.3					
			815910.5	830656.2					
			815933.6	830638.9					
			815953.4	830612.2					
			815956.4	830593.0					
			815939.6	830552.6					
			815929.8	830557.7					
			815949.7	830591.0					
			815946.5	830612.0					
			815928.5	830635.7					
			815903.4	830652.9					
			815795.4	830700.0					
			815754.4	830716.3					
			815764.2	830741.5					
			815749.4	830802.1					
			815710.9	830838.4					
			815622.8	830939.0					
			815536.2	831006.1					
			815461.7	831035.8					
			815414.9	831043.7					
			815414.9	831048.3					
			815457.3	831042.2					
			815536.9	831012.0					
			815627.8	830943.4					
			815722.5	830835.7					
			815756.3	830808.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
	SE703	AREAPOLY	815786.7	830746.4	11.24	3.23	3.00	1.30E-08	6.41E-09
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816128.0	830697.5					
			816121.3	830706.2					
			816096.1	830688.3					
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
Siu Hong Station (North) Public Transport Interchange - NFB	SE703	AREAPOLY	816096.1	830688.3	11.24	3.23	3.00	3.80E-08	1.87E-08
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
			815786.7	830746.4					
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816117.4	830675.1					
			816128.1	830669.4					
			816133.5	830677.9					
			816120.8	830684.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q2)

Siu Hong Station (North) Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
	max:	7.3E-04	3.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0919	0.0919
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0919	0.0919
0600 - 0700	0.5420	0.5420
0700 - 0800	0.7218	0.7217
0800 - 0900	0.6772	0.6771
0900 - 1000	0.5433	0.5433
1000 - 1100	0.4528	0.4527
1100 - 1200	0.2690	0.2690
1200 - 1300	0.1339	0.1338
1300 - 1400	0.0892	0.0892
1400 - 1500	0.4068	0.4068
1500 - 1600	0.6365	0.6365
1600 - 1700	0.5472	0.5473
1700 - 1800	0.6824	0.6824
1800 - 1900	1.0000	1.0000
1900 - 2000	0.8609	0.8609
2000 - 2100	0.4987	0.4987
2100 - 2200	0.5879	0.5879
2200 - 2300	0.5892	0.5892
2300 - 2400	0.4068	0.4068

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
Siu Hong Station (North) Public Transport Interchange - NFB	SE701	AREAPOLY	815939.6	830552.6	12.3	3.23	3.00	5.19E-08	2.56E-08
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815660.0	830460.9					
			815618.0	830469.8					
			815596.3	830479.4					
			815574.9	830505.8					
			815556.3	830517.3					
			815554.3	830511.2					
			815568.6	830503.4					
			815592.8	830474.6					
			815614.3	830464.0					
			815665.4	830452.1					
			815670.8	830476.1					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
	SE702	AREAPOLY	815777.1	830737.5	12.05	3.23	3.00	2.82E-08	1.39E-08
			815774.4	830719.3					
			815910.5	830656.2					
			815933.6	830638.9					
			815953.4	830612.2					
			815956.4	830593.0					
			815939.6	830552.6					
			815929.8	830557.7					
			815949.7	830591.0					
			815946.5	830612.0					
			815928.5	830635.7					
			815903.4	830652.9					
			815795.4	830700.0					
			815754.4	830716.3					
			815764.2	830741.5					
			815749.4	830802.1					
			815710.9	830838.4					
			815622.8	830939.0					
			815536.2	831006.1					
			815461.7	831035.8					
			815414.9	831043.7					
			815414.9	831048.3					
			815457.3	831042.2					
			815536.9	831012.0					
			815627.8	830943.4					
			815722.5	830835.7					
			815756.3	830808.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
	SE703	AREAPOLY	815786.7	830746.4	11.24	3.23	3.00	1.30E-08	6.41E-09
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816128.0	830697.5					
			816121.3	830706.2					
			816096.1	830688.3					
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
Siu Hong Station (North) Public Transport Interchange - NFB	SE703	AREAPOLY	816096.1	830688.3	11.24	3.23	3.00	3.80E-08	1.87E-08
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
			815786.7	830746.4					
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816117.4	830675.1					
			816128.1	830669.4					
			816133.5	830677.9					
			816120.8	830684.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q3)

Siu Hong Station (North) Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
	max:	7.3E-04	3.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0919	0.0919
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0919	0.0919
0600 - 0700	0.5420	0.5420
0700 - 0800	0.7218	0.7217
0800 - 0900	0.6772	0.6771
0900 - 1000	0.5433	0.5433
1000 - 1100	0.4528	0.4527
1100 - 1200	0.2690	0.2690
1200 - 1300	0.1339	0.1338
1300 - 1400	0.0892	0.0892
1400 - 1500	0.4068	0.4068
1500 - 1600	0.6365	0.6365
1600 - 1700	0.5472	0.5473
1700 - 1800	0.6824	0.6824
1800 - 1900	1.0000	1.0000
1900 - 2000	0.8609	0.8609
2000 - 2100	0.4987	0.4987
2100 - 2200	0.5879	0.5879
2200 - 2300	0.5892	0.5892
2300 - 2400	0.4068	0.4068

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
Siu Hong Station (North) Public Transport Interchange - NFB	SE701	AREAPOLY	815939.6	830552.6	12.3	3.23	3.00	5.19E-08	2.56E-08
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815779.2	830717.1					
			815742.0	830692.4					
			815730.2	830674.3					
			815660.0	830460.9					
			815618.0	830469.8					
			815596.3	830479.4					
			815574.9	830505.8					
			815556.3	830517.3					
			815554.3	830511.2					
			815568.6	830503.4					
			815592.8	830474.6					
			815614.3	830464.0					
			815665.4	830452.1					
			815670.8	830476.1					
			815738.6	830671.9					
			815753.7	830692.2					
			815774.5	830700.0					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
	SE702	AREAPOLY	815777.1	830737.5	12.05	3.23	3.00	2.82E-08	1.39E-08
			815774.4	830719.3					
			815910.5	830656.2					
			815933.6	830638.9					
			815953.4	830612.2					
			815956.4	830593.0					
			815939.6	830552.6					
			815929.8	830557.7					
			815949.7	830591.0					
			815946.5	830612.0					
			815928.5	830635.7					
			815903.4	830652.9					
			815795.4	830700.0					
			815754.4	830716.3					
			815764.2	830741.5					
			815749.4	830802.1					
			815710.9	830838.4					
			815622.8	830939.0					
			815536.2	831006.1					
			815461.7	831035.8					
			815414.9	831043.7					
			815414.9	831048.3					
			815457.3	831042.2					
			815536.9	831012.0					
			815627.8	830943.4					
			815722.5	830835.7					
			815756.3	830808.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange	Source	Type	X	Y	Base Elevation	Release Height	Szinit	Max. Hourly Emission Rate	
								NO	NO_2
	ID		(m)	(m)	(mPD)	(mAG)	(m)	($g/m^2/s$)	
Emission Outside Siu Hong Station (North) Public Transport Interchange (Non-franchised Bus Terminus)									
	SE703	AREAPOLY	815786.7	830746.4	11.24	3.23	3.00	1.30E-08	6.41E-09
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816128.0	830697.5					
			816121.3	830706.2					
			816096.1	830688.3					
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
Siu Hong Station (North) Public Transport Interchange - NFB	SE703	AREAPOLY	816096.1	830688.3	11.24	3.23	3.00	3.80E-08	1.87E-08
			816057.0	830681.0					
			815985.9	830705.4					
			815884.6	830719.9					
			815783.4	830764.4					
			815764.2	830741.5					
			815754.4	830716.3					
			815795.4	830700.0					
			815903.4	830652.9					
			815928.5	830635.7					
			815946.5	830612.0					
			815949.7	830591.0					
			815929.8	830557.7					
			815939.6	830552.6					
			815956.4	830593.0					
			815953.4	830612.2					
			815933.6	830638.9					
			815910.5	830656.2					
			815774.4	830719.3					
			815777.1	830737.5					
			815786.7	830746.4					
			815888.6	830711.2					
			815974.4	830701.3					
			816057.2	830670.5					
			816098.2	830674.3					
			816117.4	830675.1					
			816128.1	830669.4					
			816133.5	830677.9					
			816120.8	830684.3					

Emission Inventory for AERMOD Model - Start Emission Outside Siu Hong Station (North) Public Transport Interchange (Year 2031 - Q4)

Siu Hong Station (North) Public Transport Interchange - NFB

Hourly Profile for Emission

Hour	Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
	max:	7.3E-04	3.6E-04	0.0E+00	0.0E+00

Hour	Hourly Profile	
	NO	NO2
0000 - 0100	0.0919	0.0919
0100 - 0200	0.0000	0.0000
0200 - 0300	0.0000	0.0000
0300 - 0400	0.0000	0.0000
0400 - 0500	0.0000	0.0000
0500 - 0600	0.0919	0.0919
0600 - 0700	0.5420	0.5420
0700 - 0800	0.7218	0.7217
0800 - 0900	0.6772	0.6771
0900 - 1000	0.5433	0.5433
1000 - 1100	0.4528	0.4527
1100 - 1200	0.2690	0.2690
1200 - 1300	0.1339	0.1338
1300 - 1400	0.0892	0.0892
1400 - 1500	0.4068	0.4068
1500 - 1600	0.6365	0.6365
1600 - 1700	0.5472	0.5473
1700 - 1800	0.6824	0.6824
1800 - 1900	1.0000	1.0000
1900 - 2000	0.8609	0.8609
2000 - 2100	0.4987	0.4987
2100 - 2200	0.5879	0.5879
2200 - 2300	0.5892	0.5892
2300 - 2400	0.4068	0.4068

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q1)

Bus Terminus and Public Light Bus Terminus	Source	Type	X	Y	Base	Release	Exit	Exit	Stack	Szinit	Max. Hourly Emission Rate			
					Elevation	Height	Temperat	Velocity	Diameter		NO	NO2	RSP	FSP
	ID		(m)	(m)	(mPD)	(mAG)	(K)	(m/s)	(m)	(m)	(g/s) / (g/m2/s)			
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Siu Hong Court Bus Terminus	PTI101	AREAPOLY	815836.2	830561.6	6.7	3.74	-	-	-	3.48	5.95E-06	4.73E-07	1.58E-07	1.46E-07
			815845.7	830563.4										
			815851.9	830571.1										
			815867.6	830578.7										
			815893.6	830571.9										
			815900.9	830566.9										
			815904.8	830555.1										
			815901.9	830543.2										
			815853.0	830556.9										
			815836.2	830561.6										
Fu Tai Estate Public Transport Interchange - Franchised Bus (Side Opening)	PTI201	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	1.18E-05	9.39E-07	3.74E-07	3.45E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI202	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	1.18E-05	9.39E-07	3.74E-07	3.45E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI203	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	1.18E-05	9.39E-07	3.74E-07	3.45E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Franchised Bus(Ventilation Exhaust)	PTI211	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI212	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI213	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI214	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI215	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI216	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI217	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
	PTI218	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	6.68E-04	5.30E-05	2.11E-05	1.95E-05
Fu Tai Estate Public Transport Interchange - Public Light Bus (Side Opening)	PTI301	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	8.88E-06	5.24E-07	8.06E-08	7.50E-08
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI302	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	8.88E-06	5.24E-07	8.06E-08	7.50E-08
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI303	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	8.88E-06	5.24E-07	8.06E-08	7.50E-08
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Public Light Bus (Ventilation Exhaust)	PTI311	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI312	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI313	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI314	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI315	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI316	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI317	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06
	PTI318	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	5.01E-04	2.95E-05	4.55E-06	4.23E-06

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q1)

Bus Terminus and Public Light Bus Terminus	Source ID	Type	X (m)	Y (m)	Base Elevation (mPD)	Release Height (mAG)	Exit Temperat (K)	Exit Velocity (m/s)	Stack Diameter (m)	Szinit (m)	Max. Hourly Emission Rate (g/s) / (g/m2/s) NO	NO2	RSP	FSP
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Side Opening)	PTI401	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	3.81E-06	1.88E-06	1.37E-07	1.26E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI402	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	3.81E-06	1.88E-06	1.37E-07	1.26E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI403	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	3.81E-06	1.88E-06	1.37E-07	1.26E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Ventilation Exhaust)	PTI411	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI412	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI413	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI414	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI415	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI416	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI417	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
	PTI418	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	2.15E-04	1.06E-04	7.72E-06	7.11E-06
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	PTI501	AREAPOLY	815928.9	830546.9	18.5	3.74	-	-	-	3.48	2.68E-06	2.12E-07	8.84E-08	8.16E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Public Light Bus	PTI601	AREAPOLY	815928.9	830546.9	18.5	2.55	-	-	-	2.37	2.05E-07	1.70E-08	2.51E-09	2.35E-09
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus	PTI701	AREAPOLY	815928.9	830546.9	18.5	3.23	-	-	-	3.00	1.16E-06	5.73E-07	3.93E-08	3.63E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										

Notes:
[1] According to AERMOD Users Guide, 0.0K input for the exit temperature will be adjusted to match ambient temperature for each hour automatically in AERMOD

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q1)

Hourly Profile for Emission

Siu Hong Court Bus Terminus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.45E-03	2.27E-03	1.80E-04	6.01E-05	5.57E-05
0600 - 0700	3.84E-03	3.56E-03	2.83E-04	9.44E-05	8.76E-05
0700 - 0800	8.39E-03	7.77E-03	6.17E-04	2.06E-04	1.91E-04
0800 - 0900	4.54E-03	4.21E-03	3.34E-04	1.12E-04	1.04E-04
0900 - 1000	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1000 - 1100	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1100 - 1200	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1200 - 1300	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1300 - 1400	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1400 - 1500	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1500 - 1600	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1600 - 1700	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
1700 - 1800	4.54E-03	4.21E-03	3.34E-04	1.12E-04	1.04E-04
1800 - 1900	4.54E-03	4.21E-03	3.34E-04	1.12E-04	1.04E-04
1900 - 2000	3.15E-03	2.91E-03	2.32E-04	7.72E-05	7.17E-05
2000 - 2100	2.80E-03	2.59E-03	2.06E-04	6.86E-05	6.37E-05
2100 - 2200	2.80E-03	2.59E-03	2.06E-04	6.86E-05	6.37E-05
2200 - 2300	2.80E-03	2.59E-03	2.06E-04	6.86E-05	6.37E-05
2300 - 2400	2.10E-03	1.94E-03	1.54E-04	5.15E-05	4.78E-05
	max:	7.77E-03	6.17E-04	2.06E-04	1.91E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2917	0.2917	0.2917	0.2917
0.4583	0.4583	0.4583	0.4583
1.0000	1.0000	1.0000	1.0000
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.5417	0.5417	0.5417	0.5417
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	7.21E-04	6.68E-04	5.30E-05	2.11E-05	1.95E-05
0200 - 0300	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
0300 - 0400	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
0400 - 0500	2.89E-03	2.67E-03	2.12E-04	8.43E-05	7.79E-05
0500 - 0600	2.16E-03	2.01E-03	1.59E-04	6.33E-05	5.84E-05
0600 - 0700	2.16E-03	2.01E-03	1.59E-04	6.33E-05	5.84E-05
0700 - 0800	5.77E-03	5.35E-03	4.24E-04	1.69E-04	1.56E-04
0800 - 0900	2.16E-03	2.01E-03	1.59E-04	6.33E-05	5.84E-05
0900 - 1000	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1000 - 1100	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1100 - 1200	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1200 - 1300	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1300 - 1400	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1400 - 1500	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1500 - 1600	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1600 - 1700	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1700 - 1800	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
1800 - 1900	4.33E-03	4.01E-03	3.18E-04	1.27E-04	1.17E-04
1900 - 2000	2.89E-03	2.67E-03	2.12E-04	8.43E-05	7.79E-05
2000 - 2100	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
2100 - 2200	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
2200 - 2300	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
2300 - 2400	1.44E-03	1.34E-03	1.06E-04	4.22E-05	3.89E-05
	max:	5.35E-03	4.24E-04	1.69E-04	1.56E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
1.0000	1.0000	1.0000	1.0000
0.3750	0.3750	0.3750	0.3750
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.41E-03	1.34E-03	7.88E-05	1.21E-05	1.13E-05
0600 - 0700	1.59E-03	1.46E-03	1.27E-04	1.99E-05	1.85E-05
0700 - 0800	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
0800 - 0900	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
0900 - 1000	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1000 - 1100	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1100 - 1200	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1200 - 1300	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1300 - 1400	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1400 - 1500	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1500 - 1600	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1600 - 1700	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1700 - 1800	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1800 - 1900	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1900 - 2000	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2000 - 2100	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2100 - 2200	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2200 - 2300	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
2300 - 2400	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
	max:	4.01E-03	2.36E-04	3.64E-05	3.38E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.3333	0.3333	0.3333	0.3333
0.3646	0.5393	0.5474	0.5468
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
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
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667

Fu Tai Estate Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
0600 - 0700	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
0700 - 0800	2.57E-03	1.72E-03	8.47E-04	6.17E-05	5.69E-05
0800 - 0900	2.28E-03	1.53E-03	7.53E-04	5.49E-05	5.06E-05
0900 - 1000	2.28E-03	1.53E-03	7.53E-04	5.49E-05	5.06E-05
1000 - 1100	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
1100 - 1200	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1200 - 1300	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1300 - 1400	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1400 - 1500	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1500 - 1600	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1600 - 1700	1.71E-03	1.15E-03	5.65E-04	4.12E-05	3.79E-05
1700 - 1800	1.71E-03	1.15E-03	5.65E-04	4.12E-05	3.79E-05
1800 - 1900	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
1900 - 2000	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
2000 - 2100	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
2100 - 2200	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
2200 - 2300	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
2300 - 2400	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
	max:	1.72E-03	8.47E-04	6.17E-05	5.69E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2222	0.2222	0.2222	0.2222
0.4444	0.4444	0.4444	0.4444
1.0000	1.0000	1.0000	1.0000
0.8889	0.8889	0.8889	0.8889
0.8889	0.8889	0.8889	0.8889
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.2222	0.2222	0.2222	0.2222
0.2222	0.2222	0.2222	0.2222

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.85E-03	1.71E-03	1.35E-04	5.66E-05	5.22E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.85E-03	1.71E-03	1.35E-04	5.66E-05	5.22E-05
0600 - 0700	5.55E-03	5.14E-03	4.06E-04	1.70E-04	1.57E-04
0700 - 0800	7.39E-03	6.85E-03	5.42E-04	2.26E-04	2.09E-04
0800 - 0900	6.47E-03	6.00E-03	4.74E-04	1.98E-04	1.83E-04
0900 - 1000	7.39E-03	6.85E-03	5.42E-04	2.26E-04	2.09E-04
1000 - 1100	5.55E-03	5.14E-03	4.06E-04	1.70E-04	1.57E-04
1100 - 1200	9.24E-04	8.56E-04	6.77E-05	2.83E-05	2.61E-05
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	3.70E-03	3.43E-03	2.71E-04	1.13E-04	1.04E-04
1500 - 1600	8.32E-03	7.71E-03	6.10E-04	2.55E-04	2.35E-04
1600 - 1700	8.32E-03	7.71E-03	6.10E-04	2.55E-04	2.35E-04
1700 - 1800	1.02E-02	9.42E-03	7.45E-04	3.11E-04	2.87E-04
1800 - 1900	1.48E-02	1.37E-02	1.08E-03	4.53E-04	4.18E-04
1900 - 2000	1.11E-02	1.03E-02	8.13E-04	3.40E-04	3.13E-04
2000 - 2100	7.39E-03	6.85E-03	5.42E-04	2.26E-04	2.09E-04
2100 - 2200	6.47E-03	6.00E-03	4.74E-04	1.98E-04	1.83E-04
2200 - 2300	7.39E-03	6.85E-03	5.42E-04	2.26E-04	2.09E-04
2300 - 2400	3.70E-03	3.43E-03	2.71E-04	1.13E-04	1.04E-04
	max:	1.37E-02	1.08E-03	4.53E-04	4.18E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1250	0.1250	0.1250	0.1250
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.3750	0.3750	0.3750	0.3750
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.0625	0.0625	0.0625	0.0625
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2500	0.2500	0.2500	0.2500
0.5625	0.5625	0.5625	0.5625
0.5625	0.5625	0.5625	0.5625
0.6875	0.6875	0.6875	0.6875
1.0000	1.0000	1.0000	1.0000
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500

Siu Hong Station (North) Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2.96E-04	2.13E-04	8.29E-05	1.16E-05	1.09E-05
0700 - 0800	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
0800 - 0900	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
0900 - 1000	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1000 - 1100	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1100 - 1200	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1200 - 1300	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1300 - 1400	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1400 - 1500	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1500 - 1600	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1600 - 1700	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1700 - 1800	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1800 - 1900	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1900 - 2000	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
2000 - 2100	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	1.05E-03	8.71E-05	1.28E-05	1.21E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2029	0.9516	0.9073	0.9013
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
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
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	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000

Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.51E-03	1.01E-03	4.97E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.61E-04	5.10E-04	2.51E-04	1.79E-05	1.65E-05
0600 - 0700	5.26E-03	3.52E-03	1.74E-03	1.17E-04	1.08E-04
0700 - 0800	6.65E-03	4.46E-03	2.19E-03	1.47E-04	1.35E-04
0800 - 0900	6.44E-03	4.31E-03	2.12E-03	1.43E-04	1.32E-04
0900 - 1000	5.80E-03	3.89E-03	1.91E-03	1.31E-04	1.21E-04
1000 - 1100	4.83E-03	3.24E-03	1.59E-03	1.09E-04	1.01E-04
1100 - 1200	3.68E-03	2.47E-03	1.22E-03	8.26E-05	7.62E-05
1200 - 1300	2.88E-03	1.93E-03	9.50E-04	6.58E-05	6.07E-05
1300 - 1400	2.66E-03	1.79E-03	8.79E-04	6.19E-05	5.71E-05
1400 - 1500	4.83E-03	3.23E-03	1.59E-03	1.09E-04	1.01E-04
1500 - 1600	6.73E-03	4.51E-03	2.22E-03	1.54E-04	1.42E-04
1600 - 1700	6.30E-03	4.22E-03	2.08E-03	1.46E-04	1.35E-04
1700 - 1800	6.74E-03	4.51E-03	2.22E-03	1.54E-04	1.42E-04
1800 - 1900	8.90E-03	5.96E-03	2.94E-03	2.01E-04	1.86E-04
1900 - 2000	7.96E-03	5.33E-03	2.63E-03	1.79E-04	1.65E-04
2000 - 2100	5.59E-03	3.74E-03	1.84E-03	1.27E-04	1.17E-04
2100 - 2200	6.01E-03	4.03E-03	1.98E-03	1.35E-04	1.25E-04
2200 - 2300	6.18E-03	4.14E-03	2.04E-03	1.40E-04	1.29E-04
2300 - 2400	3.33E-03	2.23E-03	1.10E-03	7.33E-05	6.76E-05
	max:	5.96E-03	2.94E-03	2.01E-04	1.86E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1694	0.1694	0.1781	0.1781
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0856	0.0856	0.0887	0.0887
0.5911	0.5911	0.5814	0.5816
0.7476	0.7476	0.7287	0.7290
0.7237	0.7237	0.7093	0.7095
0.6519	0.6519	0.6510	0.6511
0.5432	0.5432	0.5425	0.5426
0.4141	0.4141	0.4098	0.4100
0.3234	0.3234	0.3266	0.3267
0.2995	0.2995	0.3071	0.3073
0.5424	0.5424	0.5429	0.5430
0.7563	0.7563	0.7646	0.7647
0.7084	0.7084	0.7258	0.7257
0.7571	0.7571	0.7643	0.7643
1.0000	1.0000	1.0000	1.0000
0.8948	0.8948	0.8867	0.8869
0.6279	0.6279	0.6316	0.6317
0.6758	0.6758	0.6704	0.6706
0.6946	0.6946	0.6954	0.6955
0.3746	0.3746	0.3640	0.3641

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q2)

Bus Terminus and Public Light Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Exit Temperat	Exit Velocity	Stack Diameter	Szinit	Max. Hourly Emission Rate			
	ID		(m)	(m)	(mPD)	(mAG)	(K)	(m/s)	(m)	(m)	NO	NO2	RSP	FSP
											(g/s) / (g/m2/s)			
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Siu Hong Court Bus Terminus	PTI101	AREAPOLY	815836.2	830561.6	6.7	3.74	-	-	-	3.48	5.75E-06	4.57E-07	1.58E-07	1.46E-07
			815845.7	830563.4										
			815851.9	830571.1										
			815867.6	830578.7										
			815893.6	830571.9										
			815900.9	830566.9										
			815904.8	830555.1										
			815901.9	830543.2										
			815853.0	830556.9										
			815836.2	830561.6										
Fu Tai Estate Public Transport Interchange - Franchised Bus (Side Opening)	PTI201	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	1.14E-05	9.00E-07	3.74E-07	3.45E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI202	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	1.14E-05	9.00E-07	3.74E-07	3.45E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI203	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	1.14E-05	9.00E-07	3.74E-07	3.45E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Franchised Bus(Ventilation Exhaust)	PTI211	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI212	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI213	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI214	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI215	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI216	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI217	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
	PTI218	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	6.40E-04	5.08E-05	2.11E-05	1.95E-05
Fu Tai Estate Public Transport Interchange - Public Light Bus (Side Opening)	PTI301	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	8.22E-06	5.05E-07	8.06E-08	7.50E-08
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI302	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	8.22E-06	5.05E-07	8.06E-08	7.50E-08
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI303	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	8.22E-06	5.05E-07	8.06E-08	7.50E-08
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Public Light Bus (Ventilation Exhaust)	PTI311	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI312	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI313	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI314	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI315	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI316	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI317	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06
	PTI318	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	4.64E-04	2.85E-05	4.55E-06	4.23E-06

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q2)

Bus Terminus and Public Light Bus Terminus	Source ID	Type	X (m)	Y (m)	Base Elevation (mPD)	Release Height (mAG)	Exit Temperat (K)	Exit Velocity (m/s)	Stack Diameter (m)	Szinit (m)	Max. Hourly Emission Rate (g/s) / (g/m2/s) NO	NO2	RSP	FSP
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Side Opening)	PTI401	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	3.64E-06	1.79E-06	1.37E-07	1.26E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI402	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	3.64E-06	1.79E-06	1.37E-07	1.26E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI403	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	3.64E-06	1.79E-06	1.37E-07	1.26E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Ventilation Exhaust)	PTI411	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI412	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI413	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI414	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI415	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI416	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI417	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
	PTI418	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	2.05E-04	1.01E-04	7.72E-06	7.11E-06
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	PTI501	AREAPOLY	815928.9	830546.9	18.5	3.74	-	-	-	3.48	2.56E-06	2.02E-07	8.84E-08	8.16E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Public Light Bus	PTI601	AREAPOLY	815928.9	830546.9	18.5	2.55	-	-	-	2.37	2.00E-07	1.66E-08	2.51E-09	2.35E-09
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus	PTI701	AREAPOLY	815928.9	830546.9	18.5	3.23	-	-	-	3.00	1.11E-06	5.48E-07	3.93E-08	3.63E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										

Notes:
[1] According to AERMOD Users Guide, 0.0K input for the exit temperature will be adjusted to match ambient temperature for each hour automatically in AERMOD

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q2)

Hourly Profile for Emission

Siu Hong Court Bus Terminus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.37E-03	2.19E-03	1.74E-04	6.01E-05	5.57E-05
0600 - 0700	3.72E-03	3.44E-03	2.74E-04	9.44E-05	8.76E-05
0700 - 0800	8.11E-03	7.51E-03	5.97E-04	2.06E-04	1.91E-04
0800 - 0900	4.39E-03	4.07E-03	3.24E-04	1.12E-04	1.04E-04
0900 - 1000	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1000 - 1100	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1100 - 1200	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1200 - 1300	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1300 - 1400	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1400 - 1500	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1500 - 1600	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1600 - 1700	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
1700 - 1800	4.39E-03	4.07E-03	3.24E-04	1.12E-04	1.04E-04
1800 - 1900	4.39E-03	4.07E-03	3.24E-04	1.12E-04	1.04E-04
1900 - 2000	3.04E-03	2.82E-03	2.24E-04	7.72E-05	7.17E-05
2000 - 2100	2.70E-03	2.50E-03	1.99E-04	6.86E-05	6.37E-05
2100 - 2200	2.70E-03	2.50E-03	1.99E-04	6.86E-05	6.37E-05
2200 - 2300	2.70E-03	2.50E-03	1.99E-04	6.86E-05	6.37E-05
2300 - 2400	2.03E-03	1.88E-03	1.49E-04	5.15E-05	4.78E-05
	max:	7.51E-03	5.97E-04	2.06E-04	1.91E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2917	0.2917	0.2917	0.2917
0.4583	0.4583	0.4583	0.4583
1.0000	1.0000	1.0000	1.0000
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.5417	0.5417	0.5417	0.5417
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	6.91E-04	6.40E-04	5.08E-05	2.11E-05	1.95E-05
0200 - 0300	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
0300 - 0400	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
0400 - 0500	2.76E-03	2.56E-03	2.03E-04	8.43E-05	7.79E-05
0500 - 0600	2.07E-03	1.92E-03	1.52E-04	6.33E-05	5.84E-05
0600 - 0700	2.07E-03	1.92E-03	1.52E-04	6.33E-05	5.84E-05
0700 - 0800	5.53E-03	5.12E-03	4.06E-04	1.69E-04	1.56E-04
0800 - 0900	2.07E-03	1.92E-03	1.52E-04	6.33E-05	5.84E-05
0900 - 1000	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1000 - 1100	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1100 - 1200	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1200 - 1300	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1300 - 1400	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1400 - 1500	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1500 - 1600	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1600 - 1700	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1700 - 1800	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
1800 - 1900	4.15E-03	3.84E-03	3.05E-04	1.27E-04	1.17E-04
1900 - 2000	2.76E-03	2.56E-03	2.03E-04	8.43E-05	7.79E-05
2000 - 2100	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
2100 - 2200	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
2200 - 2300	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
2300 - 2400	1.38E-03	1.28E-03	1.02E-04	4.22E-05	3.89E-05
	max:	5.12E-03	4.06E-04	1.69E-04	1.56E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
1.0000	1.0000	1.0000	1.0000
0.3750	0.3750	0.3750	0.3750
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.31E-03	1.24E-03	7.60E-05	1.21E-05	1.13E-05
0600 - 0700	1.48E-03	1.36E-03	1.23E-04	1.99E-05	1.85E-05
0700 - 0800	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
0800 - 0900	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
0900 - 1000	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1000 - 1100	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1100 - 1200	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1200 - 1300	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1300 - 1400	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1400 - 1500	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1500 - 1600	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1600 - 1700	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1700 - 1800	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1800 - 1900	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1900 - 2000	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2000 - 2100	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2100 - 2200	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2200 - 2300	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
2300 - 2400	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
	max:	3.71E-03	2.28E-04	3.64E-05	3.38E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.3333	0.3333	0.3333	0.3333
0.3660	0.5400	0.5474	0.5468
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
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
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667

Fu Tai Estate Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
0600 - 0700	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
0700 - 0800	2.45E-03	1.64E-03	8.08E-04	6.17E-05	5.69E-05
0800 - 0900	2.18E-03	1.46E-03	7.19E-04	5.49E-05	5.06E-05
0900 - 1000	2.18E-03	1.46E-03	7.19E-04	5.49E-05	5.06E-05
1000 - 1100	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
1100 - 1200	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1200 - 1300	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1300 - 1400	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1400 - 1500	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1500 - 1600	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1600 - 1700	1.63E-03	1.09E-03	5.39E-04	4.12E-05	3.79E-05
1700 - 1800	1.63E-03	1.09E-03	5.39E-04	4.12E-05	3.79E-05
1800 - 1900	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
1900 - 2000	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
2000 - 2100	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
2100 - 2200	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
2200 - 2300	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
2300 - 2400	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
	max:	1.64E-03	8.08E-04	6.17E-05	5.69E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2222	0.2222	0.2222	0.2222
0.4444	0.4444	0.4444	0.4444
1.0000	1.0000	1.0000	1.0000
0.8889	0.8889	0.8889	0.8889
0.8889	0.8889	0.8889	0.8889
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.2222	0.2222	0.2222	0.2222
0.2222	0.2222	0.2222	0.2222

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.77E-03	1.64E-03	1.29E-04	5.66E-05	5.22E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.77E-03	1.64E-03	1.29E-04	5.66E-05	5.22E-05
0600 - 0700	5.30E-03	4.91E-03	3.88E-04	1.70E-04	1.57E-04
0700 - 0800	7.07E-03	6.55E-03	5.18E-04	2.26E-04	2.09E-04
0800 - 0900	6.18E-03	5.73E-03	4.53E-04	1.98E-04	1.83E-04
0900 - 1000	7.07E-03	6.55E-03	5.18E-04	2.26E-04	2.09E-04
1000 - 1100	5.30E-03	4.91E-03	3.88E-04	1.70E-04	1.57E-04
1100 - 1200	8.83E-04	8.19E-04	6.47E-05	2.83E-05	2.61E-05
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	3.53E-03	3.27E-03	2.59E-04	1.13E-04	1.04E-04
1500 - 1600	7.95E-03	7.37E-03	5.83E-04	2.55E-04	2.35E-04
1600 - 1700	7.95E-03	7.37E-03	5.83E-04	2.55E-04	2.35E-04
1700 - 1800	9.72E-03	9.00E-03	7.12E-04	3.11E-04	2.87E-04
1800 - 1900	1.41E-02	1.31E-02	1.04E-03	4.53E-04	4.18E-04
1900 - 2000	1.06E-02	9.82E-03	7.77E-04	3.40E-04	3.13E-04
2000 - 2100	7.07E-03	6.55E-03	5.18E-04	2.26E-04	2.09E-04
2100 - 2200	6.18E-03	5.73E-03	4.53E-04	1.98E-04	1.83E-04
2200 - 2300	7.07E-03	6.55E-03	5.18E-04	2.26E-04	2.09E-04
2300 - 2400	3.53E-03	3.27E-03	2.59E-04	1.13E-04	1.04E-04
	max:	1.31E-02	1.04E-03	4.53E-04	4.18E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1250	0.1250	0.1250	0.1250
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.3750	0.3750	0.3750	0.3750
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.0625	0.0625	0.0625	0.0625
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2500	0.2500	0.2500	0.2500
0.5625	0.5625	0.5625	0.5625
0.5625	0.5625	0.5625	0.5625
0.6875	0.6875	0.6875	0.6875
1.0000	1.0000	1.0000	1.0000
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500

Siu Hong Station (North) Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2.89E-04	2.08E-04	8.08E-05	1.16E-05	1.09E-05
0700 - 0800	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
0800 - 0900	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
0900 - 1000	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1000 - 1100	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1100 - 1200	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1200 - 1300	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1300 - 1400	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1400 - 1500	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1500 - 1600	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1600 - 1700	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1700 - 1800	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1800 - 1900	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1900 - 2000	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
2000 - 2100	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	1.02E-03	8.49E-05	1.28E-05	1.21E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2027	0.9517	0.9073	0.9013
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
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
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
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000

Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.44E-03	9.64E-04	4.75E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.27E-04	4.87E-04	2.40E-04	1.79E-05	1.65E-05
0600 - 0700	5.03E-03	3.37E-03	1.66E-03	1.17E-04	1.08E-04
0700 - 0800	6.36E-03	4.26E-03	2.10E-03	1.47E-04	1.35E-04
0800 - 0900	6.16E-03	4.12E-03	2.03E-03	1.43E-04	1.32E-04
0900 - 1000	5.54E-03	3.71E-03	1.83E-03	1.31E-04	1.21E-04
1000 - 1100	4.62E-03	3.10E-03	1.52E-03	1.09E-04	1.01E-04
1100 - 1200	3.52E-03	2.36E-03	1.16E-03	8.26E-05	7.62E-05
1200 - 1300	2.75E-03	1.84E-03	9.07E-04	6.58E-05	6.07E-05
1300 - 1400	2.54E-03	1.71E-03	8.40E-04	6.19E-05	5.71E-05
1400 - 1500	4.61E-03	3.09E-03	1.52E-03	1.09E-04	1.01E-04
1500 - 1600	6.43E-03	4.31E-03	2.12E-03	1.54E-04	1.42E-04
1600 - 1700	6.02E-03	4.03E-03	1.99E-03	1.46E-04	1.35E-04
1700 - 1800	6.44E-03	4.31E-03	2.12E-03	1.54E-04	1.42E-04
1800 - 1900	8.50E-03	5.70E-03	2.81E-03	2.01E-04	1.86E-04
1900 - 2000	7.61E-03	5.10E-03	2.51E-03	1.79E-04	1.65E-04
2000 - 2100	5.34E-03	3.58E-03	1.76E-03	1.27E-04	1.17E-04
2100 - 2200	5.75E-03	3.85E-03	1.90E-03	1.35E-04	1.25E-04
2200 - 2300	5.91E-03	3.96E-03	1.95E-03	1.40E-04	1.29E-04
2300 - 2400	3.19E-03	2.14E-03	1.05E-03	7.33E-05	6.76E-05
	max:	5.70E-03	2.81E-03	2.01E-04	1.86E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1692	0.1692	0.1781	0.1781
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0855	0.0855	0.0887	0.0887
0.5913	0.5913	0.5814	0.5816
0.7480	0.7480	0.7287	0.7290
0.7240	0.7240	0.7093	0.7095
0.6519	0.6519	0.6510	0.6511
0.5432	0.5432	0.5425	0.5426
0.4141	0.4141	0.4098	0.4100
0.3233	0.3233	0.3266	0.3267
0.2993	0.2993	0.3071	0.3073
0.5423	0.5423	0.5429	0.5430
0.7561	0.7561	0.7646	0.7647
0.7080	0.7080	0.7258	0.7257
0.7569	0.7569	0.7643	0.7643
1.0000	1.0000	1.0000	1.0000
0.8949	0.8949	0.8867	0.8869
0.6278	0.6278	0.6316	0.6317
0.6759	0.6759	0.6704	0.6706
0.6946	0.6946	0.6954	0.6955
0.3749	0.3749	0.3640	0.3641

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q3)

Bus Terminus and Public Light Bus Terminus	Source	Type	X	Y	Base Elevation	Release Height	Exit Temperat	Exit Velocity	Stack Diameter	Szinit	Max. Hourly Emission Rate			
	ID		(m)	(m)	(mPD)	(mAG)	(K)	(m/s)	(m)	(m)	NO	NO2	RSP	FSP
											(g/s) / (g/m2/s)			
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Siu Hong Court Bus Terminus	PTI101	AREAPOLY	815836.2	830561.6	6.7	3.74	-	-	-	3.48	5.87E-06	4.66E-07	1.58E-07	1.46E-07
			815845.7	830563.4										
			815851.9	830571.1										
			815867.6	830578.7										
			815893.6	830571.9										
			815900.9	830566.9										
			815904.8	830555.1										
			815901.9	830543.2										
			815853.0	830556.9										
			815836.2	830561.6										
Fu Tai Estate Public Transport Interchange - Franchised Bus (Side Opening)	PTI201	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	1.16E-05	9.23E-07	3.74E-07	3.45E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI202	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	1.16E-05	9.23E-07	3.74E-07	3.45E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI203	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	1.16E-05	9.23E-07	3.74E-07	3.45E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Franchised Bus(Ventilation Exhaust)	PTI211	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI212	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI213	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI214	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI215	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI216	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI217	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
	PTI218	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	6.57E-04	5.21E-05	2.11E-05	1.95E-05
Fu Tai Estate Public Transport Interchange - Public Light Bus (Side Opening)	PTI301	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	8.16E-06	5.14E-07	8.06E-08	7.50E-08
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI302	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	8.16E-06	5.14E-07	8.06E-08	7.50E-08
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI303	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	8.16E-06	5.14E-07	8.06E-08	7.50E-08
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Public Light Bus (Ventilation Exhaust)	PTI311	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI312	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI313	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI314	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI315	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI316	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI317	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06
	PTI318	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	4.60E-04	2.90E-05	4.55E-06	4.23E-06

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q3)

Bus Terminus and Public Light Bus Terminus	Source ID	Type	X (m)	Y (m)	Base Elevation (mPD)	Release Height (mAG)	Exit Temperat (K)	Exit Velocity (m/s)	Stack Diameter (m)	Szinit (m)	Max. Hourly Emission Rate (g/s) / (g/m2/s) NO	NO2	RSP	FSP
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Side Opening)	PTI401	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	3.74E-06	1.84E-06	1.37E-07	1.26E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI402	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	3.74E-06	1.84E-06	1.37E-07	1.26E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI403	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	3.74E-06	1.84E-06	1.37E-07	1.26E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Ventilation Exhaust)	PTI411	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI412	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI413	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI414	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI415	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI416	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI417	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
	PTI418	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	2.11E-04	1.04E-04	7.72E-06	7.11E-06
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	PTI501	AREAPOLY	815928.9	830546.9	18.5	3.74	-	-	-	3.48	2.63E-06	2.08E-07	8.84E-08	8.16E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Public Light Bus	PTI601	AREAPOLY	815928.9	830546.9	18.5	2.55	-	-	-	2.37	2.02E-07	1.68E-08	2.51E-09	2.35E-09
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus	PTI701	AREAPOLY	815928.9	830546.9	18.5	3.23	-	-	-	3.00	1.14E-06	5.63E-07	3.93E-08	3.63E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										

Notes:
[1] According to AERMOD Users Guide, 0.0K input for the exit temperature will be adjusted to match ambient temperature for each hour automatically in AERMOD

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q3)

Hourly Profile for Emission

Siu Hong Court Bus Terminus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.41E-03	2.24E-03	1.78E-04	6.01E-05	5.57E-05
0600 - 0700	3.79E-03	3.51E-03	2.79E-04	9.44E-05	8.76E-05
0700 - 0800	8.27E-03	7.66E-03	6.09E-04	2.06E-04	1.91E-04
0800 - 0900	4.48E-03	4.15E-03	3.30E-04	1.12E-04	1.04E-04
0900 - 1000	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1000 - 1100	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1100 - 1200	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1200 - 1300	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1300 - 1400	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1400 - 1500	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1500 - 1600	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1600 - 1700	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
1700 - 1800	4.48E-03	4.15E-03	3.30E-04	1.12E-04	1.04E-04
1800 - 1900	4.48E-03	4.15E-03	3.30E-04	1.12E-04	1.04E-04
1900 - 2000	3.10E-03	2.87E-03	2.28E-04	7.72E-05	7.17E-05
2000 - 2100	2.76E-03	2.55E-03	2.03E-04	6.86E-05	6.37E-05
2100 - 2200	2.76E-03	2.55E-03	2.03E-04	6.86E-05	6.37E-05
2200 - 2300	2.76E-03	2.55E-03	2.03E-04	6.86E-05	6.37E-05
2300 - 2400	2.07E-03	1.92E-03	1.52E-04	5.15E-05	4.78E-05
	max:	7.66E-03	6.09E-04	2.06E-04	1.91E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2917	0.2917	0.2917	0.2917
0.4583	0.4583	0.4583	0.4583
1.0000	1.0000	1.0000	1.0000
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.5417	0.5417	0.5417	0.5417
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	7.09E-04	6.57E-04	5.21E-05	2.11E-05	1.95E-05
0200 - 0300	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
0300 - 0400	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
0400 - 0500	2.84E-03	2.63E-03	2.08E-04	8.43E-05	7.79E-05
0500 - 0600	2.13E-03	1.97E-03	1.56E-04	6.33E-05	5.84E-05
0600 - 0700	2.13E-03	1.97E-03	1.56E-04	6.33E-05	5.84E-05
0700 - 0800	5.67E-03	5.25E-03	4.17E-04	1.69E-04	1.56E-04
0800 - 0900	2.13E-03	1.97E-03	1.56E-04	6.33E-05	5.84E-05
0900 - 1000	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1000 - 1100	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1100 - 1200	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1200 - 1300	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1300 - 1400	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1400 - 1500	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1500 - 1600	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1600 - 1700	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1700 - 1800	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
1800 - 1900	4.25E-03	3.94E-03	3.12E-04	1.27E-04	1.17E-04
1900 - 2000	2.84E-03	2.63E-03	2.08E-04	8.43E-05	7.79E-05
2000 - 2100	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
2100 - 2200	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
2200 - 2300	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
2300 - 2400	1.42E-03	1.31E-03	1.04E-04	4.22E-05	3.89E-05
	max:	5.25E-03	4.17E-04	1.69E-04	1.56E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
1.0000	1.0000	1.0000	1.0000
0.3750	0.3750	0.3750	0.3750
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.30E-03	1.23E-03	7.73E-05	1.21E-05	1.13E-05
0600 - 0700	1.48E-03	1.35E-03	1.25E-04	1.99E-05	1.85E-05
0700 - 0800	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
0800 - 0900	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
0900 - 1000	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1000 - 1100	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1100 - 1200	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1200 - 1300	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1300 - 1400	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1400 - 1500	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1500 - 1600	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1600 - 1700	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1700 - 1800	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1800 - 1900	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1900 - 2000	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2000 - 2100	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2100 - 2200	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2200 - 2300	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
2300 - 2400	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
	max:	3.68E-03	2.32E-04	3.64E-05	3.38E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.3333	0.3333	0.3333	0.3333
0.3669	0.5405	0.5474	0.5468
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
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
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667

Fu Tai Estate Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
0600 - 0700	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
0700 - 0800	2.52E-03	1.69E-03	8.31E-04	6.17E-05	5.69E-05
0800 - 0900	2.24E-03	1.50E-03	7.39E-04	5.49E-05	5.06E-05
0900 - 1000	2.24E-03	1.50E-03	7.39E-04	5.49E-05	5.06E-05
1000 - 1100	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
1100 - 1200	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1200 - 1300	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1300 - 1400	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1400 - 1500	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1500 - 1600	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1600 - 1700	1.68E-03	1.13E-03	5.54E-04	4.12E-05	3.79E-05
1700 - 1800	1.68E-03	1.13E-03	5.54E-04	4.12E-05	3.79E-05
1800 - 1900	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
1900 - 2000	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
2000 - 2100	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
2100 - 2200	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
2200 - 2300	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
2300 - 2400	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
	max:	1.69E-03	8.31E-04	6.17E-05	5.69E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2222	0.2222	0.2222	0.2222
0.4444	0.4444	0.4444	0.4444
1.0000	1.0000	1.0000	1.0000
0.8889	0.8889	0.8889	0.8889
0.8889	0.8889	0.8889	0.8889
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.2222	0.2222	0.2222	0.2222
0.2222	0.2222	0.2222	0.2222

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.81E-03	1.68E-03	1.33E-04	5.66E-05	5.22E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.81E-03	1.68E-03	1.33E-04	5.66E-05	5.22E-05
0600 - 0700	5.44E-03	5.04E-03	3.99E-04	1.70E-04	1.57E-04
0700 - 0800	7.26E-03	6.73E-03	5.32E-04	2.26E-04	2.09E-04
0800 - 0900	6.35E-03	5.89E-03	4.65E-04	1.98E-04	1.83E-04
0900 - 1000	7.26E-03	6.73E-03	5.32E-04	2.26E-04	2.09E-04
1000 - 1100	5.44E-03	5.04E-03	3.99E-04	1.70E-04	1.57E-04
1100 - 1200	9.07E-04	8.41E-04	6.65E-05	2.83E-05	2.61E-05
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	3.63E-03	3.36E-03	2.66E-04	1.13E-04	1.04E-04
1500 - 1600	8.17E-03	7.57E-03	5.98E-04	2.55E-04	2.35E-04
1600 - 1700	8.17E-03	7.57E-03	5.98E-04	2.55E-04	2.35E-04
1700 - 1800	9.98E-03	9.25E-03	7.31E-04	3.11E-04	2.87E-04
1800 - 1900	1.45E-02	1.35E-02	1.06E-03	4.53E-04	4.18E-04
1900 - 2000	1.09E-02	1.01E-02	7.98E-04	3.40E-04	3.13E-04
2000 - 2100	7.26E-03	6.73E-03	5.32E-04	2.26E-04	2.09E-04
2100 - 2200	6.35E-03	5.89E-03	4.65E-04	1.98E-04	1.83E-04
2200 - 2300	7.26E-03	6.73E-03	5.32E-04	2.26E-04	2.09E-04
2300 - 2400	3.63E-03	3.36E-03	2.66E-04	1.13E-04	1.04E-04
	max:	1.35E-02	1.06E-03	4.53E-04	4.18E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1250	0.1250	0.1250	0.1250
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.3750	0.3750	0.3750	0.3750
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.0625	0.0625	0.0625	0.0625
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2500	0.2500	0.2500	0.2500
0.5625	0.5625	0.5625	0.5625
0.5625	0.5625	0.5625	0.5625
0.6875	0.6875	0.6875	0.6875
1.0000	1.0000	1.0000	1.0000
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500

Siu Hong Station (North) Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2.93E-04	2.11E-04	8.20E-05	1.16E-05	1.09E-05
0700 - 0800	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
0800 - 0900	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
0900 - 1000	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1000 - 1100	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1100 - 1200	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1200 - 1300	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1300 - 1400	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1400 - 1500	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1500 - 1600	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1600 - 1700	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1700 - 1800	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1800 - 1900	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1900 - 2000	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
2000 - 2100	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	1.03E-03	8.61E-05	1.28E-05	1.21E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2043	0.9521	0.9073	0.9013
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
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
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	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000

Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.48E-03	9.91E-04	4.88E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.47E-04	5.00E-04	2.46E-04	1.79E-05	1.65E-05
0600 - 0700	5.16E-03	3.46E-03	1.70E-03	1.17E-04	1.08E-04
0700 - 0800	6.53E-03	4.38E-03	2.16E-03	1.47E-04	1.35E-04
0800 - 0900	6.32E-03	4.24E-03	2.09E-03	1.43E-04	1.32E-04
0900 - 1000	5.69E-03	3.81E-03	1.88E-03	1.31E-04	1.21E-04
1000 - 1100	4.74E-03	3.18E-03	1.57E-03	1.09E-04	1.01E-04
1100 - 1200	3.62E-03	2.42E-03	1.19E-03	8.26E-05	7.62E-05
1200 - 1300	2.82E-03	1.89E-03	9.32E-04	6.58E-05	6.07E-05
1300 - 1400	2.62E-03	1.75E-03	8.63E-04	6.19E-05	5.71E-05
1400 - 1500	4.74E-03	3.17E-03	1.56E-03	1.09E-04	1.01E-04
1500 - 1600	6.60E-03	4.43E-03	2.18E-03	1.54E-04	1.42E-04
1600 - 1700	6.19E-03	4.14E-03	2.04E-03	1.46E-04	1.35E-04
1700 - 1800	6.61E-03	4.43E-03	2.18E-03	1.54E-04	1.42E-04
1800 - 1900	8.73E-03	5.85E-03	2.88E-03	2.01E-04	1.86E-04
1900 - 2000	7.82E-03	5.24E-03	2.58E-03	1.79E-04	1.65E-04
2000 - 2100	5.48E-03	3.67E-03	1.81E-03	1.27E-04	1.17E-04
2100 - 2200	5.90E-03	3.95E-03	1.95E-03	1.35E-04	1.25E-04
2200 - 2300	6.07E-03	4.06E-03	2.00E-03	1.40E-04	1.29E-04
2300 - 2400	3.27E-03	2.19E-03	1.08E-03	7.33E-05	6.76E-05
	max:	5.85E-03	2.88E-03	2.01E-04	1.86E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1693	0.1693	0.1781	0.1781
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0855	0.0855	0.0887	0.0887
0.5912	0.5912	0.5814	0.5816
0.7478	0.7478	0.7287	0.7290
0.7238	0.7238	0.7093	0.7095
0.6519	0.6519	0.6510	0.6511
0.5432	0.5432	0.5425	0.5426
0.4141	0.4141	0.4098	0.4100
0.3234	0.3234	0.3266	0.3267
0.2994	0.2994	0.3071	0.3073
0.5424	0.5424	0.5429	0.5430
0.7562	0.7562	0.7646	0.7647
0.7082	0.7082	0.7258	0.7257
0.7570	0.7570	0.7643	0.7643
1.0000	1.0000	1.0000	1.0000
0.8948	0.8948	0.8867	0.8869
0.6279	0.6279	0.6316	0.6317
0.6758	0.6758	0.6704	0.6706
0.6946	0.6946	0.6954	0.6955
0.3747	0.3747	0.3640	0.3641

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q4)

Bus Terminus and Public Light Bus Terminus	Source	Type	X	Y	Base	Release	Exit	Exit	Stack	Szinit	Max. Hourly Emission Rate			
					Elevation	Height	Temperat	Velocity	Diameter		NO	NO2	RSP	FSP
	ID		(m)	(m)	(mPD)	(mAG)	(K)	(m/s)	(m)	(m)	(g/s) / (g/m2/s)			
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Siu Hong Court Bus Terminus	PTI101	AREAPOLY	815836.2	830561.6	6.7	3.74	-	-	-	3.48	6.02E-06	4.79E-07	1.58E-07	1.46E-07
			815845.7	830563.4										
			815851.9	830571.1										
			815867.6	830578.7										
			815893.6	830571.9										
			815900.9	830566.9										
			815904.8	830555.1										
			815901.9	830543.2										
			815853.0	830556.9										
			815836.2	830561.6										
Fu Tai Estate Public Transport Interchange - Franchised Bus (Side Opening)	PTI201	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	1.20E-05	9.54E-07	3.74E-07	3.45E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI202	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	1.20E-05	9.54E-07	3.74E-07	3.45E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI203	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	1.20E-05	9.54E-07	3.74E-07	3.45E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Franchised Bus(Ventilation Exhaust)	PTI211	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI212	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI213	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI214	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI215	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI216	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI217	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
	PTI218	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	6.79E-04	5.38E-05	2.11E-05	1.95E-05
Fu Tai Estate Public Transport Interchange - Public Light Bus (Side Opening)	PTI301	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	9.05E-06	5.30E-07	8.06E-08	7.50E-08
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI302	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	9.05E-06	5.30E-07	8.06E-08	7.50E-08
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI303	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	9.05E-06	5.30E-07	8.06E-08	7.50E-08
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Public Light Bus (Ventilation Exhaust)	PTI311	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI312	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI313	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI314	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI315	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI316	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI317	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06
	PTI318	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	5.11E-04	2.99E-05	4.55E-06	4.23E-06

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q4)

Bus Terminus and Public Light Bus Terminus	Source ID	Type	X (m)	Y (m)	Base Elevation (mPD)	Release Height (mAG)	Exit Temperat (K)	Exit Velocity (m/s)	Stack Diameter (m)	Szinit (m)	Max. Hourly Emission Rate (g/s) / (g/m2/s) NO	NO2	RSP	FSP
Emission inside Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus														
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Side Opening)	PTI401	AREAPOLY	816267.1	830503.8	9.0	2.0	-	-	-	1.86	3.88E-06	1.91E-06	1.37E-07	1.26E-07
			816249.4	830491.6										
			816248.7	830466.5										
			816248.6	830392.1										
			816251.3	830392.1										
			816251.7	830489.9										
			816268.7	830501.6										
	PTI402	AREAPOLY	816251.3	830392.1	9.0	3.4	-	-	-	3.16	3.88E-06	1.91E-06	1.37E-07	1.26E-07
			816251.3	830394.8										
			816287.4	830394.8										
			816287.4	830392.2										
	PTI403	AREAPOLY	816287.4	830405.7	9.0	3.4	-	-	-	3.16	3.88E-06	1.91E-06	1.37E-07	1.26E-07
			816290.0	830405.7										
			816290.1	830393.8										
			816287.4	830393.9										
Fu Tai Estate Public Transport Interchange - Non Franchised Bus (Ventilation Exhaust)	PTI411	POINTHOR	816250.3	830478.1	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI412	POINTHOR	816250.3	830469.8	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI413	POINTHOR	816250.1	830444.1	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI414	POINTHOR	816250.0	830440.8	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI415	POINTHOR	816250.0	830437.4	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI416	POINTHOR	816250.0	830427.7	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI417	POINTHOR	816250.1	830423.7	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
	PTI418	POINTHOR	816250.0	830402.5	9.0	4.0	0	3.5	2.5	-	2.19E-04	1.08E-04	7.72E-06	7.11E-06
Siu Hong Station (North) Public Transport Interchange - Franchised Bus	PTI501	AREAPOLY	815928.9	830546.9	18.5	3.74	-	-	-	3.48	2.72E-06	2.15E-07	8.84E-08	8.16E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Public Light Bus	PTI601	AREAPOLY	815928.9	830546.9	18.5	2.55	-	-	-	2.37	2.07E-07	1.72E-08	2.51E-09	2.35E-09
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										
Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus	PTI701	AREAPOLY	815928.9	830546.9	18.5	3.23	-	-	-	3.00	1.18E-06	5.83E-07	3.93E-08	3.63E-08
			815929.7	830557.2										
			815970.1	830539.7										
			815949.5	830509.1										
			815924.2	830418.6										
			815932.0	830403.6										
			815930.5	830402.7										
			815894.3	830411.3										
			815891.0	830413.8										
			815889.9	830417.0										
			815890.5	830419.7										
			815917.0	830517.3										
			815921.1	830530.4										
			815923.4	830534.4										
			815925.8	830539.4										

Notes:
[1] According to AERMOD Users Guide, 0.0K input for the exit temperature will be adjusted to match ambient temperature for each hour automatically in AERMOD

Emission Inventory for AERMOD Model - Emission from Nearby Public Transport Interchange/ Bus Terminus and Public Light Bus Terminus (Year 2031- Q4)

Hourly Profile for Emission

Siu Hong Court Bus Terminus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.48E-03	2.29E-03	1.82E-04	6.01E-05	5.57E-05
0600 - 0700	3.89E-03	3.60E-03	2.86E-04	9.44E-05	8.76E-05
0700 - 0800	8.49E-03	7.86E-03	6.25E-04	2.06E-04	1.91E-04
0800 - 0900	4.60E-03	4.26E-03	3.39E-04	1.12E-04	1.04E-04
0900 - 1000	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1000 - 1100	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1100 - 1200	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1200 - 1300	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1300 - 1400	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1400 - 1500	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1500 - 1600	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1600 - 1700	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
1700 - 1800	4.60E-03	4.26E-03	3.39E-04	1.12E-04	1.04E-04
1800 - 1900	4.60E-03	4.26E-03	3.39E-04	1.12E-04	1.04E-04
1900 - 2000	3.18E-03	2.95E-03	2.34E-04	7.72E-05	7.17E-05
2000 - 2100	2.83E-03	2.62E-03	2.08E-04	6.86E-05	6.37E-05
2100 - 2200	2.83E-03	2.62E-03	2.08E-04	6.86E-05	6.37E-05
2200 - 2300	2.83E-03	2.62E-03	2.08E-04	6.86E-05	6.37E-05
2300 - 2400	2.12E-03	1.97E-03	1.56E-04	5.15E-05	4.78E-05
	max:	7.86E-03	6.25E-04	2.06E-04	1.91E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2917	0.2917	0.2917	0.2917
0.4583	0.4583	0.4583	0.4583
1.0000	1.0000	1.0000	1.0000
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
0.5417	0.5417	0.5417	0.5417
0.5417	0.5417	0.5417	0.5417
0.3750	0.3750	0.3750	0.3750
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.3333	0.3333	0.3333	0.3333
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	7.33E-04	6.79E-04	5.38E-05	2.11E-05	1.95E-05
0200 - 0300	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
0300 - 0400	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
0400 - 0500	2.93E-03	2.72E-03	2.15E-04	8.43E-05	7.79E-05
0500 - 0600	2.20E-03	2.04E-03	1.61E-04	6.33E-05	5.84E-05
0600 - 0700	2.20E-03	2.04E-03	1.61E-04	6.33E-05	5.84E-05
0700 - 0800	5.86E-03	5.43E-03	4.30E-04	1.69E-04	1.56E-04
0800 - 0900	2.20E-03	2.04E-03	1.61E-04	6.33E-05	5.84E-05
0900 - 1000	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1000 - 1100	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1100 - 1200	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1200 - 1300	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1300 - 1400	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1400 - 1500	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1500 - 1600	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1600 - 1700	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1700 - 1800	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
1800 - 1900	4.40E-03	4.07E-03	3.23E-04	1.27E-04	1.17E-04
1900 - 2000	2.93E-03	2.72E-03	2.15E-04	8.43E-05	7.79E-05
2000 - 2100	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
2100 - 2200	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
2200 - 2300	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
2300 - 2400	1.47E-03	1.36E-03	1.08E-04	4.22E-05	3.89E-05
	max:	5.43E-03	4.30E-04	1.69E-04	1.56E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.3750	0.3750	0.3750	0.3750
1.0000	1.0000	1.0000	1.0000
0.3750	0.3750	0.3750	0.3750
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500
0.2500	0.2500	0.2500	0.2500

Fu Tai Estate Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.44E-03	1.36E-03	7.98E-05	1.21E-05	1.13E-05
0600 - 0700	1.62E-03	1.49E-03	1.29E-04	1.99E-05	1.85E-05
0700 - 0800	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
0800 - 0900	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
0900 - 1000	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1000 - 1100	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1100 - 1200	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1200 - 1300	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1300 - 1400	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1400 - 1500	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1500 - 1600	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1600 - 1700	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1700 - 1800	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1800 - 1900	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1900 - 2000	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2000 - 2100	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2100 - 2200	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2200 - 2300	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
2300 - 2400	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
	max:	4.08E-03	2.39E-04	3.64E-05	3.38E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.3333	0.3333	0.3333	0.3333
0.3643	0.5392	0.5474	0.5468
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
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
1.0000	1.0000	1.0000	1.0000
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667

Fu Tai Estate Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
0600 - 0700	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
0700 - 0800	2.61E-03	1.75E-03	8.62E-04	6.17E-05	5.69E-05
0800 - 0900	2.32E-03	1.56E-03	7.66E-04	5.49E-05	5.06E-05
0900 - 1000	2.32E-03	1.56E-03	7.66E-04	5.49E-05	5.06E-05
1000 - 1100	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
1100 - 1200	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1200 - 1300	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1300 - 1400	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1400 - 1500	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1500 - 1600	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1600 - 1700	1.74E-03	1.17E-03	5.74E-04	4.12E-05	3.79E-05
1700 - 1800	1.74E-03	1.17E-03	5.74E-04	4.12E-05	3.79E-05
1800 - 1900	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
1900 - 2000	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
2000 - 2100	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
2100 - 2200	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
2200 - 2300	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
2300 - 2400	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
	max:	1.75E-03	8.62E-04	6.17E-05	5.69E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2222	0.2222	0.2222	0.2222
0.4444	0.4444	0.4444	0.4444
1.0000	1.0000	1.0000	1.0000
0.8889	0.8889	0.8889	0.8889
0.8889	0.8889	0.8889	0.8889
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.4444	0.4444	0.4444	0.4444
0.6667	0.6667	0.6667	0.6667
0.6667	0.6667	0.6667	0.6667
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.7778	0.7778	0.7778	0.7778
0.4444	0.4444	0.4444	0.4444
0.2222	0.2222	0.2222	0.2222
0.2222	0.2222	0.2222	0.2222

Siu Hong Station (North) Public Transport Interchange - Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.88E-03	1.74E-03	1.38E-04	5.66E-05	5.22E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.88E-03	1.74E-03	1.38E-04	5.66E-05	5.22E-05
0600 - 0700	5.64E-03	5.22E-03	4.13E-04	1.70E-04	1.57E-04
0700 - 0800	7.52E-03	6.97E-03	5.51E-04	2.26E-04	2.09E-04
0800 - 0900	6.58E-03	6.09E-03	4.82E-04	1.98E-04	1.83E-04
0900 - 1000	7.52E-03	6.97E-03	5.51E-04	2.26E-04	2.09E-04
1000 - 1100	5.64E-03	5.22E-03	4.13E-04	1.70E-04	1.57E-04
1100 - 1200	9.39E-04	8.71E-04	6.88E-05	2.83E-05	2.61E-05
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	3.76E-03	3.48E-03	2.75E-04	1.13E-04	1.04E-04
1500 - 1600	8.46E-03	7.84E-03	6.20E-04	2.55E-04	2.35E-04
1600 - 1700	8.46E-03	7.84E-03	6.20E-04	2.55E-04	2.35E-04
1700 - 1800	1.03E-02	9.58E-03	7.57E-04	3.11E-04	2.87E-04
1800 - 1900	1.50E-02	1.39E-02	1.10E-03	4.53E-04	4.18E-04
1900 - 2000	1.13E-02	1.04E-02	8.26E-04	3.40E-04	3.13E-04
2000 - 2100	7.52E-03	6.97E-03	5.51E-04	2.26E-04	2.09E-04
2100 - 2200	6.58E-03	6.09E-03	4.82E-04	1.98E-04	1.83E-04
2200 - 2300	7.52E-03	6.97E-03	5.51E-04	2.26E-04	2.09E-04
2300 - 2400	3.76E-03	3.48E-03	2.75E-04	1.13E-04	1.04E-04
	max:	1.39E-02	1.10E-03	4.53E-04	4.18E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1250	0.1250	0.1250	0.1250
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.1250	0.1250	0.1250	0.1250
0.3750	0.3750	0.3750	0.3750
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.3750	0.3750	0.3750	0.3750
0.0625	0.0625	0.0625	0.0625
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2500	0.2500	0.2500	0.2500
0.5625	0.5625	0.5625	0.5625
0.5625	0.5625	0.5625	0.5625
0.6875	0.6875	0.6875	0.6875
1.0000	1.0000	1.0000	1.0000
0.7500	0.7500	0.7500	0.7500
0.5000	0.5000	0.5000	0.5000
0.4375	0.4375	0.4375	0.4375
0.5000	0.5000	0.5000	0.5000
0.2500	0.2500	0.2500	0.2500

Siu Hong Station (North) Public Transport Interchange - Public Light Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2.99E-04	2.15E-04	8.37E-05	1.16E-05	1.09E-05
0700 - 0800	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
0800 - 0900	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
0900 - 1000	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1000 - 1100	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1100 - 1200	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1200 - 1300	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1300 - 1400	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1400 - 1500	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1500 - 1600	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1600 - 1700	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1700 - 1800	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1800 - 1900	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1900 - 2000	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
2000 - 2100	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	max:	1.06E-03	8.80E-05	1.28E-05	1.21E-05

Hourly Profile			
NO	NO_2	RSP	FSP
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.2031	0.9519	0.9073	0.9013
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
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
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
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000

Siu Hong Station (North) Public Transport Interchange - Non-Franchised Bus

	Emission within bus terminus				
	Total Emission Rate (g/s)				
Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	1.53E-03	1.03E-03	5.06E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	7.74E-04	5.18E-04	2.55E-04	1.79E-05	1.65E-05
0600 - 0700	5.34E-03	3.58E-03	1.76E-03	1.17E-04	1.08E-04
0700 - 0800	6.76E-03	4.53E-03	2.23E-03	1.47E-04	1.35E-04
0800 - 0900	6.54E-03	4.38E-03	2.16E-03	1.43E-04	1.32E-04
0900 - 1000	5.90E-03	3.95E-03	1.95E-03	1.31E-04	1.21E-04
1000 - 1100	4.91E-03	3.29E-03	1.62E-03	1.09E-04	1.01E-04
1100 - 1200	3.74E-03	2.51E-03	1.24E-03	8.26E-05	7.62E-05
1200 - 1300	2.93E-03	1.96E-03	9.65E-04	6.58E-05	6.07E-05
1300 - 1400	2.71E-03	1.82E-03	8.94E-04	6.19E-05	5.71E-05
1400 - 1500	4.91E-03	3.29E-03	1.62E-03	1.09E-04	1.01E-04
1500 - 1600	6.84E-03	4.58E-03	2.26E-03	1.54E-04	1.42E-04
1600 - 1700	6.41E-03	4.29E-03	2.11E-03	1.46E-04	1.35E-04
1700 - 1800	6.85E-03	4.59E-03	2.26E-03	1.54E-04	1.42E-04
1800 - 1900	9.04E-03	6.06E-03	2.98E-03	2.01E-04	1.86E-04
1900 - 2000	8.09E-03	5.42E-03	2.67E-03	1.79E-04	1.65E-04
2000 - 2100	5.68E-03	3.80E-03	1.87E-03	1.27E-04	1.17E-04
2100 - 2200	6.11E-03	4.09E-03	2.02E-03	1.35E-04	1.25E-04
2200 - 2300	6.28E-03	4.21E-03	2.07E-03	1.40E-04	1.29E-04
2300 - 2400	3.39E-03	2.27E-03	1.12E-03	7.33E-05	6.76E-05
	max:	6.06E-03	2.98E-03	2.01E-04	1.86E-04

Hourly Profile			
NO	NO_2	RSP	FSP
0.1695	0.1695	0.1781	0.1781
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000
0.0856	0.0856	0.0887	0.0887
0.5910	0.5910	0.5814	0.5816
0.7475	0.7475	0.7287	0.7290
0.7236	0.7236	0.7093	0.7095
0.6519	0.6519	0.6510	0.6511
0.5432	0.5432	0.5425	0.5426
0.4140	0.4140	0.4098	0.4100
0.3235	0.3235	0.3266	0.3267
0.2996	0.2996	0.3071	0.3073
0.5424	0.5424	0.5429	0.5430
0.7563	0.7563	0.7646	0.7647
0.7086	0.7086	0.7258	0.7257
0.7572	0.7572	0.7643	0.7643
1.0000	1.0000	1.0000	1.0000
0.8947	0.8947	0.8867	0.8869
0.6280	0.6280	0.6316	0.6317
0.6758	0.6758	0.6704	0.6706
0.6947	0.6947	0.6954	0.6955
0.3746	0.3746	0.3640	0.3641

Appendix 5.6

Derivation of Emission Rates of Bus Terminus and Public Transport Interchanges

Siu Hong Court Bus Terminus

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperature: 10 °C

Relative Humidity: 30 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	192

Total Start Emission of FBSD & FBDD (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
3.9E+01	3.6E+01	3.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
	0											192										

Average Distance from Starting Place to Egress =	30	m
Average Spread Distance outside bus terminus =	670	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	4.3E-01	3.9E-01	3.6E-02	0.0E+00	0.0E+00	9.5E+00	8.7E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0600 - 0700	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	6.7E-01	6.2E-01	5.6E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
0700 - 0800	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	1.5E+00	1.3E+00	1.2E-01	0.0E+00	0.0E+00	3.3E+01	3.0E+01	2.7E+00	0.0E+00	0.0E+00	9.1E-03	8.3E-03	7.6E-04	0.0E+00	0.0E+00
0800 - 0900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
0900 - 1000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1000 - 1100	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1100 - 1200	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1200 - 1300	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1300 - 1400	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1400 - 1500	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1700 - 1800	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1800 - 1900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1900 - 2000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.7E-01	3.4E-01	3.1E-02	0.0E+00	0.0E+00	8.2E+00	7.5E+00	6.8E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	80	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	5.7E+00	5.3E+00	4.2E-01	1.9E-01	1.8E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	8.9E+00	8.3E+00	6.5E-01	3.0E-01	2.8E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.9E+01	1.8E+01	1.4E+00	6.6E-01	6.1E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.1E+01	9.8E+00	7.7E-01	3.6E-01	3.3E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1200 - 1300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1300 - 1400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1400 - 1500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.1E+01	9.8E+00	7.7E-01	3.6E-01	3.3E-01
1800 - 1900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.1E+01	9.8E+00	7.7E-01	3.6E-01	3.3E-01
1900 - 2000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	7.3E+00	6.8E+00	5.3E-01	2.5E-01	2.3E-01
2000 - 2100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.7E-01	2.2E-01	2.0E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.7E-01	2.2E-01	2.0E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.7E-01	2.2E-01	2.0E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.9E+00	4.5E+00	3.6E-01	1.7E-01	1.5E-01
Daily Total	0											192										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	8.8E+00	8.2E+00	6.5E-01	2.7E-01	2.6E-01	2.9E-03	2.3E-03	1.8E-04	6.0E-05	5.6E-05
0600 - 0700	1.4E+01	1.3E+01	1.0E+00	3.4E-01	3.2E-01	3.8E-03	3.6E-03	2.8E-04	9.4E-05	8.8E-05
0700 - 0800	3.0E+01	2.8E+01	2.2E+00	7.4E-01	6.9E-01	8.4E-03	7.8E-03	6.2E-04	2.1E-04	1.9E-04
0800 - 0900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
0900 - 1000	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1000 - 1100	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1100 - 1200	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1200 - 1300	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1300 - 1400	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1400 - 1500	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1500 - 1600	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1600 - 1700	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1700 - 1800	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
1800 - 1900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
1900 - 2000	1.1E+01	1.0E+01	8.3E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
2000 - 2100	1.0E+01	9.3E+00	7.4E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2100 - 2200	1.0E+01	9.3E+00	7.4E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2200 - 2300	1.0E+01	9.3E+00	7.4E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2300 - 2400	7.5E+00	7.0E+00	5.6E-01	1.9E-01	1.7E-01	2.1E-03	1.9E-03	1.5E-04	5.1E-05	4.8E-05
						max:	7.8E-03	6.2E-04	2.1E-04	1.9E-04

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.29	0.29	0.29	0.29
0.46	0.46	0.46	0.46
1.00	1.00	1.00	1.00
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.54	0.54	0.54	0.54
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Siu Hong Court Bus Terminus

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	192

Total Start Emission of FBSD & FBDD (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
3.9E+01	3.6E+01	3.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
	0											192										

Average Distance from Starting Place to Egress =	30	m
Average Spread Distance outside bus terminus =	670	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	4.3E-01	3.9E-01	3.6E-02	0.0E+00	0.0E+00	9.5E+00	8.7E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0600 - 0700	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	6.7E-01	6.2E-01	5.6E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
0700 - 0800	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	1.5E+00	1.3E+00	1.2E-01	0.0E+00	0.0E+00	3.3E+01	3.0E+01	2.7E+00	0.0E+00	0.0E+00	9.1E-03	8.3E-03	7.6E-04	0.0E+00	0.0E+00
0800 - 0900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
0900 - 1000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1000 - 1100	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1100 - 1200	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1200 - 1300	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1300 - 1400	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1400 - 1500	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1700 - 1800	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1800 - 1900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1900 - 2000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.7E-01	3.4E-01	3.1E-02	0.0E+00	0.0E+00	8.2E+00	7.5E+00	6.8E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	80	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	5.4E+00	5.0E+00	3.9E-01	1.9E-01	1.8E-01
0600 - 0700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	8.5E+00	7.9E+00	6.2E-01	3.0E-01	2.8E-01
0700 - 0800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.8E+01	1.7E+01	1.4E+00	6.6E-01	6.1E-01
0800 - 0900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.0E+01	9.3E+00	7.3E-01	3.6E-01	3.3E-01
0900 - 1000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1000 - 1100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1100 - 1200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1200 - 1300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1300 - 1400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1400 - 1500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1500 - 1600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1600 - 1700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
1700 - 1800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.0E+01	9.3E+00	7.3E-01	3.6E-01	3.3E-01
1800 - 1900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.0E+01	9.3E+00	7.3E-01	3.6E-01	3.3E-01
1900 - 2000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.9E+00	6.4E+00	5.1E-01	2.5E-01	2.3E-01
2000 - 2100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.2E+00	5.7E+00	4.5E-01	2.2E-01	2.0E-01
2100 - 2200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.2E+00	5.7E+00	4.5E-01	2.2E-01	2.0E-01
2200 - 2300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.2E+00	5.7E+00	4.5E-01	2.2E-01	2.0E-01
2300 - 2400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.6E+00	4.3E+00	3.4E-01	1.7E-01	1.5E-01
Daily Total	0											192										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	8.5E+00	7.9E+00	6.3E-01	2.2E-01	2.0E-01	2.4E-03	2.2E-03	1.7E-04	6.0E-05	5.6E-05
0600 - 0700	1.3E+01	1.2E+01	9.9E-01	3.4E-01	3.2E-01	3.7E-03	3.4E-03	2.7E-04	9.4E-05	8.8E-05
0700 - 0800	2.9E+01	2.7E+01	2.2E+00	7.4E-01	6.9E-01	8.1E-03	7.5E-03	6.0E-04	2.1E-04	1.9E-04
0800 - 0900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.4E-03	4.1E-03	3.2E-04	1.1E-04	1.0E-04
0900 - 1000	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1000 - 1100	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1100 - 1200	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1200 - 1300	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1300 - 1400	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1400 - 1500	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1500 - 1600	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1600 - 1700	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
1700 - 1800	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.4E-03	4.1E-03	3.2E-04	1.1E-04	1.0E-04
1800 - 1900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.4E-03	4.1E-03	3.2E-04	1.1E-04	1.0E-04
1900 - 2000	1.1E+01	1.0E+01	8.1E-01	2.8E-01	2.6E-01	3.0E-03	2.8E-03	2.2E-04	7.7E-05	7.2E-05
2000 - 2100	9.7E+00	9.0E+00	7.2E-01	2.5E-01	2.3E-01	2.7E-03	2.5E-03	2.0E-04	6.9E-05	6.4E-05
2100 - 2200	9.7E+00	9.0E+00	7.2E-01	2.5E-01	2.3E-01	2.7E-03	2.5E-03	2.0E-04	6.9E-05	6.4E-05
2200 - 2300	9.7E+00	9.0E+00	7.2E-01	2.5E-01	2.3E-01	2.7E-03	2.5E-03	2.0E-04	6.9E-05	6.4E-05
2300 - 2400	7.3E+00	6.8E+00	5.4E-01	1.9E-01	1.7E-01	2.0E-03	1.9E-03	1.5E-04	5.1E-05	4.8E-05
						max:	7.5E-03	6.0E-04	2.1E-04	1.9E-04

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.29	0.29	0.29	0.29
0.46	0.46	0.46	0.46
1.00	1.00	1.00	1.00
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.54	0.54	0.54	0.54
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Siu Hong Court Bus Terminus

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 °C

Relative Humidity: 23 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		

Daily Total 0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Daily Total 192

Hour	Total Start Emission of FBSD & FBDD (g)				
	NOx	**NO**	**NO2**	**RSP**	**FSP**
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
0600 - 0700	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
0700 - 0800	3.9E+01	3.6E+01	3.2E+00	0.0E+00	0.0E+00
0800 - 0900	2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
0900 - 1000	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1000 - 1100	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1100 - 1200	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1200 - 1300	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1300 - 1400	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1400 - 1500	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1500 - 1600	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1600 - 1700	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1700 - 1800	2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1800 - 1900	2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1900 - 2000	1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
2000 - 2100	1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
2100 - 2200	1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
2200 - 2300	1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
2300 - 2400	9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD Frequency	FBSD Cold Idling Emission Factor (g/s)					FBSD Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0										

Hour	FBDD Frequency	FBDD Cold Idling Emission Factor (g/s)					FBDD Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0										

Hour	FBSD Frequency	FBSD Hot Idling Emission Factor (g/s)					FBSD Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	0										

Hour	FBDD Frequency	FBDD Hot Idling Emission Factor (g/s)					FBDD Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0600 - 0700	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
0700 - 0800	24	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02
0800 - 0900	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
0900 - 1000	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1000 - 1100	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1100 - 1200	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1200 - 1300	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1300 - 1400	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1400 - 1500	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1500 - 1600	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1800 - 1900	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1900 - 2000	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
2000 - 2100	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2200 - 2300	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
	192										

Average Distance from Starting Place to Egress =	30	m
Average Spread Distance outside bus terminus =	670	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02
0600 - 0700	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02
0700 - 0800	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02
0800 - 0900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02
0900 - 1000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1000 - 1100	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1100 - 1200	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1200 - 1300	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1300 - 1400	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1400 - 1500	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
1700 - 1800	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02
1800 - 1900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02
1900 - 2000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2100 - 2200	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2300 - 2400	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03

Hour	Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	4.3E-01	3.9E-01	3.6E-02	0.0E+00	0.0E+00	9.5E+00	8.7E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0600 - 0700	6.7E-01	6.2E-01	5.6E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
0700 - 0800	1.5E+00	1.3E+00	1.2E-01	0.0E+00	0.0E+00	3.3E+01	3.0E+01	2.7E+00	0.0E+00	0.0E+00	9.1E-03	8.3E-03	7.6E-04	0.0E+00	0.0E+00
0800 - 0900	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
0900 - 1000	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1000 - 1100	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1100 - 1200	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1200 - 1300	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1300 - 1400	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1400 - 1500	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1500 - 1600	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1600 - 1700	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1700 - 1800	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1800 - 1900	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1900 - 2000	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
2000 - 2100	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2200 - 2300	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	3.7E-01	3.4E-01	3.1E-02	0.0E+00	0.0E+00	8.2E+00	7.5E+00	6.8E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	80	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	5.6E+00	5.2E+00	4.1E-01	1.9E-01	1.8E-01
0600 - 0700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	8.7E+00	8.1E+00	6.4E-01	3.0E-01	2.8E-01
0700 - 0800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.9E+01	1.8E+01	1.4E+00	6.6E-01	6.1E-01
0800 - 0900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.0E+01	9.6E+00	7.6E-01	3.6E-01	3.3E-01
0900 - 1000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1000 - 1100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1100 - 1200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1200 - 1300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1300 - 1400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1400 - 1500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1500 - 1600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1600 - 1700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
1700 - 1800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.0E+01	9.6E+00	7.6E-01	3.6E-01	3.3E-01
1800 - 1900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.0E+01	9.6E+00	7.6E-01	3.6E-01	3.3E-01
1900 - 2000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	7.1E+00	6.6E+00	5.2E-01	2.5E-01	2.3E-01
2000 - 2100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.6E-01	2.2E-01	2.0E-01
2100 - 2200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.6E-01	2.2E-01	2.0E-01
2200 - 2300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.6E-01	2.2E-01	2.0E-01
2300 - 2400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.8E+00	4.4E+00	3.5E-01	1.7E-01	1.5E-01
Daily Total	0											192										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	8.7E+00	8.0E+00	6.4E-01	2.2E-01	2.0E-01	2.4E-03	2.2E-03	1.8E-04	6.0E-05	5.6E-05
0600 - 0700	1.4E+01	1.3E+01	1.0E+00	3.4E-01	3.2E-01	3.8E-03	3.5E-03	2.8E-04	9.4E-05	8.8E-05
0700 - 0800	3.0E+01	2.8E+01	2.2E+00	7.4E-01	6.9E-01	8.3E-03	7.7E-03	6.1E-04	2.1E-04	1.9E-04
0800 - 0900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
0900 - 1000	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1000 - 1100	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1100 - 1200	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1200 - 1300	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1300 - 1400	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1400 - 1500	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1500 - 1600	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1600 - 1700	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1700 - 1800	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
1800 - 1900	1.6E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.5E-03	4.2E-03	3.3E-04	1.1E-04	1.0E-04
1900 - 2000	1.1E+01	1.0E+01	8.2E-01	2.8E-01	2.6E-01	3.1E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
2000 - 2100	9.9E+00	9.2E+00	7.3E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.0E-04	6.9E-05	6.4E-05
2100 - 2200	9.9E+00	9.2E+00	7.3E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.0E-04	6.9E-05	6.4E-05
2200 - 2300	9.9E+00	9.2E+00	7.3E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.0E-04	6.9E-05	6.4E-05
2300 - 2400	7.4E+00	6.9E+00	5.5E-01	1.9E-01	1.7E-01	2.1E-03	1.9E-03	1.5E-04	5.1E-05	4.8E-05
						max:	7.7E-03	6.1E-04	2.1E-04	1.9E-04

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.29	0.29	0.29	0.29
0.46	0.46	0.46	0.46
1.00	1.00	1.00	1.00
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.54	0.54	0.54	0.54
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Siu Hong Court Bus Terminus

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperature: 8 °C

Relative Humidity: 16 %

Start Emission

Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

No. of Trips of FBSD

Hour \ Soaking Time (min)	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

No. of Trips of FBDD

Hour \ Soaking Time (min)	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	192

Total Start Emission of FBSD & FBDD (g)

NOx	NO	NO2	RSP	FSP
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
3.9E+01	3.6E+01	3.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
2.1E+01	1.9E+01	1.7E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD Frequency	Cold Idling Emission Factor (g/s) NOx	NO	NO_2	RSP	FSP	Cold Idling Emission (g) [1] NOx	NO	NO_2	RSP	FSP	FBDD Frequency	Cold Idling Emission Factor (g/s) NOx	NO	NO_2	RSP	FSP	Cold Idling Emission (g) [1] NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD Frequency	Hot Idling Emission Factor (g/s) NOx	NO	NO_2	RSP	FSP	Hot Idling Emission (g) [1] NOx	NO	NO_2	RSP	FSP	FBDD Frequency	Hot Idling Emission Factor (g/s) NOx	NO	NO_2	RSP	FSP	Hot Idling Emission (g) [1] NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
	0											192										

Average Distance from Starting Place to Egress =	30	m
Average Spread Distance outside bus terminus =	670	m

Hour	Total Idling Emission (g) [2] NOx	NO	NO_2	RSP	FSP	Idling Emission for Start Emission Adjustment (g) [3] NOx	NO	NO_2	RSP	FSP	Adjusted Start Emission within bus terminus (g) [4] NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	4.3E-01	3.9E-01	3.6E-02	0.0E+00	0.0E+00
0600 - 0700	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	6.7E-01	6.2E-01	5.6E-02	0.0E+00	0.0E+00
0700 - 0800	9.3E+00	8.6E+00	6.8E-01	7.6E-02	7.6E-02	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	1.5E+00	1.3E+00	1.2E-01	0.0E+00	0.0E+00
0800 - 0900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00
0900 - 1000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1000 - 1100	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1100 - 1200	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1200 - 1300	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1300 - 1400	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1400 - 1500	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
1700 - 1800	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00
1800 - 1900	5.0E+00	4.6E+00	3.7E-01	4.1E-02	4.1E-02	2.5E+00	2.3E+00	1.8E-01	2.1E-02	2.1E-02	7.9E-01	7.3E-01	6.6E-02	0.0E+00	0.0E+00
1900 - 2000	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	5.5E-01	5.0E-01	4.6E-02	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00
2100 - 2200	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00
2300 - 2400	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.7E-01	3.4E-01	3.1E-02	0.0E+00	0.0E+00

Hour	Adjusted Start Emission outside bus terminus (g) [5] NOx	NO	NO_2	RSP	FSP	Start Emission Rate outside bus terminus (g/s) NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	9.5E+00	8.7E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0600 - 0700	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
0700 - 0800	3.3E+01	3.0E+01	2.7E+00	0.0E+00	0.0E+00	9.1E-03	8.3E-03	7.6E-04	0.0E+00	0.0E+00
0800 - 0900	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
0900 - 1000	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1000 - 1100	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1100 - 1200	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1200 - 1300	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1300 - 1400	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1400 - 1500	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1500 - 1600	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1600 - 1700	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
1700 - 1800	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1800 - 1900	1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00	4.9E-03	4.5E-03	4.1E-04	0.0E+00	0.0E+00
1900 - 2000	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.8E-04	0.0E+00	0.0E+00
2000 - 2100	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2200 - 2300	1.1E+01	1.0E+01	9.1E-01	0.0E+00	0.0E+00	3.0E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	8.2E+00	7.5E+00	6.8E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	80	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	5.8E+00	5.4E+00	4.2E-01	1.9E-01	1.8E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	9.1E+00	8.4E+00	6.7E-01	3.0E-01	2.8E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	24	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.0E+01	1.8E+01	1.5E+00	6.6E-01	6.1E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	7.9E-01	3.6E-01	3.3E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1200 - 1300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1300 - 1400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1400 - 1500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	7.9E-01	3.6E-01	3.3E-01
1800 - 1900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	13	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	7.9E-01	3.6E-01	3.3E-01
1900 - 2000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	7.4E+00	6.9E+00	5.4E-01	2.5E-01	2.3E-01
2000 - 2100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.6E+00	6.1E+00	4.8E-01	2.2E-01	2.0E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.6E+00	6.1E+00	4.8E-01	2.2E-01	2.0E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.6E+00	6.1E+00	4.8E-01	2.2E-01	2.0E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	5.0E+00	4.6E+00	3.6E-01	1.7E-01	1.5E-01
Daily Total	0											192										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	8.9E+00	8.3E+00	6.6E-01	2.0E-01	2.0E-01	2.3E-03	2.3E-03	1.8E-04	6.0E-05	5.6E-05
0600 - 0700	1.4E+01	1.3E+01	1.0E+00	3.4E-01	3.2E-01	3.9E-03	3.6E-03	2.9E-04	9.4E-05	8.8E-05
0700 - 0800	3.1E+01	2.8E+01	2.2E+00	7.4E-01	6.9E-01	8.5E-03	7.9E-03	6.2E-04	2.1E-04	1.9E-04
0800 - 0900	1.7E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.6E-03	4.3E-03	3.4E-04	1.1E-04	1.0E-04
0900 - 1000	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1000 - 1100	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1100 - 1200	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1200 - 1300	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1300 - 1400	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1400 - 1500	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1500 - 1600	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1600 - 1700	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
1700 - 1800	1.7E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.6E-03	4.3E-03	3.4E-04	1.1E-04	1.0E-04
1800 - 1900	1.7E+01	1.5E+01	1.2E+00	4.0E-01	3.7E-01	4.6E-03	4.3E-03	3.4E-04	1.1E-04	1.0E-04
1900 - 2000	1.1E+01	1.1E+01	8.4E-01	2.8E-01	2.6E-01	3.2E-03	2.9E-03	2.3E-04	7.7E-05	7.2E-05
2000 - 2100	1.0E+01	9.4E+00	7.5E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2100 - 2200	1.0E+01	9.4E+00	7.5E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2200 - 2300	1.0E+01	9.4E+00	7.5E-01	2.5E-01	2.3E-01	2.8E-03	2.6E-03	2.1E-04	6.9E-05	6.4E-05
2300 - 2400	7.6E+00	7.1E+00	5.6E-01	1.9E-01	1.7E-01	2.1E-03	2.0E-03	1.6E-04	5.1E-05	4.8E-05
						max:	7.9E-03	6.2E-04	2.1E-04	1.9E-04

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.29	0.29	0.29	0.29
0.46	0.46	0.46	0.46
1.00	1.00	1.00	1.00
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
0.54	0.54	0.54	0.54
0.54	0.54	0.54	0.54
0.38	0.38	0.38	0.38
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.33	0.33	0.33	0.33
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Fu Tai Estate Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperature: 10 °C

Relative Humidity: 30 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	62

Total Start Emission of FBSD & FBDD (g)				
NOx	NO	NO2	RSP	FSP
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
	0											62										

Average Distance from Starting Place to Egress =	40	m
Average Spread Distance outside bus terminus =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	8.1E-02	7.5E-02	6.8E-03	0.0E+00	0.0E+00	1.3E+00	1.2E+00	1.1E-01	0.0E+00	0.0E+00	3.7E-04	3.4E-04	3.1E-05	0.0E+00	0.0E+00
0200 - 0300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0300 - 0400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0400 - 0500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
0500 - 0600	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0600 - 0700	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	6.5E-01	6.0E-01	5.4E-02	0.0E+00	0.0E+00	1.1E+01	9.9E+00	9.0E-01	0.0E+00	0.0E+00	3.0E-03	2.7E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0900 - 1000	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1000 - 1100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1100 - 1200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1200 - 1300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1300 - 1400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1400 - 1500	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1500 - 1600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1600 - 1700	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1700 - 1800	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1800 - 1900	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	8.1E+00	7.4E+00	6.7E-01	0.0E+00	0.0E+00	2.2E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1900 - 2000	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
2000 - 2100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2100 - 2200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2200 - 2300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2300 - 2400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.1E+00	2.0E+00	1.6E-01	7.3E-02	6.7E-02
0200 - 0300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
0300 - 0400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
0400 - 0500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	8.5E+00	7.9E+00	6.2E-01	2.9E-01	2.7E-01
0500 - 0600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.7E-01	2.2E-01	2.0E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.7E-01	2.2E-01	2.0E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.2E+00	5.8E-01	5.4E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	6.4E+00	5.9E+00	4.7E-01	2.2E-01	2.0E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1200 - 1300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1300 - 1400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1400 - 1500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
1800 - 1900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.3E+01	1.2E+01	9.3E-01	4.4E-01	4.0E-01
1900 - 2000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	8.5E+00	7.9E+00	6.2E-01	2.9E-01	2.7E-01
2000 - 2100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.3E+00	3.9E+00	3.1E-01	1.5E-01	1.3E-01
Daily Total	0											62										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	2.6E+00	2.4E+00	1.9E-01	7.6E-02	7.0E-02	7.2E-04	6.7E-04	5.3E-05	2.1E-05	1.9E-05
0200 - 0300	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
0300 - 0400	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
0400 - 0500	1.0E+01	9.6E+00	7.6E-01	3.0E-01	2.8E-01	2.9E-03	2.7E-03	2.1E-04	8.4E-05	7.8E-05
0500 - 0600	7.8E+00	7.2E+00	5.7E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0600 - 0700	7.8E+00	7.2E+00	5.7E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0700 - 0800	2.1E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.8E-03	5.3E-03	4.2E-04	1.7E-04	1.6E-04
0800 - 0900	7.8E+00	7.2E+00	5.7E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0900 - 1000	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1000 - 1100	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1100 - 1200	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1200 - 1300	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1300 - 1400	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1400 - 1500	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1500 - 1600	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1600 - 1700	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1700 - 1800	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
1800 - 1900	1.6E+01	1.4E+01	1.1E+00	4.6E-01	4.2E-01	4.3E-03	4.0E-03	3.2E-04	1.3E-04	1.2E-04
1900 - 2000	1.0E+01	9.6E+00	7.6E-01	3.0E-01	2.8E-01	2.9E-03	2.7E-03	2.1E-04	8.4E-05	7.8E-05
2000 - 2100	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
2100 - 2200	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
2200 - 2300	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
2300 - 2400	5.2E+00	4.8E+00	3.8E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.1E-04	4.2E-05	3.9E-05
						max:	5.3E-03	4.2E-04	1.7E-04	1.6E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
1.00	1.00	1.00	1.00
0.38	0.38	0.38	0.38
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Fu Tai Estate Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Soaking Time (min) / Hour	No. of Trips of FBSD: 5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

Soaking Time (min) / Hour	No. of Trips of FBDD: 5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	62

Total Start Emission of FBSD & FBDD (g): NOx	NO	NO2	RSP	FSP
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD Frequency	Cold Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	Cold Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP	FBDD Frequency	Cold Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	Cold Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD Frequency	Hot Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	Hot Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP	FBDD Frequency	Hot Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	Hot Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
	0											62										

Average Distance from Starting Place to Egress =	40	m
Average Spread Distance outside bus terminus =	660	m

Hour	Total Idling Emission (g) [2] NOx	NO	NO2	RSP	FSP	Idling Emission for Start Emission Adjustment (g) [3] NOx	NO	NO2	RSP	FSP	Adjusted Start Emission within bus terminus (g) [4] NOx	NO	NO2	RSP	FSP	Adjusted Start Emission outside bus terminus (g) [5] NOx	NO	NO2	RSP	FSP	Start Emission Rate outside bus terminus (g/s) NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	8.1E-02	7.5E-02	6.8E-03	0.0E+00	0.0E+00	1.3E+00	1.2E+00	1.1E-01	0.0E+00	0.0E+00	3.7E-04	3.4E-04	3.1E-05	0.0E+00	0.0E+00
0200 - 0300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0300 - 0400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0400 - 0500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
0500 - 0600	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0600 - 0700	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	6.5E-01	6.0E-01	5.4E-02	0.0E+00	0.0E+00	1.1E+01	9.9E+00	9.0E-01	0.0E+00	0.0E+00	3.0E-03	2.7E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0900 - 1000	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1000 - 1100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1100 - 1200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1200 - 1300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1300 - 1400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1400 - 1500	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1500 - 1600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1600 - 1700	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1700 - 1800	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1800 - 1900	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	8.1E+00	7.4E+00	6.7E-01	0.0E+00	0.0E+00	2.2E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1900 - 2000	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
2000 - 2100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2100 - 2200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2200 - 2300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2300 - 2400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	FBSD											FBDD									
	Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.0E+00	1.9E+00	1.5E-01	7.3E-02	6.7E-02
0200 - 0300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
0300 - 0400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
0400 - 0500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	8.1E+00	7.5E+00	5.9E-01	2.9E-01	2.7E-01
0500 - 0600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.1E+00	5.6E+00	4.4E-01	2.2E-01	2.0E-01
0600 - 0700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.1E+00	5.6E+00	4.4E-01	2.2E-01	2.0E-01
0700 - 0800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.6E+01	1.5E+01	1.2E+00	5.8E-01	5.3E-01
0800 - 0900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	6.1E+00	5.6E+00	4.4E-01	2.2E-01	2.0E-01
0900 - 1000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1000 - 1100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1100 - 1200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1200 - 1300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1300 - 1400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1400 - 1500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1500 - 1600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1600 - 1700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1700 - 1800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
1800 - 1900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.2E+01	1.1E+01	8.9E-01	4.4E-01	4.0E-01
1900 - 2000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	8.1E+00	7.5E+00	5.9E-01	2.9E-01	2.7E-01
2000 - 2100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
2100 - 2200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
2200 - 2300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
2300 - 2400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.0E+00	3.7E+00	3.0E-01	1.5E-01	1.3E-01
Daily Total	0											62										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	2.5E+00	2.3E+00	1.8E-01	7.6E-02	7.0E-02	6.9E-04	6.4E-04	5.1E-05	2.1E-05	1.9E-05
0200 - 0300	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
0300 - 0400	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
0400 - 0500	1.0E+01	9.2E+00	7.3E-01	3.0E-01	2.8E-01	2.8E-03	2.6E-03	2.0E-04	8.4E-05	7.8E-05
0500 - 0600	7.5E+00	6.9E+00	5.5E-01	2.3E-01	2.1E-01	2.1E-03	1.9E-03	1.5E-04	6.3E-05	5.8E-05
0600 - 0700	7.5E+00	6.9E+00	5.5E-01	2.3E-01	2.1E-01	2.1E-03	1.9E-03	1.5E-04	6.3E-05	5.8E-05
0700 - 0800	2.0E+01	1.8E+01	1.5E+00	6.1E-01	5.6E-01	5.5E-03	5.1E-03	4.1E-04	1.7E-04	1.6E-04
0800 - 0900	7.5E+00	6.9E+00	5.5E-01	2.3E-01	2.1E-01	2.1E-03	1.9E-03	1.5E-04	6.3E-05	5.8E-05
0900 - 1000	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1000 - 1100	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1100 - 1200	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1200 - 1300	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1300 - 1400	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1400 - 1500	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1500 - 1600	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1600 - 1700	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1700 - 1800	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1800 - 1900	1.5E+01	1.4E+01	1.1E+00	4.6E-01	4.2E-01	4.1E-03	3.8E-03	3.0E-04	1.3E-04	1.2E-04
1900 - 2000	1.0E+01	9.2E+00	7.3E-01	3.0E-01	2.8E-01	2.8E-03	2.6E-03	2.0E-04	8.4E-05	7.8E-05
2000 - 2100	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2100 - 2200	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2200 - 2300	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2300 - 2400	5.0E+00	4.6E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
						max	5.1E-03	4.1E-04	1.7E-04	1.6E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
1.00	1.00	1.00	1.00
0.38	0.38	0.38	0.38
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Fu Tai Estate Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 °C

Relative Humidity: 23 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Soaking Time (min) / Hour	No. of Trips of FBSD: 5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

Soaking Time (min) / Hour	No. of Trips of FBDD: 5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	62

Total Start Emission of FBSD & FBDD (g)				
NOx	NO	NO2	RSP	FSP
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					FBDD Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					FBDD Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
	0											62										

Average Distance from Starting Place to Egress =	40	m
Average Spread Distance outside bus terminus =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	8.1E-02	7.5E-02	6.8E-03	0.0E+00	0.0E+00	1.3E+00	1.2E+00	1.1E-01	0.0E+00	0.0E+00	3.7E-04	3.4E-04	3.1E-05	0.0E+00	0.0E+00
0200 - 0300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0300 - 0400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0400 - 0500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
0500 - 0600	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0600 - 0700	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	6.5E-01	6.0E-01	5.4E-02	0.0E+00	0.0E+00	1.1E+01	9.9E+00	9.0E-01	0.0E+00	0.0E+00	3.0E-03	2.7E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0900 - 1000	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1000 - 1100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1100 - 1200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1200 - 1300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1300 - 1400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1400 - 1500	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1500 - 1600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1600 - 1700	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1700 - 1800	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1800 - 1900	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	8.1E+00	7.4E+00	6.7E-01	0.0E+00	0.0E+00	2.2E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1900 - 2000	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
2000 - 2100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2100 - 2200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2200 - 2300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2300 - 2400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	FBSD											FBDD										
	Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.1E+00	1.9E+00	1.5E-01	7.3E-02	6.7E-02
0200 - 0300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
0300 - 0400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
0400 - 0500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	8.3E+00	7.7E+00	6.1E-01	2.9E-01	2.7E-01
0500 - 0600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.3E+00	5.8E+00	4.6E-01	2.2E-01	2.0E-01
0600 - 0700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.3E+00	5.8E+00	4.6E-01	2.2E-01	2.0E-01
0700 - 0800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.7E+01	1.5E+01	1.2E+00	5.8E-01	5.3E-01
0800 - 0900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	6.3E+00	5.8E+00	4.6E-01	2.2E-01	2.0E-01
0900 - 1000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1000 - 1100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1100 - 1200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1200 - 1300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1300 - 1400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1400 - 1500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1500 - 1600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1600 - 1700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1700 - 1800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
1800 - 1900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.3E+01	1.2E+01	9.1E-01	4.4E-01	4.0E-01
1900 - 2000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	8.3E+00	7.7E+00	6.1E-01	2.9E-01	2.7E-01
2000 - 2100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
2100 - 2200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
2200 - 2300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
2300 - 2400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.2E+00	3.9E+00	3.0E-01	1.5E-01	1.3E-01
Daily Total	0											62										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	2.6E+00	2.4E+00	1.9E-01	7.6E-02	7.0E-02	7.1E-04	6.6E-04	5.2E-05	2.1E-05	1.9E-05
0200 - 0300	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
0300 - 0400	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
0400 - 0500	1.0E+01	9.5E+00	7.5E-01	3.0E-01	2.8E-01	2.8E-03	2.6E-03	2.1E-04	8.4E-05	7.8E-05
0500 - 0600	7.7E+00	7.1E+00	5.6E-01	2.3E-01	2.1E-01	2.1E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0600 - 0700	7.7E+00	7.1E+00	5.6E-01	2.3E-01	2.1E-01	2.1E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0700 - 0800	2.0E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.7E-03	5.3E-03	4.2E-04	1.7E-04	1.6E-04
0800 - 0900	7.7E+00	7.1E+00	5.6E-01	2.3E-01	2.1E-01	2.1E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0900 - 1000	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1000 - 1100	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1100 - 1200	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1200 - 1300	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1300 - 1400	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1400 - 1500	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1500 - 1600	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1600 - 1700	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1700 - 1800	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
1800 - 1900	1.5E+01	1.4E+01	1.1E+00	4.6E-01	4.2E-01	4.3E-03	3.9E-03	3.1E-04	1.3E-04	1.2E-04
1900 - 2000	1.0E+01	9.5E+00	7.5E-01	3.0E-01	2.8E-01	2.8E-03	2.6E-03	2.1E-04	8.4E-05	7.8E-05
2000 - 2100	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2100 - 2200	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2200 - 2300	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
2300 - 2400	5.1E+00	4.7E+00	3.7E-01	1.5E-01	1.4E-01	1.4E-03	1.3E-03	1.0E-04	4.2E-05	3.9E-05
						max	5.3E-03	4.2E-04	1.7E-04	1.6E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
1.00	1.00	1.00	1.00
0.38	0.38	0.38	0.38
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Fu Tai Estate Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperature: 8 °C

Relative Humidity: 16 %

Start Emission

Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)

	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

No. of Trips of FBSD

Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		

Daily Total 0

Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)

	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

No. of Trips of FBDD

Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Daily Total 62

Total Start Emission of FBSD & FBDD (g)

Hour	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
0200 - 0300	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0300 - 0400	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0400 - 0500	6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
0500 - 0600	4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
0600 - 0700	4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
0700 - 0800	1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
0800 - 0900	4.9E+00	4.5E+00	4.0E-01	0.0E+00	0.0E+00
0900 - 1000	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1000 - 1100	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1100 - 1200	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1200 - 1300	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1300 - 1400	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1400 - 1500	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1500 - 1600	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1600 - 1700	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1700 - 1800	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
1800 - 1900	9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1900 - 2000	6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
2000 - 2100	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
2100 - 2200	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
2200 - 2300	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
2300 - 2400	3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Cold Idling

Hour	FBSD Frequency	FBSD Cold Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	FBSD Cold Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP	FBDD Frequency	FBDD Cold Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	FBDD Cold Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hot Idling

Hour	FBSD Frequency	FBSD Hot Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	FBSD Hot Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP	FBDD Frequency	FBDD Hot Idling Emission Factor (g/s) NOx	NO	NO2	RSP	FSP	FBDD Hot Idling Emission (g) [1] NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
	0											62										

Average Distance from Starting Place to Egress =	40	m
Average Spread Distance outside bus terminus =	660	m

Hour	Total Idling Emission (g) [2] NOx	NO	NO2	RSP	FSP	Idling Emission for Start Emission Adjustment (g) [3] NOx	NO	NO2	RSP	FSP	Adjusted Start Emission within bus terminus (g) [4] NOx	NO	NO2	RSP	FSP	Adjusted Start Emission outside bus terminus (g) [5] NOx	NO	NO2	RSP	FSP	Start Emission Rate outside bus terminus (g/s) NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	8.1E-02	7.5E-02	6.8E-03	0.0E+00	0.0E+00	1.3E+00	1.2E+00	1.1E-01	0.0E+00	0.0E+00	3.7E-04	3.4E-04	3.1E-05	0.0E+00	0.0E+00
0200 - 0300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0300 - 0400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
0400 - 0500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
0500 - 0600	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0600 - 0700	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	6.5E-01	6.0E-01	5.4E-02	0.0E+00	0.0E+00	1.1E+01	9.9E+00	9.0E-01	0.0E+00	0.0E+00	3.0E-03	2.7E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	5.8E-01	5.4E-01	4.2E-02	4.8E-03	4.8E-03	2.4E-01	2.2E-01	2.0E-02	0.0E+00	0.0E+00	4.0E+00	3.7E+00	3.4E-01	0.0E+00	0.0E+00	1.1E-03	1.0E-03	9.3E-05	0.0E+00	0.0E+00
0900 - 1000	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1000 - 1100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1100 - 1200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1200 - 1300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1300 - 1400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1400 - 1500	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1500 - 1600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1600 - 1700	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1700 - 1800	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
1800 - 1900	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	4.9E-01	4.5E-01	4.1E-02	0.0E+00	0.0E+00	8.1E+00	7.4E+00	6.7E-01	0.0E+00	0.0E+00	2.2E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1900 - 2000	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.3E-01	3.0E-01	2.7E-02	0.0E+00	0.0E+00	5.4E+00	4.9E+00	4.5E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.2E-04	0.0E+00	0.0E+00
2000 - 2100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2100 - 2200	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2200 - 2300	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00
2300 - 2400	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.6E-01	1.5E-01	1.4E-02	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.2E-01	0.0E+00	0.0E+00	7.5E-04	6.8E-04	6.2E-05	0.0E+00	0.0E+00

Confidential

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	FBSD											FBDD									
	Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km vehicle)					Running Emission (g)			
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.2E+00	2.0E+00	1.6E-01	7.3E-02	6.7E-02
0200 - 0300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
0300 - 0400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
0400 - 0500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	8.7E+00	8.0E+00	6.3E-01	2.9E-01	2.7E-01
0500 - 0600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.8E-01	2.2E-01	2.0E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.8E-01	2.2E-01	2.0E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.3E+00	5.8E-01	5.4E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	6.5E+00	6.0E+00	4.8E-01	2.2E-01	2.0E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1200 - 1300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1300 - 1400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1400 - 1500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
1800 - 1900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.3E+01	1.2E+01	9.5E-01	4.4E-01	4.0E-01
1900 - 2000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	8.7E+00	8.0E+00	6.3E-01	2.9E-01	2.7E-01
2000 - 2100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.3E+00	4.0E+00	3.2E-01	1.5E-01	1.3E-01
Daily Total	0											62										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	2.6E+00	2.4E+00	1.9E-01	7.6E-02	7.0E-02	7.3E-04	6.8E-04	5.4E-05	2.1E-05	1.9E-05
0200 - 0300	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
0300 - 0400	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
0400 - 0500	1.1E+01	9.8E+00	7.7E-01	3.0E-01	2.8E-01	2.9E-03	2.7E-03	2.2E-04	8.4E-05	7.8E-05
0500 - 0600	7.9E+00	7.3E+00	5.8E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0600 - 0700	7.9E+00	7.3E+00	5.8E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0700 - 0800	2.1E+01	2.0E+01	1.5E+00	6.1E-01	5.6E-01	5.9E-03	5.4E-03	4.3E-04	1.7E-04	1.6E-04
0800 - 0900	7.9E+00	7.3E+00	5.8E-01	2.3E-01	2.1E-01	2.2E-03	2.0E-03	1.6E-04	6.3E-05	5.8E-05
0900 - 1000	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1000 - 1100	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1100 - 1200	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1200 - 1300	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1300 - 1400	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1400 - 1500	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1500 - 1600	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1600 - 1700	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1700 - 1800	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
1800 - 1900	1.6E-01	1.5E+01	1.2E+00	4.6E-01	4.2E-01	4.4E-03	4.1E-03	3.2E-04	1.3E-04	1.2E-04
1900 - 2000	1.1E+01	9.8E+00	7.7E-01	3.0E-01	2.8E-01	2.9E-03	2.7E-03	2.2E-04	8.4E-05	7.8E-05
2000 - 2100	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
2100 - 2200	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
2200 - 2300	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
2300 - 2400	5.3E+00	4.9E+00	3.9E-01	1.5E-01	1.4E-01	1.5E-03	1.4E-03	1.1E-04	4.2E-05	3.9E-05
						max	5.4E-03	4.3E-04	1.7E-04	1.6E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.38	0.38	0.38	0.38
1.00	1.00	1.00	1.00
0.38	0.38	0.38	0.38
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperature: 10 °C

Relative Humidity: 30 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (Diesel) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total	143	

Total Start Emission of PLB (Diesel) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.43E-01	3.19E-01	1.24E-01	0.00E+00	0.00E+00
7.38E-01	5.31E-01	2.07E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)											PLB (Diesel)										
	Frequency	**Cold Idling Emission Factor (g/s)**					**Cold Idling Emission (g) [1]**					**Frequency**	**Hot Idling Emission Factor (g/s)**					**Hot Idling Emission (g) [1]**				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
Daily Total	0											143										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	590	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	9.87E-02	7.11E-02	2.76E-02	1.30E-03	1.30E-03	5.40E-02	3.89E-02	1.51E-02	0.00E+00	0.00E+00	2.90E-01	2.09E-01	8.11E-02	0.00E+00	0.00E+00	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03	1.64E-01	1.18E-01	4.60E-02	2.17E-03	2.17E-03	9.00E-02	6.48E-02	2.52E-02	0.00E+00	0.00E+00	4.83E-01	3.48E-01	1.35E-01	0.00E+00	0.00E+00	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.74E+00	2.63E+00	4.18E+00	5.44E+00	6.42E+00	7.11E+00	7.51E+00	7.68E+00	7.65E+00	7.61E+00	7.55E+00	7.48E+00	7.39E+00	7.29E+00	7.17E+00	7.04E+00	6.89E+00	6.73E+00
NO	1.73E+00	2.61E+00	4.16E+00	5.42E+00	6.39E+00	7.07E+00	7.47E+00	7.64E+00	7.62E+00	7.57E+00	7.51E+00	7.44E+00	7.36E+00	7.25E+00	7.14E+00	7.00E+00	6.86E+00	6.70E+00
NO2	8.70E-03	1.31E-02	2.09E-02	2.72E-02	3.21E-02	3.56E-02	3.76E-02	3.84E-02	3.83E-02	3.81E-02	3.78E-02	3.74E-02	3.70E-02	3.65E-02	3.59E-02	3.52E-02	3.45E-02	3.37E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	47

Total Start Emission of PLB (LPG) (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.18E+00	4.16E+00	2.09E-02	0.00E+00	0.00E+00
4.18E+00	4.16E+00	2.09E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
1.25E+01	1.25E+01	6.27E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00
8.36E+00	8.31E+00	4.18E-02	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03
Daily Total	0											47										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	40	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.83E+00	2.82E+00	1.42E-02	0.00E+00	0.00E+00	1.03E+00	1.03E+00	5.15E-03	0.00E+00	0.00E+00	2.86E-04	2.85E-04	1.43E-06	0.00E+00	0.00E+00
0600 - 0700	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.83E+00	2.82E+00	1.42E-02	0.00E+00	0.00E+00	1.03E+00	1.03E+00	5.15E-03	0.00E+00	0.00E+00	2.86E-04	2.85E-04	1.43E-06	0.00E+00	0.00E+00
0700 - 0800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
0800 - 0900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
0900 - 1000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1000 - 1100	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1100 - 1200	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1200 - 1300	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1300 - 1400	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
1400 - 1500	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1500 - 1600	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1600 - 1700	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1700 - 1800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1800 - 1900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
1900 - 2000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2000 - 2100	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2100 - 2200	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.71E-03	1.60E-03	1.60E-03	8.50E+00	8.46E+00	4.25E-02	0.00E+00	0.00E+00	3.09E+00	3.08E+00	1.55E-02	0.00E+00	0.00E+00	8.59E-04	8.55E-04	4.30E-06	0.00E+00	0.00E+00
2200 - 2300	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00
2300 - 2400	1.88E+00	1.87E+00	9.42E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.14E-03	1.07E-03	1.07E-03	5.67E+00	5.64E+00	2.83E-02	0.00E+00	0.00E+00	2.06E+00	2.05E+00	1.03E-02	0.00E+00	0.00E+00	5.73E-04	5.70E-04	2.86E-06	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	200	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.89E-01	4.24E-01	1.65E-01	3.82E-02	3.51E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	3.79E-01	3.77E-01	1.90E-03	0.00E+00	0.00E+00
0600 - 0700	5	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	3.79E-01	3.77E-01	1.90E-03	0.00E+00	0.00E+00
0700 - 0800	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
0800 - 0900	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
0900 - 1000	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1000 - 1100	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
1100 - 1200	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
1200 - 1300	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
1300 - 1400	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
1400 - 1500	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1500 - 1600	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1600 - 1700	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1700 - 1800	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1800 - 1900	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
1900 - 2000	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
2000 - 2100	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
2100 - 2200	9	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.77E+00	1.27E+00	4.94E-01	1.14E-01	1.05E-01	3	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	1.14E+00	1.13E+00	5.70E-03	0.00E+00	0.00E+00
2200 - 2300	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
2300 - 2400	6	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	1.18E+00	8.48E-01	3.30E-01	7.63E-02	7.02E-02	2	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	7.59E-01	7.55E-01	3.80E-03	0.00E+00	0.00E+00
Daily Total	143											47										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.09E+00	4.81E+00	2.84E-01	4.37E-02	4.06E-02	1.41E-03	1.34E-03	7.88E-05	1.21E-05	1.13E-05
0600 - 0700	5.72E+00	5.26E+00	4.59E-01	7.17E-02	6.66E-02	1.59E-03	1.46E-03	1.27E-04	1.99E-05	1.85E-05
0700 - 0800	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
0800 - 0900	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
0900 - 1000	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1000 - 1100	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1100 - 1200	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1200 - 1300	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1300 - 1400	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
1400 - 1500	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1500 - 1600	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1600 - 1700	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1700 - 1800	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1800 - 1900	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
1900 - 2000	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2000 - 2100	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2100 - 2200	1.53E+01	1.44E+01	8.51E-01	1.31E-01	1.22E-01	4.24E-03	4.01E-03	2.36E-04	3.64E-05	3.38E-05
2200 - 2300	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
2300 - 2400	1.02E+01	9.62E+00	5.67E-01	8.73E-02	8.12E-02	2.83E-03	2.67E-03	1.58E-04	2.43E-05	2.26E-05
						max:	4.01E-03	2.36E-04	3.64E-05	3.38E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.33	0.33	0.33	0.33
0.36	0.54	0.55	0.55
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (Diesel) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total		143

Total Start Emission of PLB (Diesel) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.43E-01	3.19E-01	1.24E-01	0.00E+00	0.00E+00
7.38E-01	5.31E-01	2.07E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)										PLB (Diesel)									
	Frequenc y	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequenc y	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
Daily Total	0											143										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	590	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	9.87E-02	7.11E-02	2.76E-02	1.30E-03	1.30E-03	5.40E-02	3.89E-02	1.51E-02	0.00E+00	0.00E+00	2.90E-01	2.09E-01	8.11E-02	0.00E+00	0.00E+00	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03	1.64E-01	1.18E-01	4.60E-02	2.17E-03	2.17E-03	9.00E-02	6.48E-02	2.52E-02	0.00E+00	0.00E+00	4.83E-01	3.48E-01	1.35E-01	0.00E+00	0.00E+00	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.58E+00	2.39E+00	3.80E+00	4.94E+00	5.83E+00	6.46E+00	6.82E+00	6.89E+00	6.87E+00	6.83E+00	6.79E+00	6.78E+00	6.71E+00	6.63E+00	6.54E+00	6.43E+00	6.32E+00	6.18E+00	6.04E+00
NO	1.58E+00	2.37E+00	3.78E+00	4.92E+00	5.80E+00	6.42E+00	6.79E+00	6.86E+00	6.83E+00	6.79E+00	6.74E+00	6.68E+00	6.60E+00	6.51E+00	6.40E+00	6.28E+00	6.15E+00	6.01E+00
NO2	7.90E-03	1.19E-02	1.90E-02	2.47E-02	2.92E-02	3.23E-02	3.41E-02	3.45E-02	3.43E-02	3.41E-02	3.39E-02	3.36E-02	3.32E-02	3.27E-02	3.22E-02	3.16E-02	3.09E-02	3.02E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	47

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3.80E+00	3.78E+00	1.90E-02	0.00E+00	0.00E+00
3.80E+00	3.78E+00	1.90E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
1.14E+01	1.13E+01	5.70E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00
7.59E+00	7.55E+00	3.80E-02	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
Daily Total	0											47										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	40	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.55E+00	2.54E+00	1.28E-02	0.00E+00	0.00E+00	9.28E-01	9.24E-01	4.65E-03	0.00E+00	0.00E+00	2.58E-04	2.57E-04	1.29E-06	0.00E+00	0.00E+00
0600 - 0700	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.55E+00	2.54E+00	1.28E-02	0.00E+00	0.00E+00	9.28E-01	9.24E-01	4.65E-03	0.00E+00	0.00E+00	2.58E-04	2.57E-04	1.29E-06	0.00E+00	0.00E+00
0700 - 0800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
0800 - 0900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
0900 - 1000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1000 - 1100	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1100 - 1200	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1200 - 1300	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1300 - 1400	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
1400 - 1500	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1500 - 1600	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1600 - 1700	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1700 - 1800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1800 - 1900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
1900 - 2000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2000 - 2100	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2100 - 2200	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.66E+00	7.62E+00	3.84E-02	0.00E+00	0.00E+00	2.79E+00	2.77E+00	1.39E-02	0.00E+00	0.00E+00	7.74E-04	7.70E-04	3.87E-06	0.00E+00	0.00E+00
2200 - 2300	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00
2300 - 2400	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.11E+00	5.08E+00	2.56E-02	0.00E+00	0.00E+00	1.86E+00	1.85E+00	9.30E-03	0.00E+00	0.00E+00	5.16E-04	5.13E-04	2.58E-06	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	200	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.59E-01	4.02E-01	1.56E-01	3.82E-02	3.51E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	3.24E-01	3.23E-01	1.62E-03	0.00E+00	0.00E+00
0600 - 0700	5	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	3.24E-01	3.23E-01	1.62E-03	0.00E+00	0.00E+00
0700 - 0800	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
0800 - 0900	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
0900 - 1000	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1000 - 1100	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
1100 - 1200	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
1200 - 1300	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
1300 - 1400	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
1400 - 1500	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1500 - 1600	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1600 - 1700	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1700 - 1800	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1800 - 1900	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
1900 - 2000	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
2000 - 2100	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
2100 - 2200	9	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.68E+00	1.21E+00	4.69E-01	1.14E-01	1.05E-01	3	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	9.73E-01	9.69E-01	4.86E-03	0.00E+00	0.00E+00
2200 - 2300	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
2300 - 2400	6	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	1.12E+00	8.04E-01	3.13E-01	7.63E-02	7.02E-02	2	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	6.49E-01	6.46E-01	3.24E-03	0.00E+00	0.00E+00
Daily Total	143											47										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	4.73E+00	4.45E+00	2.73E-01	4.37E-02	4.06E-02	1.31E-03	1.24E-03	7.60E-05	1.21E-05	1.13E-05
0600 - 0700	5.33E+00	4.89E+00	4.43E-01	7.17E-02	6.66E-02	1.48E-03	1.36E-03	1.23E-04	1.99E-05	1.85E-05
0700 - 0800	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
0800 - 0900	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
0900 - 1000	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1000 - 1100	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1100 - 1200	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1200 - 1300	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1300 - 1400	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
1400 - 1500	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1500 - 1600	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1600 - 1700	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1700 - 1800	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1800 - 1900	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
1900 - 2000	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2000 - 2100	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2100 - 2200	1.42E+01	1.34E+01	8.20E-01	1.31E-01	1.22E-01	3.94E-03	3.71E-03	2.28E-04	3.64E-05	3.38E-05
2200 - 2300	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
2300 - 2400	9.45E+00	8.91E+00	5.47E-01	8.73E-02	8.12E-02	2.63E-03	2.47E-03	1.52E-04	2.43E-05	2.26E-05
						max:	3.71E-03	2.28E-04	3.64E-05	3.38E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.33	0.33	0.33	0.33
0.37	0.54	0.55	0.55
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 °C

Relative Humidity: 23 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (Diesel) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total		143

Total Start Emission of PLB (Diesel) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.43E-01	3.19E-01	1.24E-01	0.00E+00	0.00E+00
7.38E-01	5.31E-01	2.07E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)										PLB (Diesel)									
	Frequenc y	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequenc y	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
Daily Total	0											143										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	590	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	9.87E-02	7.11E-02	2.76E-02	1.30E-03	1.30E-03	5.40E-02	3.89E-02	1.51E-02	0.00E+00	0.00E+00	2.90E-01	2.09E-01	8.11E-02	0.00E+00	0.00E+00	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03	1.64E-01	1.18E-01	4.60E-02	2.17E-03	2.17E-03	9.00E-02	6.48E-02	2.52E-02	0.00E+00	0.00E+00	4.83E-01	3.48E-01	1.35E-01	0.00E+00	0.00E+00	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	8.88E-01	6.40E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.55E+00	2.34E+00	3.71E+00	4.84E+00	5.71E+00	6.32E+00	6.68E+00	6.73E+00	6.70E+00	6.67E+00	6.61E+00	6.55E+00	6.47E+00	6.38E+00	6.28E+00	6.16E+00	6.04E+00	5.89E+00
NO	1.54E+00	2.32E+00	3.70E+00	4.81E+00	5.68E+00	6.29E+00	6.65E+00	6.69E+00	6.67E+00	6.63E+00	6.58E+00	6.52E+00	6.44E+00	6.35E+00	6.25E+00	6.13E+00	6.01E+00	5.86E+00
NO2	7.80E-03	1.17E-02	1.86E-02	2.42E-02	2.85E-02	3.16E-02	3.34E-02	3.36E-02	3.35E-02	3.33E-02	3.31E-02	3.28E-02	3.24E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.95E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	47

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3.71E+00	3.70E+00	1.86E-02	0.00E+00	0.00E+00
3.71E+00	3.70E+00	1.86E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
1.11E+01	1.11E+01	5.58E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00
7.43E+00	7.39E+00	3.72E-02	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03
Daily Total	0											47										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	40	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.49E+00	2.48E+00	1.25E-02	0.00E+00	0.00E+00	9.07E-01	9.02E-01	4.54E-03	0.00E+00	0.00E+00	2.52E-04	2.51E-04	1.26E-06	0.00E+00	0.00E+00
0600 - 0700	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.57E-03	5.35E-04	5.35E-04	2.49E+00	2.48E+00	1.25E-02	0.00E+00	0.00E+00	9.07E-01	9.02E-01	4.54E-03	0.00E+00	0.00E+00	2.52E-04	2.51E-04	1.26E-06	0.00E+00	0.00E+00
0700 - 0800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
0800 - 0900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
0900 - 1000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1000 - 1100	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1100 - 1200	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1200 - 1300	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1300 - 1400	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
1400 - 1500	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1500 - 1600	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1600 - 1700	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1700 - 1800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1800 - 1900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
1900 - 2000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2000 - 2100	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2100 - 2200	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.70E-03	1.60E-03	1.60E-03	7.48E+00	7.45E+00	3.75E-02	0.00E+00	0.00E+00	2.72E+00	2.71E+00	1.36E-02	0.00E+00	0.00E+00	7.56E-04	7.52E-04	3.79E-06	0.00E+00	0.00E+00
2200 - 2300	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00
2300 - 2400	1.88E+00	1.87E+00	9.39E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	4.99E+00	4.96E+00	2.50E-02	0.00E+00	0.00E+00	1.81E+00	1.80E+00	9.09E-03	0.00E+00	0.00E+00	5.04E-04	5.01E-04	2.52E-06	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	200	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)										PLB (LPG)										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.76E-01	4.15E-01	1.61E-01	3.82E-02	3.51E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	3.37E-01	3.35E-01	1.68E-03	0.00E+00	0.00E+00
0600 - 0700	5	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	3.37E-01	3.35E-01	1.68E-03	0.00E+00	0.00E+00
0700 - 0800	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
0800 - 0900	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
0900 - 1000	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1000 - 1100	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
1100 - 1200	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
1200 - 1300	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
1300 - 1400	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
1400 - 1500	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1500 - 1600	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1600 - 1700	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1700 - 1800	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1800 - 1900	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
1900 - 2000	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
2000 - 2100	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
2100 - 2200	9	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.73E+00	1.24E+00	4.84E-01	1.14E-01	1.05E-01	3	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	1.01E+00	1.00E+00	5.04E-03	0.00E+00	0.00E+00
2200 - 2300	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
2300 - 2400	6	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	1.15E+00	8.30E-01	3.23E-01	7.63E-02	7.02E-02	2	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	6.73E-01	6.70E-01	3.36E-03	0.00E+00	0.00E+00
Daily Total	143											47										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)										PLB (LPG)										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	4.70E+00	4.42E+00	2.78E-01	4.37E-02	4.06E-02	1.30E-03	1.23E-03	7.73E-05	1.21E-05	1.13E-05
0600 - 0700	5.32E+00	4.86E+00	4.51E-01	7.17E-02	6.66E-02	1.48E-03	1.35E-03	1.25E-04	1.99E-05	1.85E-05
0700 - 0800	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
0800 - 0900	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
0900 - 1000	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1000 - 1100	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1100 - 1200	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1200 - 1300	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1300 - 1400	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
1400 - 1500	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1500 - 1600	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1600 - 1700	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1700 - 1800	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1800 - 1900	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
1900 - 2000	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2000 - 2100	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2100 - 2200	1.41E+01	1.33E+01	8.34E-01	1.31E-01	1.22E-01	3.91E-03	3.68E-03	2.32E-04	3.64E-05	3.38E-05
2200 - 2300	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
2300 - 2400	9.40E+00	8.84E+00	5.56E-01	8.73E-02	8.12E-02	2.61E-03	2.46E-03	1.55E-04	2.43E-05	2.26E-05
						max:	3.68E-03	2.32E-04	3.64E-05	3.38E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.33	0.33	0.33	0.33
0.37	0.54	0.55	0.55
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Fu Tai Estate Public Transport Interchange (Public Light Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperature: 8 °C

Relative Humidity: 16 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (Diesel) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total		143

Total Start Emission of PLB (Diesel) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.43E-01	3.19E-01	1.24E-01	0.00E+00	0.00E+00
7.38E-01	5.31E-01	2.07E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
1.33E+00	9.56E-01	3.72E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00
8.85E-01	6.37E-01	2.48E-01	0.00E+00	0.00E+00

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)										PLB (Diesel)									
	Frequenc y	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequenc y	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03
Daily Total	0											143										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	590	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	9.87E-02	7.11E-02	2.76E-02	1.30E-03	1.30E-03	5.40E-02	3.89E-02	1.51E-02	0.00E+00	0.00E+00	2.90E-01	2.09E-01	8.11E-02	0.00E+00	0.00E+00	8.05E-05	5.80E-05	2.25E-05	0.00E+00	0.00E+00
0600 - 0700	4.93E-01	3.55E-01	1.38E-01	6.50E-03	6.50E-03	1.64E-01	1.18E-01	4.61E-02	2.17E-03	2.17E-03	9.00E-02	6.48E-02	2.52E-02	0.00E+00	0.00E+00	4.83E-01	3.48E-01	1.35E-01	0.00E+00	0.00E+00	1.34E-04	9.66E-05	3.76E-05	0.00E+00	0.00E+00
0700 - 0800	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0800 - 0900	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
0900 - 1000	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1000 - 1100	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1100 - 1200	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1200 - 1300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1300 - 1400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
1400 - 1500	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1500 - 1600	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1600 - 1700	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1700 - 1800	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1800 - 1900	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
1900 - 2000	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2000 - 2100	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2100 - 2200	8.88E-01	6.39E-01	2.49E-01	1.17E-02	1.17E-02	2.96E-01	2.13E-01	8.29E-02	3.90E-03	3.90E-03	1.62E-01	1.17E-01	4.54E-02	0.00E+00	0.00E+00	8.69E-01	6.26E-01	2.43E-01	0.00E+00	0.00E+00	2.41E-04	1.74E-04	6.76E-05	0.00E+00	0.00E+00
2200 - 2300	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00
2300 - 2400	5.92E-01	4.26E-01	1.66E-01	7.80E-03	7.80E-03	1.97E-01	1.42E-01	5.53E-02	2.60E-03	2.60E-03	1.08E-01	7.78E-02	3.03E-02	0.00E+00	0.00E+00	5.80E-01	4.17E-01	1.62E-01	0.00E+00	0.00E+00	1.61E-04	1.16E-04	4.51E-05	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.78E+00	2.68E+00	4.27E+00	5.56E+00	6.56E+00	7.26E+00	7.67E+00	7.87E+00	7.84E+00	7.80E+00	7.74E+00	7.66E+00	7.57E+00	7.47E+00	7.35E+00	7.21E+00	7.06E+00	6.89E+00
NO	1.77E+00	2.67E+00	4.25E+00	5.53E+00	6.53E+00	7.23E+00	7.64E+00	7.83E+00	7.80E+00	7.76E+00	7.70E+00	7.62E+00	7.53E+00	7.43E+00	7.31E+00	7.17E+00	7.02E+00	6.86E+00
NO2	8.90E-03	1.34E-02	2.13E-02	2.78E-02	3.28E-02	3.63E-02	3.84E-02	3.94E-02	3.92E-02	3.90E-02	3.87E-02	3.83E-02	3.79E-02	3.73E-02	3.67E-02	3.61E-02	3.53E-02	3.45E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	47

Total Start Emission of PLB (LPG) (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.27E+00	4.25E+00	2.13E-02	0.00E+00	0.00E+00
4.27E+00	4.25E+00	2.13E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
1.28E+01	1.27E+01	6.39E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00
8.54E+00	8.49E+00	4.26E-02	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03
0600 - 0700	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03
0700 - 0800	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0800 - 0900	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
0900 - 1000	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1000 - 1100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
1100 - 1200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
1200 - 1300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
1300 - 1400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
1400 - 1500	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1500 - 1600	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1600 - 1700	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1700 - 1800	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1800 - 1900	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
1900 - 2000	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2000 - 2100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2100 - 2200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03
2200 - 2300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
2300 - 2400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03
Daily Total	0											47										

Average Distance from Starting Place to Egress =	110	m
Average Spread Distance outside bus terminus =	40	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.56E-03	5.35E-04	5.35E-04	2.90E+00	2.89E+00	1.45E-02	0.00E+00	0.00E+00	1.05E+00	1.05E+00	5.26E-03	0.00E+00	0.00E+00	2.93E-04	2.91E-04	1.46E-06	0.00E+00	0.00E+00
0600 - 0700	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	3.14E-01	3.12E-01	1.56E-03	5.35E-04	5.35E-04	2.90E+00	2.89E+00	1.45E-02	0.00E+00	0.00E+00	1.05E+00	1.05E+00	5.26E-03	0.00E+00	0.00E+00	2.93E-04	2.91E-04	1.46E-06	0.00E+00	0.00E+00
0700 - 0800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
0800 - 0900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
0900 - 1000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1000 - 1100	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1100 - 1200	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1200 - 1300	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1300 - 1400	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
1400 - 1500	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1500 - 1600	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1600 - 1700	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1700 - 1800	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1800 - 1900	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
1900 - 2000	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2000 - 2100	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2100 - 2200	2.82E+00	2.81E+00	1.41E-02	4.81E-03	4.81E-03	9.41E-01	9.36E-01	4.69E-03	1.60E-03	1.60E-03	8.70E+00	8.66E+00	4.34E-02	0.00E+00	0.00E+00	3.16E+00	3.15E+00	1.58E-02	0.00E+00	0.00E+00	8.79E-04	8.74E-04	4.39E-06	0.00E+00	0.00E+00
2200 - 2300	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00
2300 - 2400	1.88E+00	1.87E+00	9.38E-03	3.21E-03	3.21E-03	6.27E-01	6.24E-01	3.13E-03	1.07E-03	1.07E-03	5.80E+00	5.77E+00	2.89E-02	0.00E+00	0.00E+00	2.11E+00	2.10E+00	1.05E-02	0.00E+00	0.00E+00	5.86E-04	5.83E-04	2.92E-06	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	200	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	6.00E-01	4.32E-01	1.68E-01	3.82E-02	3.51E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	3.97E-01	3.95E-01	1.98E-03	0.00E+00	0.00E+00
0600 - 0700	5	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	3.97E-01	3.95E-01	1.98E-03	0.00E+00	0.00E+00
0700 - 0800	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
0800 - 0900	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
0900 - 1000	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1000 - 1100	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
1100 - 1200	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
1200 - 1300	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
1300 - 1400	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
1400 - 1500	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1500 - 1600	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1600 - 1700	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1700 - 1800	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1800 - 1900	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
1900 - 2000	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
2000 - 2100	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
2100 - 2200	9	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.80E+00	1.30E+00	5.04E-01	1.14E-01	1.05E-01	3	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	1.19E+00	1.19E+00	5.94E-03	0.00E+00	0.00E+00
2200 - 2300	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
2300 - 2400	6	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	1.20E+00	8.64E-01	3.36E-01	7.63E-02	7.02E-02	2	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	7.94E-01	7.90E-01	3.96E-03	0.00E+00	0.00E+00
Daily Total	143											47										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.19E+00	4.90E+00	2.87E-01	4.37E-02	4.06E-02	1.44E-03	1.36E-03	7.98E-05	1.21E-05	1.13E-05
0600 - 0700	5.82E+00	5.36E+00	4.64E-01	7.17E-02	6.66E-02	1.62E-03	1.49E-03	1.29E-04	1.99E-05	1.85E-05
0700 - 0800	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
0800 - 0900	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
0900 - 1000	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1000 - 1100	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1100 - 1200	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1200 - 1300	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1300 - 1400	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
1400 - 1500	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1500 - 1600	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1600 - 1700	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1700 - 1800	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1800 - 1900	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
1900 - 2000	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2000 - 2100	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2100 - 2200	1.56E+01	1.47E+01	8.61E-01	1.31E-01	1.22E-01	4.32E-03	4.08E-03	2.39E-04	3.64E-05	3.38E-05
2200 - 2300	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
2300 - 2400	1.04E+01	9.80E+00	5.74E-01	8.73E-02	8.12E-02	2.88E-03	2.72E-03	1.60E-04	2.43E-05	2.26E-05
						max:	4.08E-03	2.39E-04	3.64E-05	3.38E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.33	0.33	0.33	0.33
0.36	0.54	0.55	0.55
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Fu Tai Estate Public Transport Interchange (Non-Franchised Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter
Temperature: 10 °C
Relative Humidity: 30 %

Start Emission

	Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB9 [10]																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total		99

Total Start Emission of NFB9 (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
2.69E+00	1.80E+00	8.87E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB9										NFB9									
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
0700 - 0800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
0900 - 1000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
1000 - 1100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1100 - 1200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1200 - 1300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1300 - 1400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1400 - 1500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1600 - 1700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1700 - 1800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1800 - 1900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1900 - 2000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2000 - 2100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2100 - 2200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
2200 - 2300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
2300 - 2400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
Daily Total	0											99										

Average Distance from Stop/Starting Place to Egress =	40	m
Average Spread Distance outside Public Transport Interchange =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03	4.10E-01	2.74E-01	1.35E-01	2.34E-03	2.34E-03	1.30E-01	8.72E-02	4.29E-02	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.08E-01	0.00E+00	0.00E+00	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	NFB9										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.84E+00	1.23E+00	6.08E-01	4.83E-02	4.45E-02
0600 - 0700	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
0700 - 0800	9	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	8.29E+00	5.56E+00	2.74E+00	2.18E-01	2.00E-01
0800 - 0900	8	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	7.37E+00	4.94E+00	2.43E+00	1.93E-01	1.78E-01
0900 - 1000	8	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	7.37E+00	4.94E+00	2.43E+00	1.93E-01	1.78E-01
1000 - 1100	7	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	6.45E+00	4.32E+00	2.13E+00	1.69E-01	1.56E-01
1100 - 1200	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
1200 - 1300	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
1300 - 1400	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
1400 - 1500	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
1500 - 1600	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
1600 - 1700	6	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	5.53E+00	3.70E+00	1.82E+00	1.45E-01	1.33E-01
1700 - 1800	6	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	5.53E+00	3.70E+00	1.82E+00	1.45E-01	1.33E-01
1800 - 1900	7	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	6.45E+00	4.32E+00	2.13E+00	1.69E-01	1.56E-01
1900 - 2000	7	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	6.45E+00	4.32E+00	2.13E+00	1.69E-01	1.56E-01
2000 - 2100	7	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	6.45E+00	4.32E+00	2.13E+00	1.69E-01	1.56E-01
2100 - 2200	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	3.69E+00	2.47E+00	1.22E+00	9.67E-02	8.90E-02
2200 - 2300	2	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.84E+00	1.23E+00	6.08E-01	4.83E-02	4.45E-02
2300 - 2400	2	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.84E+00	1.23E+00	6.08E-01	4.83E-02	4.45E-02
Daily Total	99										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	5	min

Hour	NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.05E+00	1.38E+00	6.78E-01	4.94E-02	4.55E-02	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
0600 - 0700	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
0700 - 0800	9.24E+00	6.19E+00	3.05E+00	2.22E-01	2.05E-01	2.57E-03	1.72E-03	8.47E-04	6.17E-05	5.69E-05
0800 - 0900	8.22E+00	5.50E+00	2.71E+00	1.98E-01	1.82E-01	2.28E-03	1.53E-03	7.53E-04	5.49E-05	5.06E-05
0900 - 1000	8.22E+00	5.50E+00	2.71E+00	1.98E-01	1.82E-01	2.28E-03	1.53E-03	7.53E-04	5.49E-05	5.06E-05
1000 - 1100	7.19E+00	4.82E+00	2.37E+00	1.73E-01	1.59E-01	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
1100 - 1200	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1200 - 1300	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1300 - 1400	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1400 - 1500	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1500 - 1600	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
1600 - 1700	6.16E+00	4.13E+00	2.03E+00	1.48E-01	1.37E-01	1.71E-03	1.15E-03	5.65E-04	4.12E-05	3.79E-05
1700 - 1800	6.16E+00	4.13E+00	2.03E+00	1.48E-01	1.37E-01	1.71E-03	1.15E-03	5.65E-04	4.12E-05	3.79E-05
1800 - 1900	7.19E+00	4.82E+00	2.37E+00	1.73E-01	1.59E-01	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
1900 - 2000	7.19E+00	4.82E+00	2.37E+00	1.73E-01	1.59E-01	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
2000 - 2100	7.19E+00	4.82E+00	2.37E+00	1.73E-01	1.59E-01	2.00E-03	1.34E-03	6.59E-04	4.80E-05	4.43E-05
2100 - 2200	4.11E+00	2.75E+00	1.36E+00	9.88E-02	9.10E-02	1.14E-03	7.65E-04	3.77E-04	2.74E-05	2.53E-05
2200 - 2300	2.05E+00	1.38E+00	6.78E-01	4.94E-02	4.55E-02	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
2300 - 2400	2.05E+00	1.38E+00	6.78E-01	4.94E-02	4.55E-02	5.71E-04	3.82E-04	1.88E-04	1.37E-05	1.26E-05
					max:	1.72E-03	8.47E-04	6.17E-05	5.69E-05	

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.22	0.22	0.22	0.22
0.44	0.44	0.44	0.44
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.89	0.89	0.89	0.89
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.22	0.22	0.22	0.22
0.22	0.22	0.22	0.22

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of NFB9 (g) + Hot Idling Emission of NFB9 (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Fu Tai Estate Public Transport Interchange (Non-Franchised Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter
Temperature: 19 °C
Relative Humidity: 40 %

Start Emission

	Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB9 [10]																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	99

Total Start Emission of NFB9 (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
2.69E+00	1.80E+00	8.87E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB9										NFB9									
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
0700 - 0800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
0900 - 1000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
1000 - 1100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1100 - 1200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1200 - 1300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1300 - 1400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1400 - 1500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1600 - 1700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1700 - 1800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1800 - 1900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1900 - 2000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2000 - 2100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2100 - 2200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
2200 - 2300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
2300 - 2400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
Daily Total	0											99										

Average Distance from Stop/Starting Place to Egress =	40	m
Average Spread Distance outside Public Transport Interchange =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03	4.10E-01	2.74E-01	1.35E-01	2.34E-03	2.34E-03	1.30E-01	8.72E-02	4.29E-02	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.08E-01	0.00E+00	0.00E+00	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	NFB9										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.75E+00	1.17E+00	5.77E-01	4.83E-02	4.45E-02
0600 - 0700	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
0700 - 0800	9	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	7.87E+00	5.27E+00	2.60E+00	2.18E-01	2.00E-01
0800 - 0900	8	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	7.00E+00	4.69E+00	2.31E+00	1.93E-01	1.78E-01
0900 - 1000	8	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	7.00E+00	4.69E+00	2.31E+00	1.93E-01	1.78E-01
1000 - 1100	7	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.12E+00	4.10E+00	2.02E+00	1.69E-01	1.56E-01
1100 - 1200	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
1200 - 1300	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
1300 - 1400	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
1400 - 1500	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
1500 - 1600	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
1600 - 1700	6	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	5.25E+00	3.52E+00	1.73E+00	1.45E-01	1.33E-01
1700 - 1800	6	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	5.25E+00	3.52E+00	1.73E+00	1.45E-01	1.33E-01
1800 - 1900	7	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.12E+00	4.10E+00	2.02E+00	1.69E-01	1.56E-01
1900 - 2000	7	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.12E+00	4.10E+00	2.02E+00	1.69E-01	1.56E-01
2000 - 2100	7	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.12E+00	4.10E+00	2.02E+00	1.69E-01	1.56E-01
2100 - 2200	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	3.50E+00	2.34E+00	1.15E+00	9.67E-02	8.90E-02
2200 - 2300	2	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.75E+00	1.17E+00	5.77E-01	4.83E-02	4.45E-02
2300 - 2400	2	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.75E+00	1.17E+00	5.77E-01	4.83E-02	4.45E-02
Daily Total	99										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	5	min

Hour	NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.96E+00	1.31E+00	6.47E-01	4.94E-02	4.55E-02	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
0600 - 0700	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
0700 - 0800	8.82E+00	5.91E+00	2.91E+00	2.22E-01	2.05E-01	2.45E-03	1.64E-03	8.08E-04	6.17E-05	5.69E-05
0800 - 0900	7.84E+00	5.25E+00	2.59E+00	1.98E-01	1.82E-01	2.18E-03	1.46E-03	7.19E-04	5.49E-05	5.06E-05
0900 - 1000	7.84E+00	5.25E+00	2.59E+00	1.98E-01	1.82E-01	2.18E-03	1.46E-03	7.19E-04	5.49E-05	5.06E-05
1000 - 1100	6.86E+00	4.60E+00	2.26E+00	1.73E-01	1.59E-01	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
1100 - 1200	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1200 - 1300	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1300 - 1400	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1400 - 1500	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1500 - 1600	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
1600 - 1700	5.88E+00	3.94E+00	1.94E+00	1.48E-01	1.37E-01	1.63E-03	1.09E-03	5.39E-04	4.12E-05	3.79E-05
1700 - 1800	5.88E+00	3.94E+00	1.94E+00	1.48E-01	1.37E-01	1.63E-03	1.09E-03	5.39E-04	4.12E-05	3.79E-05
1800 - 1900	6.86E+00	4.60E+00	2.26E+00	1.73E-01	1.59E-01	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
1900 - 2000	6.86E+00	4.60E+00	2.26E+00	1.73E-01	1.59E-01	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
2000 - 2100	6.86E+00	4.60E+00	2.26E+00	1.73E-01	1.59E-01	1.91E-03	1.28E-03	6.29E-04	4.80E-05	4.43E-05
2100 - 2200	3.92E+00	2.63E+00	1.29E+00	9.88E-02	9.10E-02	1.09E-03	7.30E-04	3.59E-04	2.74E-05	2.53E-05
2200 - 2300	1.96E+00	1.31E+00	6.47E-01	4.94E-02	4.55E-02	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
2300 - 2400	1.96E+00	1.31E+00	6.47E-01	4.94E-02	4.55E-02	5.44E-04	3.65E-04	1.80E-04	1.37E-05	1.26E-05
						max:	1.64E-03	8.08E-04	6.17E-05	5.69E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.22	0.22	0.22	0.22
0.44	0.44	0.44	0.44
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.89	0.89	0.89	0.89
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.22	0.22	0.22	0.22
0.22	0.22	0.22	0.22

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of NFB9 (g) + Hot Idling Emission of NFB9 (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Fu Tai Estate Public Transport Interchange (Non-Franchised Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter
Temperature: 21 °C
Relative Humidity: 23 %

Start Emission

	Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB9 [10]																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	99

Total Start Emission of NFB9 (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
2.69E+00	1.80E+00	8.87E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB9										NFB9									
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
0700 - 0800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
0900 - 1000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
1000 - 1100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1100 - 1200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1200 - 1300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1300 - 1400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1400 - 1500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1600 - 1700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1700 - 1800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1800 - 1900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1900 - 2000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2000 - 2100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2100 - 2200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
2200 - 2300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
2300 - 2400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
Daily Total	0											99										

Average Distance from Stop/Starting Place to Egress =	40	m
Average Spread Distance outside Public Transport Interchange =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03	4.10E-01	2.74E-01	1.35E-01	2.34E-03	2.34E-03	1.30E-01	8.72E-02	4.29E-02	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.08E-01	0.00E+00	0.00E+00	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	Frequency	NFB9									
		Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.80E+00	1.21E+00	5.95E-01	4.83E-02	4.45E-02
0600 - 0700	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
0700 - 0800	9	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	8.12E+00	5.44E+00	2.68E+00	2.18E-01	2.00E-01
0800 - 0900	8	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	7.22E+00	4.84E+00	2.38E+00	1.93E-01	1.78E-01
0900 - 1000	8	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	7.22E+00	4.84E+00	2.38E+00	1.93E-01	1.78E-01
1000 - 1100	7	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	6.31E+00	4.23E+00	2.08E+00	1.69E-01	1.56E-01
1100 - 1200	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
1200 - 1300	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
1300 - 1400	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
1400 - 1500	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
1500 - 1600	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
1600 - 1700	6	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	5.41E+00	3.63E+00	1.79E+00	1.45E-01	1.33E-01
1700 - 1800	6	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	5.41E+00	3.63E+00	1.79E+00	1.45E-01	1.33E-01
1800 - 1900	7	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	6.31E+00	4.23E+00	2.08E+00	1.69E-01	1.56E-01
1900 - 2000	7	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	6.31E+00	4.23E+00	2.08E+00	1.69E-01	1.56E-01
2000 - 2100	7	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	6.31E+00	4.23E+00	2.08E+00	1.69E-01	1.56E-01
2100 - 2200	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	3.61E+00	2.42E+00	1.19E+00	9.67E-02	8.90E-02
2200 - 2300	2	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.80E+00	1.21E+00	5.95E-01	4.83E-02	4.45E-02
2300 - 2400	2	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.80E+00	1.21E+00	5.95E-01	4.83E-02	4.45E-02
Daily Total	99										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	5	min

Hour	Frequency	NFB9									
		Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.02E+00	1.35E+00	6.65E-01	4.94E-02	4.55E-02	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
0600 - 0700	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
0700 - 0800	9.07E+00	6.08E+00	2.99E+00	2.22E-01	2.05E-01	2.52E-03	1.69E-03	8.31E-04	6.17E-05	5.69E-05
0800 - 0900	8.06E+00	5.40E+00	2.66E+00	1.98E-01	1.82E-01	2.24E-03	1.50E-03	7.39E-04	5.49E-05	5.06E-05
0900 - 1000	8.06E+00	5.40E+00	2.66E+00	1.98E-01	1.82E-01	2.24E-03	1.50E-03	7.39E-04	5.49E-05	5.06E-05
1000 - 1100	7.05E+00	4.73E+00	2.33E+00	1.73E-01	1.59E-01	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
1100 - 1200	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1200 - 1300	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1300 - 1400	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1400 - 1500	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1500 - 1600	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
1600 - 1700	6.05E+00	4.05E+00	1.99E+00	1.48E-01	1.37E-01	1.68E-03	1.13E-03	5.54E-04	4.12E-05	3.79E-05
1700 - 1800	6.05E+00	4.05E+00	1.99E+00	1.48E-01	1.37E-01	1.68E-03	1.13E-03	5.54E-04	4.12E-05	3.79E-05
1800 - 1900	7.05E+00	4.73E+00	2.33E+00	1.73E-01	1.59E-01	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
1900 - 2000	7.05E+00	4.73E+00	2.33E+00	1.73E-01	1.59E-01	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
2000 - 2100	7.05E+00	4.73E+00	2.33E+00	1.73E-01	1.59E-01	1.96E-03	1.31E-03	6.46E-04	4.80E-05	4.43E-05
2100 - 2200	4.03E+00	2.70E+00	1.33E+00	9.88E-02	9.10E-02	1.12E-03	7.50E-04	3.69E-04	2.74E-05	2.53E-05
2200 - 2300	2.02E+00	1.35E+00	6.65E-01	4.94E-02	4.55E-02	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
2300 - 2400	2.02E+00	1.35E+00	6.65E-01	4.94E-02	4.55E-02	5.60E-04	3.75E-04	1.85E-04	1.37E-05	1.26E-05
						max:	1.69E-03	8.31E-04	6.17E-05	5.69E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.22	0.22	0.22	0.22
0.44	0.44	0.44	0.44
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.89	0.89	0.89	0.89
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.22	0.22	0.22	0.22
0.22	0.22	0.22	0.22

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of NFB9 (g) + Hot Idling Emission of NFB9 (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Fu Tai Estate Public Transport Interchange (Non-Franchised Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter
Temperature: 8 °C
Relative Humidity: 16 %

Start Emission

	Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB9 [10]																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	99

Total Start Emission of NFB9 (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
2.69E+00	1.80E+00	8.87E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.39E+00	1.60E+00	7.88E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
1.79E+00	1.20E+00	5.91E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
2.09E+00	1.40E+00	6.90E-01	0.00E+00	0.00E+00
1.19E+00	8.00E-01	3.94E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB9										NFB9									
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
0700 - 0800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
0900 - 1000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03
1000 - 1100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1100 - 1200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1200 - 1300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1300 - 1400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1400 - 1500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1600 - 1700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1700 - 1800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1800 - 1900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
1900 - 2000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2000 - 2100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2100 - 2200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
2200 - 2300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
2300 - 2400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
Daily Total	0											99										

Average Distance from Stop/Starting Place to Egress =	40	m
Average Spread Distance outside Public Transport Interchange =	660	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
0600 - 0700	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
0700 - 0800	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03	4.10E-01	2.74E-01	1.35E-01	2.34E-03	2.34E-03	1.30E-01	8.72E-02	4.29E-02	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.08E-01	0.00E+00	0.00E+00	5.96E-04	4.00E-04	1.97E-04	0.00E+00	0.00E+00
0800 - 0900	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
0900 - 1000	7.28E-01	4.88E-01	2.40E-01	4.16E-03	4.16E-03	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.16E-01	7.75E-02	3.82E-02	0.00E+00	0.00E+00	1.91E+00	1.28E+00	6.30E-01	0.00E+00	0.00E+00	5.30E-04	3.55E-04	1.75E-04	0.00E+00	0.00E+00
1000 - 1100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1100 - 1200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1200 - 1300	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1300 - 1400	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1400 - 1500	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1500 - 1600	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
1600 - 1700	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1700 - 1800	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03	8.67E-02	5.81E-02	2.86E-02	0.00E+00	0.00E+00	1.43E+00	9.59E-01	4.72E-01	0.00E+00	0.00E+00	3.98E-04	2.66E-04	1.31E-04	0.00E+00	0.00E+00
1800 - 1900	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
1900 - 2000	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2000 - 2100	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03	3.19E-01	2.13E-01	1.05E-01	1.82E-03	1.82E-03	1.01E-01	6.78E-02	3.34E-02	0.00E+00	0.00E+00	1.67E+00	1.12E+00	5.51E-01	0.00E+00	0.00E+00	4.64E-04	3.11E-04	1.53E-04	0.00E+00	0.00E+00
2100 - 2200	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	5.78E-02	3.87E-02	1.91E-02	0.00E+00	0.00E+00	9.54E-01	6.39E-01	3.15E-01	0.00E+00	0.00E+00	2.65E-04	1.78E-04	8.75E-05	0.00E+00	0.00E+00
2200 - 2300	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00
2300 - 2400	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	2.89E-02	1.94E-02	9.54E-03	0.00E+00	0.00E+00	4.77E-01	3.20E-01	1.57E-01	0.00E+00	0.00E+00	1.33E-04	8.88E-05	4.37E-05	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	210	m
Average Travelling Speed =	10	km/h

Hour	NFB9										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.88E+00	1.26E+00	6.20E-01	4.83E-02	4.45E-02
0600 - 0700	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
0700 - 0800	9	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	8.45E+00	5.66E+00	2.79E+00	2.18E-01	2.00E-01
0800 - 0900	8	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	7.51E+00	5.03E+00	2.48E+00	1.93E-01	1.78E-01
0900 - 1000	8	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	7.51E+00	5.03E+00	2.48E+00	1.93E-01	1.78E-01
1000 - 1100	7	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	6.57E+00	4.40E+00	2.17E+00	1.69E-01	1.56E-01
1100 - 1200	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
1200 - 1300	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
1300 - 1400	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
1400 - 1500	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
1500 - 1600	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
1600 - 1700	6	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	5.63E+00	3.77E+00	1.86E+00	1.45E-01	1.33E-01
1700 - 1800	6	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	5.63E+00	3.77E+00	1.86E+00	1.45E-01	1.33E-01
1800 - 1900	7	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	6.57E+00	4.40E+00	2.17E+00	1.69E-01	1.56E-01
1900 - 2000	7	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	6.57E+00	4.40E+00	2.17E+00	1.69E-01	1.56E-01
2000 - 2100	7	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	6.57E+00	4.40E+00	2.17E+00	1.69E-01	1.56E-01
2100 - 2200	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	3.76E+00	2.52E+00	1.24E+00	9.67E-02	8.90E-02
2200 - 2300	2	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.88E+00	1.26E+00	6.20E-01	4.83E-02	4.45E-02
2300 - 2400	2	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.88E+00	1.26E+00	6.20E-01	4.83E-02	4.45E-02
Daily Total	99										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	5	min

Hour	NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.09E+00	1.40E+00	6.89E-01	4.94E-02	4.55E-02	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
0600 - 0700	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
0700 - 0800	9.40E+00	6.30E+00	3.10E+00	2.22E-01	2.05E-01	2.61E-03	1.75E-03	8.62E-04	6.17E-05	5.69E-05
0800 - 0900	8.36E+00	5.60E+00	2.76E+00	1.98E-01	1.82E-01	2.32E-03	1.56E-03	7.66E-04	5.49E-05	5.06E-05
0900 - 1000	8.36E+00	5.60E+00	2.76E+00	1.98E-01	1.82E-01	2.32E-03	1.56E-03	7.66E-04	5.49E-05	5.06E-05
1000 - 1100	7.31E+00	4.90E+00	2.41E+00	1.73E-01	1.59E-01	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
1100 - 1200	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1200 - 1300	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1300 - 1400	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1400 - 1500	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1500 - 1600	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
1600 - 1700	6.27E+00	4.20E+00	2.07E+00	1.48E-01	1.37E-01	1.74E-03	1.17E-03	5.74E-04	4.12E-05	3.79E-05
1700 - 1800	6.27E+00	4.20E+00	2.07E+00	1.48E-01	1.37E-01	1.74E-03	1.17E-03	5.74E-04	4.12E-05	3.79E-05
1800 - 1900	7.31E+00	4.90E+00	2.41E+00	1.73E-01	1.59E-01	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
1900 - 2000	7.31E+00	4.90E+00	2.41E+00	1.73E-01	1.59E-01	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
2000 - 2100	7.31E+00	4.90E+00	2.41E+00	1.73E-01	1.59E-01	2.03E-03	1.36E-03	6.70E-04	4.80E-05	4.43E-05
2100 - 2200	4.18E+00	2.80E+00	1.38E+00	9.88E-02	9.10E-02	1.16E-03	7.78E-04	3.83E-04	2.74E-05	2.53E-05
2200 - 2300	2.09E+00	1.40E+00	6.89E-01	4.94E-02	4.55E-02	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
2300 - 2400	2.09E+00	1.40E+00	6.89E-01	4.94E-02	4.55E-02	5.80E-04	3.89E-04	1.91E-04	1.37E-05	1.26E-05
						max:	1.75E-03	8.62E-04	6.17E-05	5.69E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.22	0.22	0.22	0.22
0.44	0.44	0.44	0.44
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.89	0.89	0.89	0.89
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.44	0.44	0.44	0.44
0.67	0.67	0.67	0.67
0.67	0.67	0.67	0.67
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.78	0.78	0.78	0.78
0.44	0.44	0.44	0.44
0.22	0.22	0.22	0.22
0.22	0.22	0.22	0.22

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of NFB9 (g) + Hot Idling Emission of NFB9 (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of NFB9 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Siu Hong Station (North) Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperature: 10 °C

Relative Humidity: 30 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	128

Total Start Emission of FBSD & FBDD (g)				
NOx	NO	NO2	RSP	FSP
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
2.6E+01	2.4E+01	2.1E+00	0.0E+00	0.0E+00
1.9E+01	1.8E+01	1.6E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
	0											128										

Average Distance from Starting Place to Egress =	25	m
Average Spread Distance outside bus terminus =	675	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0600 - 0700	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0900 - 1000	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
1000 - 1100	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1100 - 1200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	5.1E-02	4.7E-02	4.2E-03	0.0E+00	0.0E+00	1.4E+00	1.3E+00	1.1E-01	0.0E+00	0.0E+00	3.8E-04	3.5E-04	3.2E-05	0.0E+00	0.0E+00
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1700 - 1800	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	5.6E-01	5.1E-01	4.7E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
1800 - 1900	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	8.1E-01	7.5E-01	6.8E-02	0.0E+00	0.0E+00	2.2E+01	2.0E+01	1.8E+00	0.0E+00	0.0E+00	6.1E-03	5.6E-03	5.1E-04	0.0E+00	0.0E+00
1900 - 2000	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	6.1E-01	5.6E-01	5.1E-02	0.0E+00	0.0E+00	1.6E+01	1.5E+01	1.4E+00	0.0E+00	0.0E+00	4.6E-03	4.2E-03	3.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00

Confidential

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	285	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	5.8E+00	5.4E+00	4.2E-01	2.0E-01	1.8E-01
0100 - 0200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	5.8E+00	5.4E+00	4.2E-01	2.0E-01	1.8E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.3E+00	5.9E-01	5.4E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.0E+01	1.9E+01	1.5E+00	6.9E-01	6.4E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.3E+00	5.9E-01	5.4E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.9E+00	2.7E+00	2.1E-01	9.9E-02	9.1E-02
1200 - 1300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.2E+01	1.1E+01	8.5E-01	3.9E-01	3.6E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.6E+01	2.4E+01	1.9E+00	8.9E-01	8.2E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.6E+01	2.4E+01	1.9E+00	8.9E-01	8.2E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	3.2E+01	2.9E+01	2.3E+00	1.1E+00	1.0E+00
1800 - 1900	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	4.6E+01	4.3E+01	3.4E+00	1.6E+00	1.5E+00
1900 - 2000	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	3.5E+01	3.2E+01	2.5E+00	1.2E+00	1.1E+00
2000 - 2100	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.0E+01	1.9E+01	1.5E+00	6.9E-01	6.4E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.8E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.4E+00	7.4E-01	3.5E-01	3.2E-01	1.2E+01	1.1E+01	8.5E-01	3.9E-01	3.6E-01
Daily Total	0											128										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	6.7E+00	6.2E+00	4.9E-01	2.0E-01	1.9E-01	1.8E-03	1.7E-03	1.4E-04	5.7E-05	5.2E-05
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	6.7E+00	6.2E+00	4.9E-01	2.0E-01	1.9E-01	1.8E-03	1.7E-03	1.4E-04	5.7E-05	5.2E-05
0600 - 0700	2.0E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.5E-03	5.1E-03	4.1E-04	1.7E-04	1.6E-04
0700 - 0800	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.4E-03	6.9E-03	5.4E-04	2.3E-04	2.1E-04
0800 - 0900	2.3E+01	2.2E+01	1.7E+00	7.1E-01	6.6E-01	6.5E-03	6.0E-03	4.7E-04	2.0E-04	1.8E-04
0900 - 1000	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.4E-03	6.9E-03	5.4E-04	2.3E-04	2.1E-04
1000 - 1100	2.0E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.5E-03	5.1E-03	4.1E-04	1.7E-04	1.6E-04
1100 - 1200	3.3E+00	3.1E+00	2.4E-01	1.0E-01	9.4E-02	9.2E-04	8.6E-04	6.8E-05	2.8E-05	2.6E-05
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.3E+01	1.2E+01	9.8E-01	4.1E-01	3.8E-01	3.7E-03	3.4E-03	2.7E-04	1.1E-04	1.0E-04
1500 - 1600	3.0E+01	2.8E+01	2.2E+00	9.2E-01	8.5E-01	8.3E-03	7.7E-03	6.1E-04	2.5E-04	2.3E-04
1600 - 1700	3.0E+01	2.8E+01	2.2E+00	9.2E-01	8.5E-01	8.3E-03	7.7E-03	6.1E-04	2.5E-04	2.3E-04
1700 - 1800	3.7E+01	3.4E+01	2.7E+00	1.1E+00	1.0E+00	1.0E-02	9.4E-03	7.5E-04	3.1E-04	2.9E-04
1800 - 1900	5.3E+01	4.9E+01	3.9E+00	1.6E+00	1.5E+00	1.5E-02	1.4E-02	1.1E-03	4.5E-04	4.2E-04
1900 - 2000	4.0E+01	3.7E+01	2.9E+00	1.2E+00	1.1E+00	1.1E-02	1.0E-02	8.1E-04	3.4E-04	3.1E-04
2000 - 2100	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.4E-03	6.9E-03	5.4E-04	2.3E-04	2.1E-04
2100 - 2200	2.3E+01	2.2E+01	1.7E+00	7.1E-01	6.6E-01	6.5E-03	6.0E-03	4.7E-04	2.0E-04	1.8E-04
2200 - 2300	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.4E-03	6.9E-03	5.4E-04	2.3E-04	2.1E-04
2300 - 2400	1.3E+01	1.2E+01	9.8E-01	4.1E-01	3.8E-01	3.7E-03	3.4E-03	2.7E-04	1.1E-04	1.0E-04
						max:	1.4E-02	1.1E-03	4.5E-04	4.2E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.13	0.13	0.13	0.13
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.38	0.38	0.38	0.38
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.06	0.06	0.06	0.06
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.25	0.25	0.25	0.25
0.56	0.56	0.56	0.56
0.56	0.56	0.56	0.56
0.69	0.69	0.69	0.69
1.00	1.00	1.00	1.00
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Siu Hong Station (North) Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	128

Total Start Emission of FBSD & FBDD (g)				
NOx	NO	NO2	RSP	FSP
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
2.6E+01	2.4E+01	2.1E+00	0.0E+00	0.0E+00
1.9E+01	1.8E+01	1.6E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
	0											128										

Average Distance from Starting Place to Egress =	25	m
Average Spread Distance outside bus terminus =	675	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0600 - 0700	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0900 - 1000	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
1000 - 1100	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1100 - 1200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	5.1E-02	4.7E-02	4.2E-03	0.0E+00	0.0E+00	1.4E+00	1.3E+00	1.1E-01	0.0E+00	0.0E+00	3.8E-04	3.5E-04	3.2E-05	0.0E+00	0.0E+00
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1700 - 1800	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	5.6E-01	5.1E-01	4.7E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
1800 - 1900	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	8.1E-01	7.5E-01	6.8E-02	0.0E+00	0.0E+00	2.2E+01	2.0E+01	1.8E+00	0.0E+00	0.0E+00	6.1E-03	5.6E-03	5.1E-04	0.0E+00	0.0E+00
1900 - 2000	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	6.1E-01	5.6E-01	5.1E-02	0.0E+00	0.0E+00	1.6E+01	1.5E+01	1.4E+00	0.0E+00	0.0E+00	4.6E-03	4.2E-03	3.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00

Confidential

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	285	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	5.5E+00	5.1E+00	4.0E-01	2.0E-01	1.8E-01
0100 - 0200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	5.5E+00	5.1E+00	4.0E-01	2.0E-01	1.8E-01
0600 - 0700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.6E+01	1.5E+01	1.2E+00	5.9E-01	5.4E-01
0700 - 0800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.2E+01	2.0E+01	1.6E+00	7.9E-01	7.3E-01
0800 - 0900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.9E+01	1.8E+01	1.4E+00	6.9E-01	6.4E-01
0900 - 1000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.2E+01	2.0E+01	1.6E+00	7.9E-01	7.3E-01
1000 - 1100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.6E+01	1.5E+01	1.2E+00	5.9E-01	5.4E-01
1100 - 1200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.7E+00	2.5E+00	2.0E-01	9.9E-02	9.1E-02
1200 - 1300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	8.0E-01	3.9E-01	3.6E-01
1500 - 1600	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.5E+01	2.3E+01	1.8E+00	8.9E-01	8.2E-01
1600 - 1700	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.5E+01	2.3E+01	1.8E+00	8.9E-01	8.2E-01
1700 - 1800	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	3.0E+01	2.8E+01	2.2E+00	1.1E+00	1.0E+00
1800 - 1900	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	4.4E+01	4.1E+01	3.2E+00	1.6E+00	1.5E+00
1900 - 2000	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	3.3E+01	3.1E+01	2.4E+00	1.2E+00	1.1E+00
2000 - 2100	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.2E+01	2.0E+01	1.6E+00	7.9E-01	7.3E-01
2100 - 2200	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.9E+01	1.8E+01	1.4E+00	6.9E-01	6.4E-01
2200 - 2300	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	2.2E+01	2.0E+01	1.6E+00	7.9E-01	7.3E-01
2300 - 2400	0	2.7E+00	2.2E+00	5.5E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.6E+00	8.9E+00	7.0E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	8.0E-01	3.9E-01	3.6E-01
Daily Total	0											128										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	6.4E+00	5.9E+00	4.7E-01	2.0E-01	1.9E-01	1.8E-03	1.6E-03	1.3E-04	5.7E-05	5.2E-05
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	6.4E+00	5.9E+00	4.7E-01	2.0E-01	1.9E-01	1.8E-03	1.6E-03	1.3E-04	5.7E-05	5.2E-05
0600 - 0700	1.9E+01	1.8E+01	1.4E+00	6.1E-01	5.6E-01	5.3E-03	4.9E-03	3.9E-04	1.7E-04	1.6E-04
0700 - 0800	2.5E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.1E-03	6.5E-03	5.2E-04	2.3E-04	2.1E-04
0800 - 0900	2.2E+01	2.1E+01	1.6E+00	7.1E-01	6.6E-01	6.2E-03	5.7E-03	4.5E-04	2.0E-04	1.8E-04
0900 - 1000	2.5E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.1E-03	6.5E-03	5.2E-04	2.3E-04	2.1E-04
1000 - 1100	1.9E+01	1.8E+01	1.4E+00	6.1E-01	5.6E-01	5.3E-03	4.9E-03	3.9E-04	1.7E-04	1.6E-04
1100 - 1200	3.2E+00	2.9E+00	2.3E-01	1.0E-01	9.4E-02	8.8E-04	8.2E-04	6.5E-05	2.8E-05	2.6E-05
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.3E+01	1.2E+01	9.3E-01	4.1E-01	3.8E-01	3.5E-03	3.3E-03	2.6E-04	1.1E-04	1.0E-04
1500 - 1600	2.9E+01	2.7E+01	2.1E+00	9.2E-01	8.5E-01	7.9E-03	7.4E-03	5.8E-04	2.5E-04	2.3E-04
1600 - 1700	2.9E+01	2.7E+01	2.1E+00	9.2E-01	8.5E-01	7.9E-03	7.4E-03	5.8E-04	2.5E-04	2.3E-04
1700 - 1800	3.5E+01	3.2E+01	2.6E+00	1.1E+00	1.0E+00	9.7E-03	9.0E-03	7.1E-04	3.1E-04	2.9E-04
1800 - 1900	5.1E+01	4.7E+01	3.7E+00	1.6E+00	1.5E+00	1.4E-02	1.3E-02	1.0E-03	4.5E-04	4.2E-04
1900 - 2000	3.8E+01	3.5E+01	2.8E+00	1.2E+00	1.1E+00	1.1E-02	9.8E-03	7.8E-04	3.4E-04	3.1E-04
2000 - 2100	2.5E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.1E-03	6.5E-03	5.2E-04	2.3E-04	2.1E-04
2100 - 2200	2.2E+01	2.1E+01	1.6E+00	7.1E-01	6.6E-01	6.2E-03	5.7E-03	4.5E-04	2.0E-04	1.8E-04
2200 - 2300	2.5E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.1E-03	6.5E-03	5.2E-04	2.3E-04	2.1E-04
2300 - 2400	1.3E+01	1.2E+01	9.3E-01	4.1E-01	3.8E-01	3.5E-03	3.3E-03	2.6E-04	1.1E-04	1.0E-04
						max:	1.3E-02	1.0E-03	4.5E-04	4.2E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.13	0.13	0.13	0.13
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.38	0.38	0.38	0.38
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.06	0.06	0.06	0.06
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.25	0.25	0.25	0.25
0.56	0.56	0.56	0.56
0.56	0.56	0.56	0.56
0.69	0.69	0.69	0.69
1.00	1.00	1.00	1.00
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Siu Hong Station (North) Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 °C

Relative Humidity: 23 %

Start Emission

Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																		
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																		
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	128

Total Start Emission of FBSD & FBDD (g)				
NOx	NO	NO2	RSP	FSP
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
2.6E+01	2.4E+01	2.1E+00	0.0E+00	0.0E+00
1.9E+01	1.8E+01	1.6E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
	0											128										

Average Distance from Starting Place to Egress =	25	m
Average Spread Distance outside bus terminus =	675	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0600 - 0700	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0900 - 1000	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
1000 - 1100	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1100 - 1200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	5.1E-02	4.7E-02	4.2E-03	0.0E+00	0.0E+00	1.4E+00	1.3E+00	1.1E-01	0.0E+00	0.0E+00	3.8E-04	3.5E-04	3.2E-05	0.0E+00	0.0E+00
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1700 - 1800	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	5.6E-01	5.1E-01	4.7E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
1800 - 1900	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	8.1E-01	7.5E-01	6.8E-02	0.0E+00	0.0E+00	2.2E+01	2.0E+01	1.8E+00	0.0E+00	0.0E+00	6.1E-03	5.6E-03	5.1E-04	0.0E+00	0.0E+00
1900 - 2000	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	6.1E-01	5.6E-01	5.1E-02	0.0E+00	0.0E+00	1.6E+01	1.5E+01	1.4E+00	0.0E+00	0.0E+00	4.6E-03	4.2E-03	3.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	285	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	5.7E+00	5.2E+00	4.1E-01	2.0E-01	1.8E-01
0100 - 0200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	5.7E+00	5.2E+00	4.1E-01	2.0E-01	1.8E-01
0600 - 0700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.2E+00	5.9E-01	5.4E-01
0700 - 0800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
0800 - 0900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.0E+01	1.8E+01	1.4E+00	6.9E-01	6.4E-01
0900 - 1000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
1000 - 1100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.7E+01	1.6E+01	1.2E+00	5.9E-01	5.4E-01
1100 - 1200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.8E+00	2.6E+00	2.1E-01	9.9E-02	9.1E-02
1200 - 1300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	8.3E-01	3.9E-01	3.6E-01
1500 - 1600	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.5E+01	2.4E+01	1.9E+00	8.9E-01	8.2E-01
1600 - 1700	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.5E+01	2.4E+01	1.9E+00	8.9E-01	8.2E-01
1700 - 1800	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	3.1E+01	2.9E+01	2.3E+00	1.1E+00	1.0E+00
1800 - 1900	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	4.5E+01	4.2E+01	3.3E+00	1.6E+00	1.5E+00
1900 - 2000	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	3.4E+01	3.1E+01	2.5E+00	1.2E+00	1.1E+00
2000 - 2100	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
2100 - 2200	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.0E+01	1.8E+01	1.4E+00	6.9E-01	6.4E-01
2200 - 2300	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	2.3E+01	2.1E+01	1.7E+00	7.9E-01	7.3E-01
2300 - 2400	0	2.8E+00	2.2E+00	5.7E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	9.9E+00	9.2E+00	7.3E-01	3.5E-01	3.2E-01	1.1E+01	1.0E+01	8.3E-01	3.9E-01	3.6E-01
Daily Total	0											128										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	6.5E+00	6.1E+00	4.8E-01	2.0E-01	1.9E-01	1.8E-03	1.7E-03	1.3E-04	5.7E-05	5.2E-05
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	6.5E+00	6.1E+00	4.8E-01	2.0E-01	1.9E-01	1.8E-03	1.7E-03	1.3E-04	5.7E-05	5.2E-05
0600 - 0700	2.0E+01	1.8E+01	1.4E+00	6.1E-01	5.6E-01	5.4E-03	5.0E-03	4.0E-04	1.7E-04	1.6E-04
0700 - 0800	2.6E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.3E-03	6.7E-03	5.3E-04	2.3E-04	2.1E-04
0800 - 0900	2.3E+01	2.1E+01	1.7E+00	7.1E-01	6.6E-01	6.4E-03	5.9E-03	4.7E-04	2.0E-04	1.8E-04
0900 - 1000	2.6E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.3E-03	6.7E-03	5.3E-04	2.3E-04	2.1E-04
1000 - 1100	2.0E+01	1.8E+01	1.4E+00	6.1E-01	5.6E-01	5.4E-03	5.0E-03	4.0E-04	1.7E-04	1.6E-04
1100 - 1200	3.3E+00	3.0E+00	2.4E-01	1.0E-01	9.4E-02	9.1E-04	8.4E-04	6.6E-05	2.8E-05	2.6E-05
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.3E+01	1.2E+01	9.6E-01	4.1E-01	3.8E-01	3.6E-03	3.4E-03	2.7E-04	1.1E-04	1.0E-04
1500 - 1600	2.9E+01	2.7E+01	2.2E+00	9.2E-01	8.5E-01	8.2E-03	7.6E-03	6.0E-04	2.5E-04	2.3E-04
1600 - 1700	2.9E+01	2.7E+01	2.2E+00	9.2E-01	8.5E-01	8.2E-03	7.6E-03	6.0E-04	2.5E-04	2.3E-04
1700 - 1800	3.6E+01	3.3E+01	2.6E+00	1.1E+00	1.0E+00	1.0E-02	9.2E-03	7.3E-04	3.1E-04	2.9E-04
1800 - 1900	5.2E+01	4.8E+01	3.8E+00	1.6E+00	1.5E+00	1.5E-02	1.3E-02	1.1E-03	4.5E-04	4.2E-04
1900 - 2000	3.9E+01	3.6E+01	2.9E+00	1.2E+00	1.1E+00	1.1E-02	1.0E-02	8.0E-04	3.4E-04	3.1E-04
2000 - 2100	2.6E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.3E-03	6.7E-03	5.3E-04	2.3E-04	2.1E-04
2100 - 2200	2.3E+01	2.1E+01	1.7E+00	7.1E-01	6.6E-01	6.4E-03	5.9E-03	4.7E-04	2.0E-04	1.8E-04
2200 - 2300	2.6E+01	2.4E+01	1.9E+00	8.2E-01	7.5E-01	7.3E-03	6.7E-03	5.3E-04	2.3E-04	2.1E-04
2300 - 2400	1.3E+01	1.2E+01	9.6E-01	4.1E-01	3.8E-01	3.6E-03	3.4E-03	2.7E-04	1.1E-04	1.0E-04
						max:	1.3E-02	1.1E-03	4.5E-04	4.2E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.13	0.13	0.13	0.13
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.38	0.38	0.38	0.38
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.06	0.06	0.06	0.06
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.25	0.25	0.25	0.25
0.56	0.56	0.56	0.56
0.56	0.56	0.56	0.56
0.69	0.69	0.69	0.69
1.00	1.00	1.00	1.00
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Siu Hong Station (North) Public Transport Interchange (Bus Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperature: 8 °C

Relative Humidity: 16 %

Start Emission

	Single-Deck Franchised Bus (FBSD) Start Emission Factor (g/trip)																	
NOx	1.6E-01	3.0E-01	4.0E-01	5.6E-01	6.9E-01	9.2E-01	1.4E+00	1.7E+00	2.5E+00	3.2E+00	3.6E+00	4.3E+00	4.7E+00	4.9E+00	5.1E+00	5.2E+00	5.3E+00	5.3E+00
NO	1.3E-01	2.4E-01	3.1E-01	4.5E-01	5.5E-01	7.3E-01	1.1E+00	1.3E+00	2.0E+00	2.6E+00	2.9E+00	3.4E+00	3.8E+00	3.9E+00	4.0E+00	4.1E+00	4.2E+00	4.2E+00
NO2	3.4E-02	6.1E-02	8.1E-02	1.1E-01	1.4E-01	1.9E-01	2.8E-01	3.4E-01	5.1E-01	6.6E-01	7.4E-01	8.8E-01	9.6E-01	1.0E+00	1.0E+00	1.1E+00	1.1E+00	1.1E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBSD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100																		
0100 - 0200																		
0200 - 0300																		
0300 - 0400																		
0400 - 0500																		
0500 - 0600																		
0600 - 0700																		
0700 - 0800																		
0800 - 0900																		
0900 - 1000																		
1000 - 1100																		
1100 - 1200																		
1200 - 1300																		
1300 - 1400																		
1400 - 1500																		
1500 - 1600																		
1600 - 1700																		
1700 - 1800																		
1800 - 1900																		
1900 - 2000																		
2000 - 2100																		
2100 - 2200																		
2200 - 2300																		
2300 - 2400																		
																	Daily Total	0

	Double-Deck Franchised Bus (FBDD) Start Emission Factor (g/trip)																	
NOx	6.7E-01	1.2E+00	1.6E+00	2.3E+00	2.8E+00	3.8E+00	5.5E+00	6.9E+00	1.0E+01	1.3E+01	1.5E+01	1.8E+01	1.9E+01	2.0E+01	2.1E+01	2.1E+01	2.2E+01	2.2E+01
NO	6.2E-01	1.1E+00	1.5E+00	2.1E+00	2.6E+00	3.5E+00	5.1E+00	6.3E+00	9.3E+00	1.2E+01	1.4E+01	1.6E+01	1.8E+01	1.9E+01	1.9E+01	2.0E+01	2.0E+01	2.0E+01
NO2	5.5E-02	1.0E-01	1.3E-01	1.9E-01	2.3E-01	3.1E-01	4.5E-01	5.6E-01	8.3E-01	1.1E+00	1.2E+00	1.4E+00	1.6E+00	1.7E+00	1.7E+00	1.7E+00	1.8E+00	1.8E+00
RSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FSP	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

	No. of Trips of FBDD																	
Soaking Time (min) / Hour	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	128

Total Start Emission of FBSD & FBDD (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3.2E+00	3.0E+00	2.7E-01	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
9.7E+00	8.9E+00	8.0E-01	0.0E+00	0.0E+00
1.6E+00	1.5E+00	1.3E-01	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.5E+01	1.3E+01	1.2E+00	0.0E+00	0.0E+00
1.8E+01	1.6E+01	1.5E+00	0.0E+00	0.0E+00
2.6E+01	2.4E+01	2.1E+00	0.0E+00	0.0E+00
1.9E+01	1.8E+01	1.6E+00	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
1.1E+01	1.0E+01	9.3E-01	0.0E+00	0.0E+00
1.3E+01	1.2E+01	1.1E+00	0.0E+00	0.0E+00
6.5E+00	5.9E+00	5.3E-01	0.0E+00	0.0E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	FBSD											FBDD										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0100 - 0200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0600 - 0700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0700 - 0800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0800 - 0900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0900 - 1000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1000 - 1100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1100 - 1200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1200 - 1300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1500 - 1600	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1600 - 1700	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1700 - 1800	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1800 - 1900	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1900 - 2000	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2000 - 2100	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2100 - 2200	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2200 - 2300	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2300 - 2400	0	1.2E-02	9.4E-03	2.4E-03	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	9.7E-02	9.0E-02	7.1E-03	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Daily Total	0											0										

Hour	FBSD											FBDD										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0100 - 0200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03
0600 - 0700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
0700 - 0800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
0800 - 0900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
0900 - 1000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
1000 - 1100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02
1100 - 1200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03
1200 - 1300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
1500 - 1600	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1600 - 1700	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02
1700 - 1800	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02
1800 - 1900	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02
1900 - 2000	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02
2000 - 2100	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2100 - 2200	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02
2200 - 2300	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02
2300 - 2400	0	1.0E-03	8.0E-04	2.0E-04	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	3.2E-03	3.0E-03	2.3E-04	2.7E-05	2.7E-05	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02
	0											128										

Average Distance from Starting Place to Egress =	25	m
Average Spread Distance outside bus terminus =	675	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.0E-01	9.3E-02	8.5E-03	0.0E+00	0.0E+00	2.7E+00	2.5E+00	2.3E-01	0.0E+00	0.0E+00	7.6E-04	7.0E-04	6.4E-05	0.0E+00	0.0E+00
0600 - 0700	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
0700 - 0800	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
0800 - 0900	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
0900 - 1000	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
1000 - 1100	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	1.2E+00	1.1E+00	8.5E-02	9.5E-03	9.5E-03	3.1E-01	2.8E-01	2.5E-02	0.0E+00	0.0E+00	8.2E+00	7.6E+00	6.9E-01	0.0E+00	0.0E+00	2.3E-03	2.1E-03	1.9E-04	0.0E+00	0.0E+00
1100 - 1200	3.9E-01	3.6E-01	2.8E-02	3.2E-03	3.2E-03	1.9E-01	1.8E-01	1.4E-02	1.6E-03	1.6E-03	5.1E-02	4.7E-02	4.2E-03	0.0E+00	0.0E+00	1.4E+00	1.3E+00	1.1E-01	0.0E+00	0.0E+00	3.8E-04	3.5E-04	3.2E-05	0.0E+00	0.0E+00
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00
1500 - 1600	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1600 - 1700	3.5E+00	3.2E+00	2.5E-01	2.9E-02	2.9E-02	1.7E+00	1.6E+00	1.3E-01	1.4E-02	1.4E-02	4.6E-01	4.2E-01	3.8E-02	0.0E+00	0.0E+00	1.2E+01	1.1E+01	1.0E+00	0.0E+00	0.0E+00	3.4E-03	3.1E-03	2.9E-04	0.0E+00	0.0E+00
1700 - 1800	4.2E+00	3.9E+00	3.1E-01	3.5E-02	3.5E-02	2.1E+00	2.0E+00	1.6E-01	1.7E-02	1.7E-02	5.6E-01	5.1E-01	4.7E-02	0.0E+00	0.0E+00	1.5E+01	1.4E+01	1.3E+00	0.0E+00	0.0E+00	4.2E-03	3.8E-03	3.5E-04	0.0E+00	0.0E+00
1800 - 1900	6.2E+00	5.7E+00	4.5E-01	5.1E-02	5.1E-02	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	8.1E-01	7.5E-01	6.8E-02	0.0E+00	0.0E+00	2.2E+01	2.0E+01	1.8E+00	0.0E+00	0.0E+00	6.1E-03	5.6E-03	5.1E-04	0.0E+00	0.0E+00
1900 - 2000	4.6E+00	4.3E+00	3.4E-01	3.8E-02	3.8E-02	2.3E+00	2.1E+00	1.7E-01	1.9E-02	1.9E-02	6.1E-01	5.6E-01	5.1E-02	0.0E+00	0.0E+00	1.6E+01	1.5E+01	1.4E+00	0.0E+00	0.0E+00	4.6E-03	4.2E-03	3.8E-04	0.0E+00	0.0E+00
2000 - 2100	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2100 - 2200	2.7E+00	2.5E+00	2.0E-01	2.2E-02	2.2E-02	1.3E+00	1.3E+00	9.9E-02	1.1E-02	1.1E-02	3.6E-01	3.3E-01	3.0E-02	0.0E+00	0.0E+00	9.6E+00	8.8E+00	8.0E-01	0.0E+00	0.0E+00	2.7E-03	2.4E-03	2.2E-04	0.0E+00	0.0E+00
2200 - 2300	3.1E+00	2.9E+00	2.3E-01	2.5E-02	2.5E-02	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	4.1E-01	3.7E-01	3.4E-02	0.0E+00	0.0E+00	1.1E+01	1.0E+01	9.2E-01	0.0E+00	0.0E+00	3.1E-03	2.8E-03	2.5E-04	0.0E+00	0.0E+00
2300 - 2400	1.5E+00	1.4E+00	1.1E-01	1.3E-02	1.3E-02	7.7E-01	7.1E-01	5.6E-02	6.4E-03	6.4E-03	2.0E-01	1.9E-01	1.7E-02	0.0E+00	0.0E+00	5.5E+00	5.0E+00	4.6E-01	0.0E+00	0.0E+00	1.5E-03	1.4E-03	1.3E-04	0.0E+00	0.0E+00

Confidential

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within bus terminus =	285	m
Average Travelling Speed =	10	km/h

Hour	FBSD										FBDD									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	5.9E+00	5.5E+00	4.3E-01	2.0E-01	1.8E-01
0100 - 0200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	5.9E+00	5.5E+00	4.3E-01	2.0E-01	1.8E-01
0600 - 0700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.8E+01	1.6E+01	1.3E+00	5.9E-01	5.4E-01
0700 - 0800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.4E+01	2.2E+01	1.7E+00	7.9E-01	7.3E-01
0800 - 0900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.1E+01	1.9E+01	1.5E+00	6.9E-01	6.4E-01
0900 - 1000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.4E+01	2.2E+01	1.7E+00	7.9E-01	7.3E-01
1000 - 1100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.8E+01	1.6E+01	1.3E+00	5.9E-01	5.4E-01
1100 - 1200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.9E+00	2.7E+00	2.2E-01	9.9E-02	9.1E-02
1200 - 1300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.2E+01	1.1E+01	8.6E-01	3.9E-01	3.6E-01
1500 - 1600	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.7E+01	2.5E+01	1.9E+00	8.9E-01	8.2E-01
1600 - 1700	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.7E+01	2.5E+01	1.9E+00	8.9E-01	8.2E-01
1700 - 1800	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	11	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	3.2E+01	3.0E+01	2.4E+00	1.1E+00	1.0E+00
1800 - 1900	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	16	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	4.7E+01	4.4E+01	3.4E+00	1.6E+00	1.5E+00
1900 - 2000	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	12	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	3.5E+01	3.3E+01	2.6E+00	1.2E+00	1.1E+00
2000 - 2100	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.4E+01	2.2E+01	1.7E+00	7.9E-01	7.3E-01
2100 - 2200	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.1E+01	1.9E+01	1.5E+00	6.9E-01	6.4E-01
2200 - 2300	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	2.4E+01	2.2E+01	1.7E+00	7.9E-01	7.3E-01
2300 - 2400	0	2.9E+00	2.3E+00	5.9E-01	5.4E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4	1.0E+01	9.6E+00	7.6E-01	3.5E-01	3.2E-01	1.2E+01	1.1E+01	8.6E-01	3.9E-01	3.6E-01
Daily Total	0											128										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	6.8E+00	6.3E+00	5.0E-01	2.0E-01	1.9E-01	1.9E-03	1.7E-03	1.4E-04	5.7E-05	5.2E-05
0100 - 0200	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0200 - 0300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0300 - 0400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0400 - 0500	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
0500 - 0600	6.8E+00	6.3E+00	5.0E-01	2.0E-01	1.9E-01	1.9E-03	1.7E-03	1.4E-04	5.7E-05	5.2E-05
0600 - 0700	2.0E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.6E-03	5.2E-03	4.1E-04	1.7E-04	1.6E-04
0700 - 0800	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.5E-03	7.0E-03	5.5E-04	2.3E-04	2.1E-04
0800 - 0900	2.4E+01	2.2E+01	1.7E+00	7.1E-01	6.6E-01	6.6E-03	6.1E-03	4.8E-04	2.0E-04	1.8E-04
0900 - 1000	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.5E-03	7.0E-03	5.5E-04	2.3E-04	2.1E-04
1000 - 1100	2.0E+01	1.9E+01	1.5E+00	6.1E-01	5.6E-01	5.6E-03	5.2E-03	4.1E-04	1.7E-04	1.6E-04
1100 - 1200	3.4E+00	3.1E+00	2.5E-01	1.0E-01	9.4E-02	9.4E-04	8.7E-04	6.9E-05	2.8E-05	2.6E-05
1200 - 1300	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1300 - 1400	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1400 - 1500	1.4E+01	1.3E+01	9.9E-01	4.1E-01	3.8E-01	3.8E-03	3.5E-03	2.8E-04	1.1E-04	1.0E-04
1500 - 1600	3.0E+01	2.8E+01	2.2E+00	9.2E-01	8.5E-01	8.5E-03	7.8E-03	6.2E-04	2.5E-04	2.3E-04
1600 - 1700	3.0E+01	2.8E+01	2.2E+00	9.2E-01	8.5E-01	8.5E-03	7.8E-03	6.2E-04	2.5E-04	2.3E-04
1700 - 1800	3.7E+01	3.4E+01	2.7E+00	1.1E+00	1.0E+00	1.0E-02	9.6E-03	7.6E-04	3.1E-04	2.9E-04
1800 - 1900	5.4E+01	5.0E+01	4.0E+00	1.6E+00	1.5E+00	1.5E-02	1.4E-02	1.1E-03	4.5E-04	4.2E-04
1900 - 2000	4.1E+01	3.8E+01	3.0E+00	1.2E+00	1.1E+00	1.1E-02	1.0E-02	8.3E-04	3.4E-04	3.1E-04
2000 - 2100	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.5E-03	7.0E-03	5.5E-04	2.3E-04	2.1E-04
2100 - 2200	2.4E+01	2.2E+01	1.7E+00	7.1E-01	6.6E-01	6.6E-03	6.1E-03	4.8E-04	2.0E-04	1.8E-04
2200 - 2300	2.7E+01	2.5E+01	2.0E+00	8.2E-01	7.5E-01	7.5E-03	7.0E-03	5.5E-04	2.3E-04	2.1E-04
2300 - 2400	1.4E+01	1.3E+01	9.9E-01	4.1E-01	3.8E-01	3.8E-03	3.5E-03	2.8E-04	1.1E-04	1.0E-04
						max:	1.4E-02	1.1E-03	4.5E-04	4.2E-04

PTI opening hourly emission factor

NO	NO2	RSP	FSP
0.13	0.13	0.13	0.13
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.13	0.13	0.13	0.13
0.38	0.38	0.38	0.38
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.38	0.38	0.38	0.38
0.06	0.06	0.06	0.06
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.25	0.25	0.25	0.25
0.56	0.56	0.56	0.56
0.56	0.56	0.56	0.56
0.69	0.69	0.69	0.69
1.00	1.00	1.00	1.00
0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50
0.44	0.44	0.44	0.44
0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of FBSD & FBDD (g) + Hot Idling Emission of FBSD & FBDD (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of FBSD & FBDD (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

Confidential

Siu Hong Station (North) Public Transport Interchange (PLB Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperature: 10 °C

Relative Humidity: 30 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of PLB (Diesel) [9]																		Total Start Emission of PLB (Diesel) (g)				
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
																	Daily Total	0					

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)											PLB (Diesel)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	540	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.74E+00	2.63E+00	4.18E+00	5.44E+00	6.42E+00	7.11E+00	7.51E+00	7.68E+00	7.65E+00	7.61E+00	7.55E+00	7.48E+00	7.39E+00	7.29E+00	7.17E+00	7.04E+00	6.89E+00	6.73E+00
NO	1.73E+00	2.61E+00	4.16E+00	5.42E+00	6.39E+00	7.07E+00	7.47E+00	7.64E+00	7.62E+00	7.57E+00	7.51E+00	7.44E+00	7.36E+00	7.25E+00	7.14E+00	7.00E+00	6.86E+00	6.70E+00
NO2	8.70E-03	1.31E-02	2.09E-02	2.72E-02	3.21E-02	3.56E-02	3.76E-02	3.84E-02	3.83E-02	3.81E-02	3.78E-02	3.74E-02	3.70E-02	3.65E-02	3.59E-02	3.52E-02	3.45E-02	3.37E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	0

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	0	m

Remark: Spread Distance of Adjusted Start Emission of PLB (LPG) is 150m.

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	275	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
0800 - 0900	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
0900 - 1000	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1000 - 1100	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1100 - 1200	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1200 - 1300	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1300 - 1400	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1400 - 1500	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1500 - 1600	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1600 - 1700	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1700 - 1800	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1800 - 1900	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
1900 - 2000	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
2000 - 2100	2	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	5.39E-01	3.88E-01	1.51E-01	3.50E-02	3.22E-02	1	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	5.22E-01	5.19E-01	2.61E-03	0.00E+00	0.00E+00
2100 - 2200	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	9.81E-01	7.06E-01	2.75E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.90E+00	1.89E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)										PLB (LPG)									
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
0800 - 0900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
0900 - 1000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1000 - 1100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1100 - 1200	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1200 - 1300	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1300 - 1400	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1400 - 1500	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1500 - 1600	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1600 - 1700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1700 - 1800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1800 - 1900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
1900 - 2000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
2000 - 2100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.26E-02	4.28E-03	4.28E-03
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.62E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	1.07E+00	7.68E-01	2.98E-01	4.19E-02	3.91E-02	2.96E-04	2.13E-04	8.29E-05	1.16E-05	1.09E-05
0700 - 0800	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
0800 - 0900	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
0900 - 1000	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1000 - 1100	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1100 - 1200	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1200 - 1300	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1300 - 1400	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1400 - 1500	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1500 - 1600	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1600 - 1700	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1700 - 1800	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1800 - 1900	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
1900 - 2000	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
2000 - 2100	4.10E+00	3.78E+00	3.14E-01	4.62E-02	4.34E-02	1.14E-03	1.05E-03	8.71E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
						max:	1.05E-03	8.71E-05	1.28E-05	1.21E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.20	0.95	0.91	0.90
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Siu Hong Station (North) Public Transport Interchange (PLB Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of PLB (Diesel) [9]																		Total Start Emission of PLB (Diesel) (g)				
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
																	Daily Total	0					

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)											PLB (Diesel)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	540	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.58E+00	2.39E+00	3.80E+00	4.94E+00	5.83E+00	6.46E+00	6.82E+00	6.89E+00	6.87E+00	6.83E+00	6.79E+00	6.78E+00	6.71E+00	6.63E+00	6.54E+00	6.43E+00	6.32E+00	6.18E+00	6.04E+00
NO	1.58E+00	2.37E+00	3.78E+00	4.92E+00	5.80E+00	6.42E+00	6.79E+00	6.86E+00	6.83E+00	6.79E+00	6.74E+00	6.68E+00	6.60E+00	6.51E+00	6.40E+00	6.28E+00	6.15E+00	6.01E+00
NO2	7.90E-03	1.19E-02	1.90E-02	2.47E-02	2.92E-02	3.23E-02	3.41E-02	3.45E-02	3.43E-02	3.41E-02	3.39E-02	3.36E-02	3.32E-02	3.27E-02	3.22E-02	3.16E-02	3.09E-02	3.02E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	0

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	0	m

Remark: Spread Distance of Adjusted Start Emission of PLB (LPG) is 150m.

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	275	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
0800 - 0900	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
0900 - 1000	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1000 - 1100	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1100 - 1200	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1200 - 1300	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1300 - 1400	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1400 - 1500	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1500 - 1600	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1600 - 1700	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1700 - 1800	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1800 - 1900	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
1900 - 2000	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
2000 - 2100	2	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	5.12E-01	3.69E-01	1.43E-01	3.50E-02	3.22E-02	1	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	4.46E-01	4.44E-01	2.23E-03	0.00E+00	0.00E+00
2100 - 2200	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	9.31E-01	6.70E-01	2.61E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.62E+00	1.61E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0800 - 0900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0900 - 1000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1000 - 1100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1100 - 1200	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1200 - 1300	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1300 - 1400	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1400 - 1500	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1500 - 1600	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1600 - 1700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1700 - 1800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1800 - 1900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1900 - 2000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2000 - 2100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	1.04E+00	7.48E-01	2.91E-01	4.19E-02	3.91E-02	2.89E-04	2.08E-04	8.08E-05	1.16E-05	1.09E-05
0700 - 0800	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
0800 - 0900	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
0900 - 1000	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1000 - 1100	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1100 - 1200	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1200 - 1300	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1300 - 1400	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1400 - 1500	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1500 - 1600	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1600 - 1700	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1700 - 1800	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1800 - 1900	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
1900 - 2000	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
2000 - 2100	4.00E+00	3.69E+00	3.06E-01	4.62E-02	4.34E-02	1.11E-03	1.02E-03	8.49E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
						max:	1.02E-03	8.49E-05	1.28E-05	1.21E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.20	0.95	0.91	0.90
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Siu Hong Station (North) Public Transport Interchange (PLB Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 ^{o}C

Relative Humidity: 23 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of PLB (Diesel) [9]																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	0

Hour	Total Start Emission of PLB (Diesel) (g)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)											PLB (Diesel)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	540	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.55E+00	2.34E+00	3.71E+00	4.84E+00	5.71E+00	6.32E+00	6.68E+00	6.73E+00	6.70E+00	6.67E+00	6.61E+00	6.55E+00	6.47E+00	6.38E+00	6.28E+00	6.16E+00	6.04E+00	5.89E+00
NO	1.54E+00	2.32E+00	3.70E+00	4.81E+00	5.68E+00	6.29E+00	6.65E+00	6.69E+00	6.67E+00	6.63E+00	6.58E+00	6.52E+00	6.44E+00	6.35E+00	6.25E+00	6.13E+00	6.01E+00	5.86E+00
NO2	7.80E-03	1.17E-02	1.86E-02	2.42E-02	2.85E-02	3.16E-02	3.34E-02	3.36E-02	3.35E-02	3.33E-02	3.31E-02	3.28E-02	3.24E-02	3.19E-02	3.14E-02	3.08E-02	3.02E-02	2.95E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	0

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	4.02E-03	4.00E-03	2.01E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	0	m

Remark: Spread Distance of Adjusted Start Emission of PLB (LPG) is 150m.

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	275	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
0800 - 0900	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
0900 - 1000	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1000 - 1100	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1100 - 1200	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1200 - 1300	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1300 - 1400	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1400 - 1500	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1500 - 1600	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1600 - 1700	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1700 - 1800	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1800 - 1900	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
1900 - 2000	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
2000 - 2100	2	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	5.28E-01	3.80E-01	1.48E-01	3.50E-02	3.22E-02	1	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	4.63E-01	4.60E-01	2.31E-03	0.00E+00	0.00E+00
2100 - 2200	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	9.60E-01	6.91E-01	2.69E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.68E+00	1.67E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0800 - 0900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0900 - 1000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1000 - 1100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1100 - 1200	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1200 - 1300	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1300 - 1400	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1400 - 1500	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1500 - 1600	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1600 - 1700	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1700 - 1800	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1800 - 1900	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1900 - 2000	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2000 - 2100	2	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2100 - 2200	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.53E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	1.05E+00	7.60E-01	2.95E-01	4.19E-02	3.91E-02	2.93E-04	2.11E-04	8.20E-05	1.16E-05	1.09E-05
0700 - 0800	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
0800 - 0900	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
0900 - 1000	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1000 - 1100	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1100 - 1200	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1200 - 1300	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1300 - 1400	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1400 - 1500	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1500 - 1600	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1600 - 1700	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1700 - 1800	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1800 - 1900	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
1900 - 2000	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
2000 - 2100	4.03E+00	3.72E+00	3.10E-01	4.62E-02	4.34E-02	1.12E-03	1.03E-03	8.61E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
						max:	1.03E-03	8.61E-05	1.28E-05	1.21E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.20	0.95	0.91	0.90
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Siu Hong Station (North) Public Transport Interchange (PLB Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperature: 8 °C

Relative Humidity: 16 %

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (Diesel) Start Emission Factor (g/trip)																	
NOx	6.15E-02	1.11E-01	1.48E-01	2.09E-01	2.58E-01	3.44E-01	5.04E-01	6.27E-01	9.22E-01	1.20E+00	1.35E+00	1.60E+00	1.76E+00	1.84E+00	1.89E+00	1.94E+00	1.97E+00	1.97E+00
NO	4.43E-02	7.96E-02	1.06E-01	1.51E-01	1.86E-01	2.48E-01	3.63E-01	4.52E-01	6.64E-01	8.67E-01	9.74E-01	1.15E+00	1.27E+00	1.33E+00	1.36E+00	1.40E+00	1.42E+00	1.42E+00
NO2	1.72E-02	3.10E-02	4.13E-02	5.85E-02	7.23E-02	9.64E-02	1.41E-01	1.76E-01	2.58E-01	3.37E-01	3.79E-01	4.48E-01	4.92E-01	5.16E-01	5.30E-01	5.44E-01	5.51E-01	5.51E-01
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of PLB (Diesel) [9]																		Total Start Emission of PLB (Diesel) (g)				
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
																	Daily Total	0					

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (Diesel)											PLB (Diesel)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	1.00E-03	7.20E-04	2.80E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	540	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [4]					Adjusted Start Emission outside bus terminus (g) [5]					Start Emission Rate outside bus terminus (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Start Emission

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9

	Public Light Buses (PLB) (LPG) Start Emission Factor (g/trip)																	
NOx	1.78E+00	2.68E+00	4.27E+00	5.56E+00	6.56E+00	7.26E+00	7.67E+00	7.87E+00	7.84E+00	7.80E+00	7.74E+00	7.66E+00	7.57E+00	7.47E+00	7.35E+00	7.21E+00	7.06E+00	6.89E+00
NO	1.77E+00	2.67E+00	4.25E+00	5.53E+00	6.53E+00	7.23E+00	7.64E+00	7.83E+00	7.80E+00	7.76E+00	7.70E+00	7.62E+00	7.53E+00	7.43E+00	7.31E+00	7.17E+00	7.02E+00	6.86E+00
NO2	8.90E-03	1.34E-02	2.13E-02	2.78E-02	3.28E-02	3.63E-02	3.84E-02	3.94E-02	3.92E-02	3.90E-02	3.87E-02	3.83E-02	3.79E-02	3.73E-02	3.67E-02	3.61E-02	3.53E-02	3.45E-02
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of PLB (LPG) [9]																	
	5	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	0

Total Start Emission of PLB (LPG) (g)					
NOx	**NO**	**NO2**	**RSP**	**FSP**
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Remark:
[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.
[2] Population ratio of PLB (Diesel) to PLB (LPG) was extracted from Year 2031 data of EMFAC-HK.

Idling Emission - Terminating Public Light Buses

Idling Time for Terminating Public Light Buses [10]	3	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	PLB (LPG)											PLB (LPG)										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**		**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	4.02E-03	4.00E-03	2.00E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Average Distance from Starting Place to Egress =	160	m
Average Spread Distance outside bus terminus =	0	m

Remark: Spread Distance of Adjusted Start Emission of PLB (LPG) is 150m.

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within bus terminus (g) [6]					Adjusted Start Emission outside bus terminus (g) [7]					Start Emission Rate outside bus terminus (g/s)				
	NOx	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**	**NOx**	**NO**	**NO_2**	**RSP**	**FSP**
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Public Light Buses

Average Travelling Distance within bus terminus =	275	m
Average Travelling Speed =	10	km/h

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP		NOx	NO	NO2	RSP	FSP	NOx	NO	NO2	RSP	FSP
0000 - 0100	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
0800 - 0900	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
0900 - 1000	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1000 - 1100	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1100 - 1200	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1200 - 1300	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1300 - 1400	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1400 - 1500	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1500 - 1600	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1600 - 1700	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1700 - 1800	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1800 - 1900	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
1900 - 2000	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
2000 - 2100	2	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	5.50E-01	3.96E-01	1.54E-01	3.50E-02	3.22E-02	1	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	5.46E-01	5.43E-01	2.72E-03	0.00E+00	0.00E+00
2100 - 2200	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	1.00E+00	7.20E-01	2.80E-01	6.36E-02	5.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	1.99E+00	1.98E+00	9.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Idling Emission - Bypass Public Light Buses

No. of PLB (Diesel) to No. of PLB (LPG) Ratio	3.9	
Idling Time for Bypass Public Light Buses	8	min

Hour	PLB (Diesel)											PLB (LPG)										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0800 - 0900	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
0900 - 1000	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1000 - 1100	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1100 - 1200	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1200 - 1300	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1300 - 1400	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1400 - 1500	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1500 - 1600	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1600 - 1700	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1700 - 1800	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1800 - 1900	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
1900 - 2000	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2000 - 2100	2	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	5.27E-01	3.79E-01	1.47E-01	6.94E-03	6.94E-03	1	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	2.51E+00	2.50E+00	1.25E-02	4.28E-03	4.28E-03
2100 - 2200	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	5.48E-04	3.95E-04	1.54E-04	7.22E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	5.23E-03	5.20E-03	2.61E-05	8.91E-06	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	30											14										

Total Hourly Emission

Hour	Total Emission inside bus terminus (g) (Running + Idling + Start) [8]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	1.08E+00	7.75E-01	3.01E-01	4.19E-02	3.91E-02	2.99E-04	2.15E-04	8.37E-05	1.16E-05	1.09E-05
0700 - 0800	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
0800 - 0900	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
0900 - 1000	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1000 - 1100	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1100 - 1200	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1200 - 1300	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1300 - 1400	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1400 - 1500	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1500 - 1600	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1600 - 1700	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1700 - 1800	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1800 - 1900	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
1900 - 2000	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
2000 - 2100	4.13E+00	3.82E+00	3.17E-01	4.62E-02	4.34E-02	1.15E-03	1.06E-03	8.80E-05	1.28E-05	1.21E-05
2100 - 2200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
						max:	1.06E-03	8.80E-05	1.28E-05	1.21E-05

PTI opening hourly emission factor

NO	NO_2	RSP	FSP
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.20	0.95	0.91	0.90
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of PLB (g) + Hot Idling Emission of PLB (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for LPG PLB

[4] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (Diesel) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 700m]

Minimum value = 0 g

[6] Adjusted Start Emission within bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Starting Place to Egress (m) / 150m]

Minimum value = 0 g

[7] Adjusted Start Emission outside bus terminus (g) = [Total Start Emission of PLB (LPG) (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside bus terminus (m) / 150m]

Minimum value = 0 g

[8] Total Emission Inside bus terminus (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within bus terminus (g)

[9] The no. of trips are based on the information collected during the traffic surveys conducted by the traffic consultant.

[10] The idling times are based on the information collected during the traffic surveys conducted by the traffic consultant.

Siu Hong Station (North) Public Transport Interchange (NFB Terminus)

Minimum Hourly Temperature and Relative Humidity for 1st Quarter
Temperature: 10 °C
Relative Humidity: 30 %

Start Emission

Non-franchised Bus 6.4-15t (NFB7) Start Emission Factor (g/trip)																		
NOx	1.22E-01	2.19E-01	2.93E-01	4.14E-01	5.12E-01	6.82E-01	9.99E-01	1.24E+00	1.83E+00	2.39E+00	2.68E+00	3.17E+00	3.49E+00	3.66E+00	3.75E+00	3.85E+00	3.90E+00	3.90E+00
NO	8.17E-02	1.47E-01	1.96E-01	2.78E-01	3.43E-01	4.57E-01	6.70E-01	8.33E-01	1.22E+00	1.60E+00	1.80E+00	2.12E+00	2.34E+00	2.45E+00	2.51E+00	2.58E+00	2.61E+00	2.61E+00
NO2	4.02E-02	7.24E-02	9.65E-02	1.37E-01	1.69E-01	2.25E-01	3.30E-01	4.10E-01	6.03E-01	7.88E-01	8.85E-01	1.05E+00	1.15E+00	1.21E+00	1.24E+00	1.27E+00	1.29E+00	1.29E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																		
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of NFB7																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	105

	No. of Trips of NFB9																	
Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	112

Hour	Total Start Emission of NFB7 and NFB9 (g)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0600 - 0700	3.54E+00	2.37E+00	1.17E+00	0.00E+00	0.00E+00
0700 - 0800	4.72E+00	3.16E+00	1.56E+00	0.00E+00	0.00E+00
0800 - 0900	4.42E+00	2.96E+00	1.46E+00	0.00E+00	0.00E+00
0900 - 1000	3.55E+00	2.38E+00	1.17E+00	0.00E+00	0.00E+00
1000 - 1100	2.96E+00	1.98E+00	9.75E-01	0.00E+00	0.00E+00
1100 - 1200	1.76E+00	1.18E+00	5.81E-01	0.00E+00	0.00E+00
1200 - 1300	8.78E-01	5.88E-01	2.90E-01	0.00E+00	0.00E+00
1300 - 1400	5.85E-01	3.92E-01	1.93E-01	0.00E+00	0.00E+00
1400 - 1500	2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00
1500 - 1600	4.15E+00	2.78E+00	1.37E+00	0.00E+00	0.00E+00
1600 - 1700	3.56E+00	2.39E+00	1.18E+00	0.00E+00	0.00E+00
1700 - 1800	4.45E+00	2.98E+00	1.47E+00	0.00E+00	0.00E+00
1800 - 1900	6.52E+00	4.37E+00	2.15E+00	0.00E+00	0.00E+00
1900 - 2000	5.62E+00	3.76E+00	1.85E+00	0.00E+00	0.00E+00
2000 - 2100	3.25E+00	2.18E+00	1.07E+00	0.00E+00	0.00E+00
2100 - 2200	3.84E+00	2.57E+00	1.27E+00	0.00E+00	0.00E+00
2200 - 2300	3.84E+00	2.58E+00	1.27E+00	0.00E+00	0.00E+00
2300 - 2400	2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB7										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Hour	NFB9										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Hour	NFB7										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03
0700 - 0800	10	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	9.35E-01	6.26E-01	3.08E-01	6.18E-03	6.18E-03
0800 - 0900	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03
0900 - 1000	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03
1000 - 1100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
1100 - 1200	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
1200 - 1300	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03
1300 - 1400	2	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03
1400 - 1500	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
1500 - 1600	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
1600 - 1700	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03
1700 - 1800	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
1800 - 1900	8	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	7.48E-01	5.01E-01	2.47E-01	4.94E-03	4.94E-03
1900 - 2000	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03
2000 - 2100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
2100 - 2200	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03
2200 - 2300	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03
2300 - 2400	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03
Daily Total	105										

Hour	NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
0700 - 0800	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0800 - 0900	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0900 - 1000	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1000 - 1100	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
1100 - 1200	1	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04
1200 - 1300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
1800 - 1900	14	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.27E+00	8.54E-01	4.20E-01	7.28E-03	7.28E-03
1900 - 2000	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
2000 - 2100	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2100 - 2200	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2200 - 2300	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2300 - 2400	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
Daily Total	112										

Average Distance from Stop/Starting Place to Egress =	200	m
Average Spread Distance outside CPS =	500	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within PTI (g) [4]					Adjusted Start Emission outside PTI (g) [5]					Start Emission Rate outside PTI (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	1.11E+00	7.43E-01	3.66E-01	6.92E-03	6.92E-03	5.55E-01	3.72E-01	1.83E-01	3.46E-03	3.46E-03	8.53E-01	5.72E-01	2.81E-01	0.00E+00	0.00E+00	2.13E+00	1.43E+00	7.04E-01	0.00E+00	0.00E+00	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	1.48E+00	9.92E-01	4.89E-01	9.30E-03	9.30E-03	7.40E-01	4.96E-01	2.44E-01	4.65E-03	4.65E-03	1.14E+00	7.61E-01	3.75E-01	0.00E+00	0.00E+00	2.84E+00	1.90E+00	9.37E-01	0.00E+00	0.00E+00	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	1.39E+00	9.29E-01	4.58E-01	8.68E-03	8.68E-03	6.94E-01	4.65E-01	2.29E-01	4.34E-03	4.34E-03	1.07E+00	7.14E-01	3.52E-01	0.00E+00	0.00E+00	2.66E+00	1.79E+00	8.79E-01	0.00E+00	0.00E+00	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	1.11E+00	7.42E-01	3.65E-01	6.83E-03	6.83E-03	5.53E-01	3.71E-01	1.83E-01	3.41E-03	3.41E-03	8.55E-01	5.73E-01	2.82E-01	0.00E+00	0.00E+00	2.14E+00	1.43E+00	7.05E-01	0.00E+00	0.00E+00	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	9.22E-01	6.18E-01	3.04E-01	5.69E-03	5.69E-03	4.61E-01	3.09E-01	1.52E-01	2.84E-03	2.84E-03	7.13E-01	4.77E-01	2.35E-01	0.00E+00	0.00E+00	1.78E+00	1.19E+00	5.88E-01	0.00E+00	0.00E+00	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	5.58E-01	3.74E-01	1.84E-01	3.61E-03	3.61E-03	2.79E-01	1.87E-01	9.21E-02	1.80E-03	1.80E-03	4.23E-01	2.84E-01	1.40E-01	0.00E+00	0.00E+00	1.06E+00	7.09E-01	3.49E-01	0.00E+00	0.00E+00	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	1.40E-01	9.39E-02	4.63E-02	9.27E-04	9.27E-04	2.11E-01	1.41E-01	6.95E-02	0.00E+00	0.00E+00	5.27E-01	3.53E-01	1.74E-01	0.00E+00	0.00E+00	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	9.35E-02	6.26E-02	3.08E-02	6.18E-04	6.18E-04	1.40E-01	9.41E-02	4.63E-02	0.00E+00	0.00E+00	3.51E-01	2.35E-01	1.16E-01	0.00E+00	0.00E+00	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	1.29E+00	8.62E-01	4.24E-01	7.77E-03	7.77E-03	6.43E-01	4.31E-01	2.12E-01	3.88E-03	3.88E-03	1.00E+00	6.71E-01	3.31E-01	0.00E+00	0.00E+00	2.50E+00	1.68E+00	8.26E-01	0.00E+00	0.00E+00	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	1.10E+00	7.37E-01	3.63E-01	6.53E-03	6.53E-03	5.50E-01	3.68E-01	1.81E-01	3.27E-03	3.27E-03	8.61E-01	5.77E-01	2.84E-01	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.10E-01	0.00E+00	0.00E+00	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	1.38E+00	9.23E-01	4.54E-01	8.29E-03	8.29E-03	6.89E-01	4.61E-01	2.27E-01	4.14E-03	4.14E-03	1.07E+00	7.20E-01	3.54E-01	0.00E+00	0.00E+00	2.68E+00	1.80E+00	8.86E-01	0.00E+00	0.00E+00	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	2.02E+00	1.35E+00	6.67E-01	1.22E-02	1.22E-02	1.01E+00	6.77E-01	3.34E-01	6.11E-03	6.11E-03	1.57E+00	1.05E+00	5.19E-01	0.00E+00	0.00E+00	3.93E+00	2.64E+00	1.30E+00	0.00E+00	0.00E+00	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	1.75E+00	1.17E+00	5.78E-01	1.08E-02	1.08E-02	8.76E-01	5.87E-01	2.89E-01	5.38E-03	5.38E-03	1.35E+00	9.08E-01	4.47E-01	0.00E+00	0.00E+00	3.39E+00	2.27E+00	1.12E+00	0.00E+00	0.00E+00	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	1.01E+00	6.79E-01	3.34E-01	6.21E-03	6.21E-03	5.07E-01	3.39E-01	1.67E-01	3.10E-03	3.10E-03	7.85E-01	5.26E-01	2.59E-01	0.00E+00	0.00E+00	1.96E+00	1.31E+00	6.47E-01	0.00E+00	0.00E+00	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	1.20E+00	8.04E-01	3.96E-01	7.44E-03	7.44E-03	6.00E-01	4.02E-01	1.98E-01	3.72E-03	3.72E-03	9.25E-01	6.20E-01	3.05E-01	0.00E+00	0.00E+00	2.31E+00	1.55E+00	7.63E-01	0.00E+00	0.00E+00	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	1.20E+00	8.02E-01	3.95E-01	7.35E-03	7.35E-03	5.99E-01	4.01E-01	1.98E-01	3.67E-03	3.67E-03	9.27E-01	6.21E-01	3.06E-01	0.00E+00	0.00E+00	2.32E+00	1.55E+00	7.65E-01	0.00E+00	0.00E+00	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within CPS =	275	m
Average Travelling Speed =	10	km/h

Hour	NFB7											NFB9										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	4.83E+00	3.23E+00	1.59E+00	1.27E-01	1.16E-01
0100 - 0200	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	2.41E+00	1.62E+00	7.96E-01	6.33E-02	5.82E-02
0600 - 0700	7	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	4.22E+00	2.83E+00	1.39E+00	9.43E-02	8.68E-02	10	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.21E+01	8.09E+00	3.98E+00	3.17E-01	2.91E-01
0700 - 0800	10	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	6.03E+00	4.04E+00	1.99E+00	1.35E-01	1.24E-01	12	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.45E+01	9.70E+00	4.78E+00	3.80E-01	3.49E-01
0800 - 0900	9	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	5.42E+00	3.63E+00	1.79E+00	1.21E-01	1.12E-01	12	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.45E+01	9.70E+00	4.78E+00	3.80E-01	3.49E-01
0900 - 1000	6	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.62E+00	2.42E+00	1.19E+00	8.09E-02	7.44E-02	12	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.45E+01	9.70E+00	4.78E+00	3.80E-01	3.49E-01
1000 - 1100	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	10	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.21E+01	8.09E+00	3.98E+00	3.17E-01	2.91E-01
1100 - 1200	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	7	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	8.45E+00	5.66E+00	2.79E+00	2.22E-01	2.04E-01
1200 - 1300	3	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	1.81E+00	1.21E+00	5.97E-01	4.04E-02	3.72E-02	6	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	7.24E+00	4.85E+00	2.39E+00	1.90E-01	1.75E-01
1300 - 1400	2	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	1.21E+00	8.08E-01	3.98E-01	2.70E-02	2.48E-02	6	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	7.24E+00	4.85E+00	2.39E+00	1.90E-01	1.75E-01
1400 - 1500	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	10	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.21E+01	8.09E+00	3.98E+00	3.17E-01	2.91E-01
1500 - 1600	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	15	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.81E+01	1.21E+01	5.97E+00	4.75E-01	4.37E-01
1600 - 1700	3	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	1.81E+00	1.21E+00	5.97E-01	4.04E-02	3.72E-02	15	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.81E+01	1.21E+01	5.97E+00	4.75E-01	4.37E-01
1700 - 1800	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	15	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.81E+01	1.21E+01	5.97E+00	4.75E-01	4.37E-01
1800 - 1900	8	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	4.82E+00	3.23E+00	1.59E+00	1.08E-01	9.92E-02	19	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	2.29E+01	1.54E+01	7.57E+00	6.01E-01	5.53E-01
1900 - 2000	9	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	5.42E+00	3.63E+00	1.79E+00	1.21E-01	1.12E-01	16	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.93E+01	1.29E+01	6.37E+00	5.06E-01	4.66E-01
2000 - 2100	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	12	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.45E+01	9.70E+00	4.78E+00	3.80E-01	3.49E-01
2100 - 2200	7	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	4.22E+00	2.83E+00	1.39E+00	9.43E-02	8.68E-02	12	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.45E+01	9.70E+00	4.78E+00	3.80E-01	3.49E-01
2200 - 2300	6	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.62E+00	2.42E+00	1.19E+00	8.09E-02	7.44E-02	13	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	1.57E+01	1.05E+01	5.18E+00	4.11E-01	3.79E-01
2300 - 2400	5	2.19E+00	1.47E+00	7.23E-01	4.90E-02	4.51E-02	3.01E+00	2.02E+00	9.95E-01	6.74E-02	6.20E-02	6	4.39E+00	2.94E+00	1.45E+00	1.15E-01	1.06E-01	7.24E+00	4.85E+00	2.39E+00	1.90E-01	1.75E-01
Daily Total	105											214										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	3	min

Hour	NFB7											NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
0700 - 0800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0900 - 1000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1000 - 1100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1100 - 1200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1200 - 1300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1300 - 1400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1400 - 1500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1500 - 1600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1800 - 1900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1900 - 2000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2000 - 2100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2100 - 2200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2200 - 2300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2300 - 2400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
Daily Total	0											102										

Total Hourly Emission

Hour	Total Emission inside CPS (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	5.43E+00	3.64E+00	1.79E+00	1.29E-01	1.19E-01	1.51E-03	1.01E-03	4.97E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.74E+00	1.84E+00	9.04E-01	6.43E-02	5.93E-02	7.61E-04	5.10E-04	2.51E-04	1.79E-05	1.65E-05
0600 - 0700	1.89E+01	1.27E+01	6.25E+00	4.22E-01	3.89E-01	5.26E-03	3.52E-03	1.74E-03	1.17E-04	1.08E-04
0700 - 0800	2.39E+01	1.60E+01	7.90E+00	5.29E-01	4.87E-01	6.65E-03	4.46E-03	2.19E-03	1.47E-04	1.35E-04
0800 - 0900	2.32E+01	1.55E+01	7.65E+00	5.14E-01	4.74E-01	6.44E-03	4.31E-03	2.12E-03	1.43E-04	1.32E-04
0900 - 1000	2.09E+01	1.40E+01	6.89E+00	4.72E-01	4.35E-01	5.80E-03	3.89E-03	1.91E-03	1.31E-04	1.21E-04
1000 - 1100	1.74E+01	1.17E+01	5.74E+00	3.93E-01	3.63E-01	4.83E-03	3.24E-03	1.59E-03	1.09E-04	1.01E-04
1100 - 1200	1.33E+01	8.89E+00	4.38E+00	2.97E-01	2.74E-01	3.68E-03	2.47E-03	1.22E-03	8.26E-05	7.62E-05
1200 - 1300	1.04E+01	6.94E+00	3.42E+00	2.37E-01	2.18E-01	2.88E-03	1.93E-03	9.50E-04	6.58E-05	6.07E-05
1300 - 1400	9.59E+00	6.43E+00	3.17E+00	2.23E-01	2.05E-01	2.66E-03	1.79E-03	8.79E-04	6.19E-05	5.71E-05
1400 - 1500	1.74E+01	1.16E+01	5.73E+00	3.94E-01	3.63E-01	4.83E-03	3.23E-03	1.59E-03	1.09E-04	1.01E-04
1500 - 1600	2.42E+01	1.62E+01	7.99E+00	5.55E-01	5.11E-01	6.73E-03	4.51E-03	2.22E-03	1.54E-04	1.42E-04
1600 - 1700	2.27E+01	1.52E+01	7.49E+00	5.26E-01	4.85E-01	6.30E-03	4.22E-03	2.08E-03	1.46E-04	1.35E-04
1700 - 1800	2.42E+01	1.62E+01	8.00E+00	5.54E-01	5.11E-01	6.74E-03	4.51E-03	2.22E-03	1.54E-04	1.42E-04
1800 - 1900	3.20E+01	2.15E+01	1.06E+01	7.25E-01	6.69E-01	8.90E-03	5.96E-03	2.94E-03	2.01E-04	1.86E-04
1900 - 2000	2.87E+01	1.92E+01	9.46E+00	6.43E-01	5.93E-01	7.96E-03	5.33E-03	2.63E-03	1.79E-04	1.65E-04
2000 - 2100	2.01E+01	1.35E+01	6.64E+00	4.58E-01	4.22E-01	5.59E-03	3.74E-03	1.84E-03	1.27E-04	1.17E-04
2100 - 2200	2.16E+01	1.45E+01	7.14E+00	4.86E-01	4.48E-01	6.01E-03	4.03E-03	1.98E-03	1.35E-04	1.25E-04
2200 - 2300	2.22E+01	1.49E+01	7.34E+00	5.04E-01	4.65E-01	6.18E-03	4.14E-03	2.04E-03	1.40E-04	1.29E-04
2300 - 2400	1.20E+01	8.04E+00	3.96E+00	2.64E-01	2.43E-01	3.33E-03	2.23E-03	1.10E-03	7.33E-05	6.76E-05
						max:	6.0E-03	2.9E-03	2.0E-04	1.9E-04

CPS opening hourly emission factor

NO	NO_2	RSP	FSP
0.17	0.17	0.18	0.18
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	0.00	0.00
0.09	0.09	0.09	0.09
0.59	0.59	0.58	0.58
0.75	0.75	0.73	0.73
0.72	0.72	0.71	0.71
0.65	0.65	0.65	0.65
0.54	0.54	0.54	0.54
0.41	0.41	0.41	0.41
0.32	0.32	0.33	0.33
0.30	0.30	0.31	0.31
0.54	0.54	0.54	0.54
0.76	0.76	0.76	0.76
0.71	0.71	0.73	0.73
0.76	0.76	0.76	0.76
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.63	0.63	0.63	0.63
0.68	0.68	0.67	0.67
0.69	0.69	0.70	0.70
0.37	0.37	0.36	0.36

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency

[2] Total Idling Emission (g) = Cold Idling Emission of NFB6/7/8 (g) + Hot Idling Emission of NFB6/7/8 (g)

[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)

If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)

Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR

[4] Adjusted Start Emission within CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]

Minimum value = 0 g

[5] Adjusted Start Emission outside CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside CPS (m) / 700m]

Minimum value = 0 g

[6] Total Emission Inside CPS (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within CPS (g)

Siu Hong Station (North) Public Transport Interchange (NFB Terminus)

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperature: 19 °C

Relative Humidity: 40 %

Start Emission

Non-franchised Bus 6.4-15t (NFB7) Start Emission Factor (g/trip)																		
NOx	1.22E-01	2.19E-01	2.93E-01	4.14E-01	5.12E-01	6.82E-01	9.99E-01	1.24E+00	1.83E+00	2.39E+00	2.68E+00	3.17E+00	3.49E+00	3.66E+00	3.75E+00	3.85E+00	3.90E+00	3.90E+00
NO	8.17E-02	1.47E-01	1.96E-01	2.78E-01	3.43E-01	4.57E-01	6.70E-01	8.33E-01	1.22E+00	1.60E+00	1.80E+00	2.12E+00	2.34E+00	2.45E+00	2.51E+00	2.58E+00	2.61E+00	2.61E+00
NO2	4.02E-02	7.24E-02	9.65E-02	1.37E-01	1.69E-01	2.25E-01	3.30E-01	4.10E-01	6.03E-01	7.88E-01	8.85E-01	1.05E+00	1.15E+00	1.21E+00	1.24E+00	1.27E+00	1.29E+00	1.29E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																		
NOx	1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
NO	8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
NO2	4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB7																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	105

Soaking Time (min) / Hour	No. of Trips of NFB9																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	112

Hour	Total Start Emission of NFB7 and NFB9 (g)				
	NOx	NO	NO2	RSP	FSP
0000 - 0100	5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0600 - 0700	3.54E+00	2.37E+00	1.17E+00	0.00E+00	0.00E+00
0700 - 0800	4.72E+00	3.16E+00	1.56E+00	0.00E+00	0.00E+00
0800 - 0900	4.42E+00	2.96E+00	1.46E+00	0.00E+00	0.00E+00
0900 - 1000	3.55E+00	2.38E+00	1.17E+00	0.00E+00	0.00E+00
1000 - 1100	2.96E+00	1.98E+00	9.75E-01	0.00E+00	0.00E+00
1100 - 1200	1.76E+00	1.18E+00	5.81E-01	0.00E+00	0.00E+00
1200 - 1300	8.78E-01	5.88E-01	2.90E-01	0.00E+00	0.00E+00
1300 - 1400	5.85E-01	3.92E-01	1.93E-01	0.00E+00	0.00E+00
1400 - 1500	2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00
1500 - 1600	4.15E+00	2.78E+00	1.37E+00	0.00E+00	0.00E+00
1600 - 1700	3.56E+00	2.39E+00	1.18E+00	0.00E+00	0.00E+00
1700 - 1800	4.45E+00	2.98E+00	1.47E+00	0.00E+00	0.00E+00
1800 - 1900	6.52E+00	4.37E+00	2.15E+00	0.00E+00	0.00E+00
1900 - 2000	5.62E+00	3.76E+00	1.85E+00	0.00E+00	0.00E+00
2000 - 2100	3.25E+00	2.18E+00	1.07E+00	0.00E+00	0.00E+00
2100 - 2200	3.84E+00	2.57E+00	1.27E+00	0.00E+00	0.00E+00
2200 - 2300	3.84E+00	2.58E+00	1.27E+00	0.00E+00	0.00E+00
2300 - 2400	2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB7											NFB9										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Hour	NFB7											NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
0700 - 0800	10	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	9.35E-01	6.26E-01	3.08E-01	6.18E-03	6.18E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0800 - 0900	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0900 - 1000	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1000 - 1100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
1100 - 1200	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	1	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04
1200 - 1300	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	2	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
1800 - 1900	8	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	7.48E-01	5.01E-01	2.47E-01	4.94E-03	4.94E-03	14	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.27E+00	8.54E-01	4.20E-01	7.28E-03	7.28E-03
1900 - 2000	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
2000 - 2100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2100 - 2200	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2200 - 2300	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2300 - 2400	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
Daily Total	105											112										

Average Distance from Stop/Starting Place to Egress =	200	m
Average Spread Distance outside CPS =	500	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within PTI (g) [4]					Adjusted Start Emission outside PTI (g) [5]					Start Emission Rate outside PTI (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	1.11E+00	7.43E-01	3.66E-01	6.92E-03	6.92E-03	5.55E-01	3.72E-01	1.83E-01	3.46E-03	3.46E-03	8.53E-01	5.72E-01	2.81E-01	0.00E+00	0.00E+00	2.13E+00	1.43E+00	7.04E-01	0.00E+00	0.00E+00	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	1.48E+00	9.92E-01	4.89E-01	9.30E-03	9.30E-03	7.40E-01	4.96E-01	2.44E-01	4.65E-03	4.65E-03	1.14E+00	7.61E-01	3.75E-01	0.00E+00	0.00E+00	2.84E+00	1.90E+00	9.37E-01	0.00E+00	0.00E+00	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	1.39E+00	9.29E-01	4.58E-01	8.68E-03	8.68E-03	6.94E-01	4.65E-01	2.29E-01	4.34E-03	4.34E-03	1.07E+00	7.14E-01	3.52E-01	0.00E+00	0.00E+00	2.66E+00	1.79E+00	8.79E-01	0.00E+00	0.00E+00	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	1.11E+00	7.41E-01	3.65E-01	6.83E-03	6.83E-03	5.53E-01	3.71E-01	1.83E-01	3.41E-03	3.41E-03	8.55E-01	5.73E-01	2.82E-01	0.00E+00	0.00E+00	2.14E+00	1.43E+00	7.05E-01	0.00E+00	0.00E+00	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	9.22E-01	6.18E-01	3.04E-01	5.69E-03	5.69E-03	4.61E-01	3.09E-01	1.52E-01	2.84E-03	2.84E-03	7.13E-01	4.77E-01	2.35E-01	0.00E+00	0.00E+00	1.78E+00	1.19E+00	5.88E-01	0.00E+00	0.00E+00	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	5.58E-01	3.74E-01	1.84E-01	3.61E-03	3.61E-03	2.79E-01	1.87E-01	9.21E-02	1.80E-03	1.80E-03	4.23E-01	2.84E-01	1.40E-01	0.00E+00	0.00E+00	1.06E+00	7.09E-01	3.49E-01	0.00E+00	0.00E+00	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	1.40E-01	9.39E-02	4.63E-02	9.27E-04	9.27E-04	2.11E-01	1.41E-01	6.95E-02	0.00E+00	0.00E+00	5.27E-01	3.53E-01	1.74E-01	0.00E+00	0.00E+00	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	9.35E-02	6.26E-02	3.08E-02	6.18E-04	6.18E-04	1.40E-01	9.41E-02	4.63E-02	0.00E+00	0.00E+00	3.51E-01	2.35E-01	1.16E-01	0.00E+00	0.00E+00	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	1.29E+00	8.62E-01	4.24E-01	7.77E-03	7.77E-03	6.43E-01	4.31E-01	2.12E-01	3.88E-03	3.88E-03	1.00E+00	6.71E-01	3.31E-01	0.00E+00	0.00E+00	2.50E+00	1.68E+00	8.26E-01	0.00E+00	0.00E+00	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	1.10E+00	7.37E-01	3.63E-01	6.53E-03	6.53E-03	5.50E-01	3.68E-01	1.81E-01	3.27E-03	3.27E-03	8.61E-01	5.77E-01	2.84E-01	0.00E+00	0.00E+00	2.15E+00	1.44E+00	7.10E-01	0.00E+00	0.00E+00	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	1.38E+00	9.23E-01	4.54E-01	8.29E-03	8.29E-03	6.89E-01	4.61E-01	2.27E-01	4.14E-03	4.14E-03	1.07E+00	7.20E-01	3.54E-01	0.00E+00	0.00E+00	2.68E+00	1.80E+00	8.86E-01	0.00E+00	0.00E+00	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	2.02E+00	1.35E+00	6.67E-01	1.22E-02	1.22E-02	1.01E+00	6.77E-01	3.34E-01	6.11E-03	6.11E-03	1.57E+00	1.05E+00	5.19E-01	0.00E+00	0.00E+00	3.93E+00	2.64E+00	1.30E+00	0.00E+00	0.00E+00	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	1.75E+00	1.17E+00	5.78E-01	1.08E-02	1.08E-02	8.76E-01	5.87E-01	2.89E-01	5.38E-03	5.38E-03	1.35E+00	9.08E-01	4.47E-01	0.00E+00	0.00E+00	3.39E+00	2.27E+00	1.12E+00	0.00E+00	0.00E+00	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	1.01E+00	6.79E-01	3.34E-01	6.21E-03	6.21E-03	5.07E-01	3.39E-01	1.67E-01	3.10E-03	3.10E-03	7.85E-01	5.26E-01	2.59E-01	0.00E+00	0.00E+00	1.96E+00	1.31E+00	6.47E-01	0.00E+00	0.00E+00	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	1.20E+00	8.04E-01	3.96E-01	7.44E-03	7.44E-03	6.00E-01	4.02E-01	1.98E-01	3.72E-03	3.72E-03	9.25E-01	6.20E-01	3.05E-01	0.00E+00	0.00E+00	2.31E+00	1.55E+00	7.63E-01	0.00E+00	0.00E+00	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	1.20E+00	8.02E-01	3.95E-01	7.35E-03	7.35E-03	5.99E-01	4.01E-01	1.98E-01	3.67E-03	3.67E-03	9.27E-01	6.21E-01	3.06E-01	0.00E+00	0.00E+00	2.32E+00	1.55E+00	7.65E-01	0.00E+00	0.00E+00	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within CPS =	275	m
Average Travelling Speed =	10	km/h

Hour	NFB7											NFB9										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)					Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	4.58E+00	3.07E+00	1.51E+00	1.27E-01	1.16E-01
0100 - 0200	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	2.29E+00	1.53E+00	7.56E-01	6.33E-02	5.82E-02
0600 - 0700	7	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	4.00E+00	2.68E+00	1.32E+00	9.43E-02	8.68E-02	10	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.15E+01	7.67E+00	3.78E+00	3.17E-01	2.91E-01
0700 - 0800	10	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	5.72E+00	3.83E+00	1.89E+00	1.35E-01	1.24E-01	12	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.37E+01	9.21E+00	4.53E+00	3.80E-01	3.49E-01
0800 - 0900	9	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	5.15E+00	3.45E+00	1.70E+00	1.21E-01	1.12E-01	12	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.37E+01	9.21E+00	4.53E+00	3.80E-01	3.49E-01
0900 - 1000	6	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	3.43E+00	2.30E+00	1.13E+00	8.09E-02	7.44E-02	12	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.37E+01	9.21E+00	4.53E+00	3.80E-01	3.49E-01
1000 - 1100	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	10	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.15E+01	7.67E+00	3.78E+00	3.17E-01	2.91E-01
1100 - 1200	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	7	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	8.02E+00	5.37E+00	2.65E+00	2.22E-01	2.04E-01
1200 - 1300	3	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	1.72E+00	1.15E+00	5.66E-01	4.04E-02	3.72E-02	6	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.87E+00	4.60E+00	2.27E+00	1.90E-01	1.75E-01
1300 - 1400	2	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	1.14E+00	7.67E-01	3.78E-01	2.70E-02	2.48E-02	6	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.87E+00	4.60E+00	2.27E+00	1.90E-01	1.75E-01
1400 - 1500	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	10	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.15E+01	7.67E+00	3.78E+00	3.17E-01	2.91E-01
1500 - 1600	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	15	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.72E+01	1.15E+01	5.67E+00	4.75E-01	4.37E-01
1600 - 1700	3	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	1.72E+00	1.15E+00	5.66E-01	4.04E-02	3.72E-02	15	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.72E+01	1.15E+01	5.67E+00	4.75E-01	4.37E-01
1700 - 1800	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	15	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.72E+01	1.15E+01	5.67E+00	4.75E-01	4.37E-01
1800 - 1900	8	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	4.58E+00	3.07E+00	1.51E+00	1.08E-01	9.92E-02	19	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	2.18E+01	1.46E+01	7.18E+00	6.01E-01	5.53E-01
1900 - 2000	9	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	5.15E+00	3.45E+00	1.70E+00	1.21E-01	1.12E-01	16	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.83E+01	1.23E+01	6.05E+00	5.06E-01	4.66E-01
2000 - 2100	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	12	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.37E+01	9.21E+00	4.53E+00	3.80E-01	3.49E-01
2100 - 2200	7	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	4.00E+00	2.68E+00	1.32E+00	9.43E-02	8.68E-02	12	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.37E+01	9.21E+00	4.53E+00	3.80E-01	3.49E-01
2200 - 2300	6	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	3.43E+00	2.30E+00	1.13E+00	8.09E-02	7.44E-02	13	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	1.49E+01	9.97E+00	4.91E+00	4.11E-01	3.79E-01
2300 - 2400	5	2.08E+00	1.39E+00	6.87E-01	4.90E-02	4.51E-02	2.86E+00	1.92E+00	9.44E-01	6.74E-02	6.20E-02	6	4.16E+00	2.79E+00	1.37E+00	1.15E-01	1.06E-01	6.87E+00	4.60E+00	2.27E+00	1.90E-01	1.75E-01
Daily Total	105											214										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	3	min

Hour	NFB7											NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
0700 - 0800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0900 - 1000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1000 - 1100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1100 - 1200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1200 - 1300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1300 - 1400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1400 - 1500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1500 - 1600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1800 - 1900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1900 - 2000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2000 - 2100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2100 - 2200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2200 - 2300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2300 - 2400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
Daily Total	0											102										

Total Hourly Emission

Hour	Total Emission inside CPS (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	5.18E+00	3.47E+00	1.71E+00	1.29E-01	1.19E-01	1.44E-03	9.64E-04	4.75E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.62E+00	1.75E+00	8.64E-01	6.43E-02	5.93E-02	7.27E-04	4.87E-04	2.40E-04	1.79E-05	1.65E-05
0600 - 0700	1.81E+01	1.21E+01	5.97E+00	4.22E-01	3.89E-01	5.03E-03	3.37E-03	1.66E-03	1.17E-04	1.08E-04
0700 - 0800	2.29E+01	1.53E+01	7.56E+00	5.29E-01	4.87E-01	6.36E-03	4.26E-03	2.10E-03	1.47E-04	1.35E-04
0800 - 0900	2.22E+01	1.48E+01	7.31E+00	5.14E-01	4.74E-01	6.16E-03	4.12E-03	2.03E-03	1.43E-04	1.32E-04
0900 - 1000	2.00E+01	1.34E+01	6.59E+00	4.72E-01	4.35E-01	5.54E-03	3.71E-03	1.83E-03	1.31E-04	1.21E-04
1000 - 1100	1.66E+01	1.11E+01	5.49E+00	3.93E-01	3.63E-01	4.62E-03	3.10E-03	1.52E-03	1.09E-04	1.01E-04
1100 - 1200	1.27E+01	8.49E+00	4.18E+00	2.97E-01	2.74E-01	3.52E-03	2.36E-03	1.16E-03	8.26E-05	7.62E-05
1200 - 1300	9.90E+00	6.63E+00	3.27E+00	2.37E-01	2.18E-01	2.75E-03	1.84E-03	9.07E-04	6.58E-05	6.07E-05
1300 - 1400	9.16E+00	6.14E+00	3.02E+00	2.23E-01	2.05E-01	2.54E-03	1.71E-03	8.40E-04	6.19E-05	5.71E-05
1400 - 1500	1.66E+01	1.11E+01	5.48E+00	3.94E-01	3.63E-01	4.61E-03	3.09E-03	1.52E-03	1.09E-04	1.01E-04
1500 - 1600	2.31E+01	1.55E+01	7.64E+00	5.55E-01	5.11E-01	6.43E-03	4.31E-03	2.12E-03	1.54E-04	1.42E-04
1600 - 1700	2.17E+01	1.45E+01	7.15E+00	5.26E-01	4.85E-01	6.02E-03	4.03E-03	1.99E-03	1.46E-04	1.35E-04
1700 - 1800	2.32E+01	1.55E+01	7.65E+00	5.54E-01	5.11E-01	6.44E-03	4.31E-03	2.12E-03	1.54E-04	1.42E-04
1800 - 1900	3.06E+01	2.05E+01	1.01E+01	7.25E-01	6.69E-01	8.50E-03	5.70E-03	2.81E-03	2.01E-04	1.86E-04
1900 - 2000	2.74E+01	1.84E+01	9.04E+00	6.43E-01	5.93E-01	7.61E-03	5.10E-03	2.51E-03	1.79E-04	1.65E-04
2000 - 2100	1.92E+01	1.29E+01	6.34E+00	4.58E-01	4.22E-01	5.34E-03	3.58E-03	1.76E-03	1.27E-04	1.17E-04
2100 - 2200	2.07E+01	1.39E+01	6.83E+00	4.86E-01	4.48E-01	5.75E-03	3.85E-03	1.90E-03	1.35E-04	1.25E-04
2200 - 2300	2.13E+01	1.42E+01	7.02E+00	5.04E-01	4.65E-01	5.91E-03	3.96E-03	1.95E-03	1.40E-04	1.29E-04
2300 - 2400	1.15E+01	7.69E+00	3.79E+00	2.64E-01	2.43E-01	3.19E-03	2.14E-03	1.05E-03	7.33E-05	6.76E-05
						max:	5.7E-03	2.8E-03	2.0E-04	1.9E-04

CPS opening hourly emission factor

NO	NO_2	RSP	FSP
0.17	0.17	0.18	0.18
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	0.00	0.00
0.09	0.09	0.09	0.09
0.59	0.59	0.58	0.58
0.75	0.75	0.73	0.73
0.72	0.72	0.71	0.71
0.65	0.65	0.65	0.65
0.54	0.54	0.54	0.54
0.41	0.41	0.41	0.41
0.32	0.32	0.33	0.33
0.30	0.30	0.31	0.31
0.54	0.54	0.54	0.54
0.76	0.76	0.76	0.76
0.71	0.71	0.73	0.73
0.76	0.76	0.76	0.76
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.63	0.63	0.63	0.63
0.68	0.68	0.67	0.67
0.69	0.69	0.70	0.70
0.37	0.37	0.36	0.36

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency
[2] Total Idling Emission (g) = Cold Idling Emission of NFB6/7/8 (g) + Hot Idling Emission of NFB6/7/8 (g)
[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)
If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)
Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR
[4] Adjusted Start Emission within CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]
Minimum value = 0 g
[5] Adjusted Start Emission outside CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside CPS (m) / 700m]
Minimum value = 0 g
[6] Total Emission Inside CPS (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within CPS (g)

Siu Hong Station (North) Public Transport Interchange (NFB Terminus)

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperature: 21 °C

Relative Humidity: 23 %

Start Emission

Non-franchised Bus 6.4-15t (NFB7) Start Emission Factor (g/trip)																		
NOx	1.22E-01	2.19E-01	2.93E-01	4.14E-01	5.12E-01	6.82E-01	9.99E-01	1.24E+00	1.83E+00	2.39E+00	2.68E+00	3.17E+00	3.49E+00	3.66E+00	3.75E+00	3.85E+00	3.90E+00	3.90E+00
NO	8.17E-02	1.47E-01	1.96E-01	2.78E-01	3.43E-01	4.57E-01	6.70E-01	8.33E-01	1.22E+00	1.60E+00	1.80E+00	2.12E+00	2.34E+00	2.45E+00	2.51E+00	2.58E+00	2.61E+00	2.61E+00
NO2	4.02E-02	7.24E-02	9.65E-02	1.37E-01	1.69E-01	2.25E-01	3.30E-01	4.10E-01	6.03E-01	7.88E-01	8.85E-01	1.05E+00	1.15E+00	1.21E+00	1.24E+00	1.27E+00	1.29E+00	1.29E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

	No. of Trips of NFB7																	
Soaking Time (min) / Hour	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	105

No. of Trips of NFB9																	
5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total	112

Total Start Emission of NFB7 and NFB9 (g)				
NOx	NO	NO2	RSP	FSP
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
3.54E+00	2.37E+00	1.17E+00	0.00E+00	0.00E+00
4.72E+00	3.16E+00	1.56E+00	0.00E+00	0.00E+00
4.42E+00	2.96E+00	1.46E+00	0.00E+00	0.00E+00
3.55E+00	2.38E+00	1.17E+00	0.00E+00	0.00E+00
2.96E+00	1.98E+00	9.75E-01	0.00E+00	0.00E+00
1.76E+00	1.18E+00	5.81E-01	0.00E+00	0.00E+00
8.78E-01	5.88E-01	2.90E-01	0.00E+00	0.00E+00
5.85E-01	3.92E-01	1.93E-01	0.00E+00	0.00E+00
2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00
4.15E+00	2.78E+00	1.37E+00	0.00E+00	0.00E+00
3.56E+00	2.39E+00	1.18E+00	0.00E+00	0.00E+00
4.45E+00	2.98E+00	1.47E+00	0.00E+00	0.00E+00
6.52E+00	4.37E+00	2.15E+00	0.00E+00	0.00E+00
5.62E+00	3.76E+00	1.85E+00	0.00E+00	0.00E+00
3.25E+00	2.18E+00	1.07E+00	0.00E+00	0.00E+00
3.84E+00	2.57E+00	1.27E+00	0.00E+00	0.00E+00
3.84E+00	2.58E+00	1.27E+00	0.00E+00	0.00E+00
2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB7											NFB9										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Hour	NFB7											NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
0700 - 0800	10	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	9.35E-01	6.26E-01	3.08E-01	6.18E-03	6.18E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0800 - 0900	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0900 - 1000	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1000 - 1100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
1100 - 1200	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	1	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04
1200 - 1300	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	2	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
1800 - 1900	8	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	7.48E-01	5.01E-01	2.47E-01	4.94E-03	4.94E-03	14	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.27E+00	8.54E-01	4.20E-01	7.28E-03	7.28E-03
1900 - 2000	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
2000 - 2100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2100 - 2200	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2200 - 2300	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2300 - 2400	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
Daily Total	105											112										

Average Distance from Stop/Starting Place to Egress =	200	m
Average Spread Distance outside CPS =	500	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within PTI (g) [4]				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00
0600 - 0700	1.11E+00	7.43E-01	3.66E-01	6.92E-03	6.92E-03	5.55E-01	3.72E-01	1.83E-01	3.46E-03	3.46E-03	8.53E-01	5.72E-01	2.81E-01	0.00E+00	0.00E+00
0700 - 0800	1.48E+00	9.92E-01	4.89E-01	9.30E-03	9.30E-03	7.40E-01	4.96E-01	2.44E-01	4.65E-03	4.65E-03	1.14E+00	7.61E-01	3.75E-01	0.00E+00	0.00E+00
0800 - 0900	1.39E+00	9.29E-01	4.58E-01	8.68E-03	8.68E-03	6.94E-01	4.65E-01	2.29E-01	4.34E-03	4.34E-03	1.07E+00	7.14E-01	3.52E-01	0.00E+00	0.00E+00
0900 - 1000	1.11E+00	7.41E-01	3.65E-01	6.83E-03	6.83E-03	5.53E-01	3.71E-01	1.83E-01	3.41E-03	3.41E-03	8.55E-01	5.73E-01	2.82E-01	0.00E+00	0.00E+00
1000 - 1100	9.22E-01	6.18E-01	3.04E-01	5.69E-03	5.69E-03	4.61E-01	3.09E-01	1.52E-01	2.84E-03	2.84E-03	7.13E-01	4.77E-01	2.35E-01	0.00E+00	0.00E+00
1100 - 1200	5.58E-01	3.74E-01	1.84E-01	3.61E-03	3.61E-03	2.79E-01	1.87E-01	9.21E-02	1.80E-03	1.80E-03	4.23E-01	2.84E-01	1.40E-01	0.00E+00	0.00E+00
1200 - 1300	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	1.40E-01	9.39E-02	4.63E-02	9.27E-04	9.27E-04	2.11E-01	1.41E-01	6.95E-02	0.00E+00	0.00E+00
1300 - 1400	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	9.35E-02	6.26E-02	3.08E-02	6.18E-04	6.18E-04	1.40E-01	9.41E-02	4.63E-02	0.00E+00	0.00E+00
1400 - 1500	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00
1500 - 1600	1.29E+00	8.62E-01	4.24E-01	7.77E-03	7.77E-03	6.43E-01	4.31E-01	2.12E-01	3.88E-03	3.88E-03	1.00E+00	6.71E-01	3.31E-01	0.00E+00	0.00E+00
1600 - 1700	1.10E+00	7.37E-01	3.63E-01	6.53E-03	6.53E-03	5.50E-01	3.68E-01	1.81E-01	3.27E-03	3.27E-03	8.61E-01	5.77E-01	2.84E-01	0.00E+00	0.00E+00
1700 - 1800	1.38E+00	9.23E-01	4.54E-01	8.29E-03	8.29E-03	6.89E-01	4.61E-01	2.27E-01	4.14E-03	4.14E-03	1.07E+00	7.20E-01	3.54E-01	0.00E+00	0.00E+00
1800 - 1900	2.02E+00	1.35E+00	6.67E-01	1.22E-02	1.22E-02	1.01E+00	6.77E-01	3.34E-01	6.11E-03	6.11E-03	1.57E+00	1.05E+00	5.19E-01	0.00E+00	0.00E+00
1900 - 2000	1.75E+00	1.17E+00	5.78E-01	1.08E-02	1.08E-02	8.76E-01	5.87E-01	2.89E-01	5.38E-03	5.38E-03	1.35E+00	9.08E-01	4.47E-01	0.00E+00	0.00E+00
2000 - 2100	1.01E+00	6.79E-01	3.34E-01	6.21E-03	6.21E-03	5.07E-01	3.39E-01	1.67E-01	3.10E-03	3.10E-03	7.85E-01	5.26E-01	2.59E-01	0.00E+00	0.00E+00
2100 - 2200	1.20E+00	8.04E-01	3.96E-01	7.44E-03	7.44E-03	6.00E-01	4.02E-01	1.98E-01	3.72E-03	3.72E-03	9.25E-01	6.20E-01	3.05E-01	0.00E+00	0.00E+00
2200 - 2300	1.20E+00	8.02E-01	3.95E-01	7.35E-03	7.35E-03	5.99E-01	4.01E-01	1.98E-01	3.67E-03	3.67E-03	9.27E-01	6.21E-01	3.06E-01	0.00E+00	0.00E+00
2300 - 2400	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00

Hour	Adjusted Start Emission outside PTI (g) [5]					Start Emission Rate outside PTI (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	2.13E+00	1.43E+00	7.04E-01	0.00E+00	0.00E+00	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	2.84E+00	1.90E+00	9.37E-01	0.00E+00	0.00E+00	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	2.66E+00	1.79E+00	8.79E-01	0.00E+00	0.00E+00	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	2.14E+00	1.43E+00	7.05E-01	0.00E+00	0.00E+00	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	1.78E+00	1.19E+00	5.88E-01	0.00E+00	0.00E+00	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	1.06E+00	7.09E-01	3.49E-01	0.00E+00	0.00E+00	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	5.27E-01	3.53E-01	1.74E-01	0.00E+00	0.00E+00	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	3.51E-01	2.35E-01	1.16E-01	0.00E+00	0.00E+00	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	2.50E+00	1.68E+00	8.26E-01	0.00E+00	0.00E+00	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	2.15E+00	1.44E+00	7.10E-01	0.00E+00	0.00E+00	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	2.68E+00	1.80E+00	8.86E-01	0.00E+00	0.00E+00	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	3.93E+00	2.64E+00	1.30E+00	0.00E+00	0.00E+00	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	3.39E+00	2.27E+00	1.12E+00	0.00E+00	0.00E+00	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	1.96E+00	1.31E+00	6.47E-01	0.00E+00	0.00E+00	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	2.31E+00	1.55E+00	7.63E-01	0.00E+00	0.00E+00	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	2.32E+00	1.55E+00	7.65E-01	0.00E+00	0.00E+00	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within CPS =	275	m
Average Travelling Speed =	10	km/h

Hour	NFB7 Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	7	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	4.13E+00	2.77E+00	1.36E+00	9.43E-02	8.68E-02
0700 - 0800	10	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	5.90E+00	3.95E+00	1.95E+00	1.35E-01	1.24E-01
0800 - 0900	9	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	5.31E+00	3.56E+00	1.75E+00	1.21E-01	1.12E-01
0900 - 1000	6	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	3.54E+00	2.37E+00	1.17E+00	8.09E-02	7.44E-02
1000 - 1100	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
1100 - 1200	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
1200 - 1300	3	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	1.77E+00	1.19E+00	5.84E-01	4.04E-02	3.72E-02
1300 - 1400	2	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	1.18E+00	7.91E-01	3.89E-01	2.70E-02	2.48E-02
1400 - 1500	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
1500 - 1600	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
1600 - 1700	3	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	1.77E+00	1.19E+00	5.84E-01	4.04E-02	3.72E-02
1700 - 1800	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
1800 - 1900	8	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	4.72E+00	3.16E+00	1.56E+00	1.08E-01	9.92E-02
1900 - 2000	9	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	5.31E+00	3.56E+00	1.75E+00	1.21E-01	1.12E-01
2000 - 2100	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
2100 - 2200	7	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	4.13E+00	2.77E+00	1.36E+00	9.43E-02	8.68E-02
2200 - 2300	6	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	3.54E+00	2.37E+00	1.17E+00	8.09E-02	7.44E-02
2300 - 2400	5	2.15E+00	1.44E+00	7.08E-01	4.90E-02	4.51E-02	2.95E+00	1.98E+00	9.74E-01	6.74E-02	6.20E-02
Daily Total	105										

Hour	NFB9 Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	4	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	4.73E+00	3.17E+00	1.56E+00	1.27E-01	1.16E-01
0100 - 0200	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	2.36E+00	1.58E+00	7.80E-01	6.33E-02	5.82E-02
0600 - 0700	10	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.18E+01	7.91E+00	3.90E+00	3.17E-01	2.91E-01
0700 - 0800	12	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.42E+01	9.50E+00	4.68E+00	3.80E-01	3.49E-01
0800 - 0900	12	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.42E+01	9.50E+00	4.68E+00	3.80E-01	3.49E-01
0900 - 1000	12	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.42E+01	9.50E+00	4.68E+00	3.80E-01	3.49E-01
1000 - 1100	10	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.18E+01	7.91E+00	3.90E+00	3.17E-01	2.91E-01
1100 - 1200	7	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	8.27E+00	5.54E+00	2.73E+00	2.22E-01	2.04E-01
1200 - 1300	6	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	7.09E+00	4.75E+00	2.34E+00	1.90E-01	1.75E-01
1300 - 1400	6	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	7.09E+00	4.75E+00	2.34E+00	1.90E-01	1.75E-01
1400 - 1500	10	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.18E+01	7.91E+00	3.90E+00	3.17E-01	2.91E-01
1500 - 1600	15	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.77E+01	1.19E+01	5.85E+00	4.75E-01	4.37E-01
1600 - 1700	15	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.77E+01	1.19E+01	5.85E+00	4.75E-01	4.37E-01
1700 - 1800	15	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.77E+01	1.19E+01	5.85E+00	4.75E-01	4.37E-01
1800 - 1900	19	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	2.24E+01	1.50E+01	7.41E+00	6.01E-01	5.53E-01
1900 - 2000	16	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.89E+01	1.27E+01	6.24E+00	5.06E-01	4.66E-01
2000 - 2100	12	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.42E+01	9.50E+00	4.68E+00	3.80E-01	3.49E-01
2100 - 2200	12	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.42E+01	9.50E+00	4.68E+00	3.80E-01	3.49E-01
2200 - 2300	13	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	1.54E+01	1.03E+01	5.07E+00	4.11E-01	3.79E-01
2300 - 2400	6	4.30E+00	2.88E+00	1.42E+00	1.15E-01	1.06E-01	7.09E+00	4.75E+00	2.34E+00	1.90E-01	1.75E-01
Daily Total	214										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	3	min

Hour	NFB7 Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Hour	NFB9 Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
0700 - 0800	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0900 - 1000	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1000 - 1100	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1100 - 1200	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1200 - 1300	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1300 - 1400	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1400 - 1500	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1500 - 1600	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1800 - 1900	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1900 - 2000	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2000 - 2100	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2100 - 2200	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2200 - 2300	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2300 - 2400	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
Daily Total	102										

Total Hourly Emission

Hour	Total Emission inside CPS (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	5.32E+00	3.57E+00	1.76E+00	1.29E-01	1.19E-01	1.48E-03	9.91E-04	4.88E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.69E+00	1.80E+00	8.87E-01	6.43E-02	5.93E-02	7.47E-04	5.00E-04	2.46E-04	1.79E-05	1.65E-05
0600 - 0700	1.86E+01	1.25E+01	6.13E+00	4.22E-01	3.89E-01	5.16E-03	3.46E-03	1.70E-03	1.17E-04	1.08E-04
0700 - 0800	2.35E+01	1.58E+01	7.76E+00	5.29E-01	4.87E-01	6.53E-03	4.38E-03	2.16E-03	1.47E-04	1.35E-04
0800 - 0900	2.28E+01	1.52E+01	7.51E+00	5.14E-01	4.74E-01	6.32E-03	4.24E-03	2.09E-03	1.43E-04	1.32E-04
0900 - 1000	2.05E+01	1.37E+01	6.76E+00	4.72E-01	4.35E-01	5.69E-03	3.81E-03	1.88E-03	1.31E-04	1.21E-04
1000 - 1100	1.71E+01	1.14E+01	5.64E+00	3.93E-01	3.63E-01	4.74E-03	3.18E-03	1.57E-03	1.09E-04	1.01E-04
1100 - 1200	1.30E+01	8.72E+00	4.30E+00	2.97E-01	2.74E-01	3.62E-03	2.42E-03	1.19E-03	8.26E-05	7.62E-05
1200 - 1300	1.02E+01	6.81E+00	3.36E+00	2.37E-01	2.18E-01	2.82E-03	1.89E-03	9.32E-04	6.58E-05	6.07E-05
1300 - 1400	9.41E+00	6.31E+00	3.11E+00	2.23E-01	2.05E-01	2.62E-03	1.75E-03	8.63E-04	6.19E-05	5.71E-05
1400 - 1500	1.71E+01	1.14E+01	5.63E+00	3.94E-01	3.63E-01	4.74E-03	3.17E-03	1.56E-03	1.09E-04	1.01E-04
1500 - 1600	2.38E+01	1.59E+01	7.85E+00	5.55E-01	5.11E-01	6.60E-03	4.43E-03	2.18E-03	1.54E-04	1.42E-04
1600 - 1700	2.23E+01	1.49E+01	7.35E+00	5.26E-01	4.85E-01	6.19E-03	4.14E-03	2.04E-03	1.46E-04	1.35E-04
1700 - 1800	2.38E+01	1.59E+01	7.85E+00	5.54E-01	5.11E-01	6.61E-03	4.43E-03	2.18E-03	1.54E-04	1.42E-04
1800 - 1900	3.14E+01	2.11E+01	1.04E+01	7.25E-01	6.69E-01	8.73E-03	5.85E-03	2.88E-03	2.01E-04	1.86E-04
1900 - 2000	2.81E+01	1.89E+01	9.28E+00	6.43E-01	5.93E-01	7.82E-03	5.24E-03	2.58E-03	1.79E-04	1.65E-04
2000 - 2100	1.97E+01	1.32E+01	6.51E+00	4.58E-01	4.22E-01	5.48E-03	3.67E-03	1.81E-03	1.27E-04	1.17E-04
2100 - 2200	2.13E+01	1.42E+01	7.01E+00	4.86E-01	4.48E-01	5.90E-03	3.95E-03	1.95E-03	1.35E-04	1.25E-04
2200 - 2300	2.18E+01	1.46E+01	7.21E+00	5.04E-01	4.65E-01	6.07E-03	4.06E-03	2.00E-03	1.40E-04	1.29E-04
2300 - 2400	1.18E+01	7.89E+00	3.89E+00	2.64E-01	2.43E-01	3.27E-03	2.19E-03	1.08E-03	7.33E-05	6.76E-05
						max:	5.9E-03	2.9E-03	2.0E-04	1.9E-04

CPS opening hourly emission factor

NO	NO_2	RSP	FSP
0.17	0.17	0.18	0.18
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	0.00	0.00
0.09	0.09	0.09	0.09
0.59	0.59	0.58	0.58
0.75	0.75	0.73	0.73
0.72	0.72	0.71	0.71
0.65	0.65	0.65	0.65
0.54	0.54	0.54	0.54
0.41	0.41	0.41	0.41
0.32	0.32	0.33	0.33
0.30	0.30	0.31	0.31
0.54	0.54	0.54	0.54
0.76	0.76	0.76	0.76
0.71	0.71	0.73	0.73
0.76	0.76	0.76	0.76
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.63	0.63	0.63	0.63
0.68	0.68	0.67	0.67
0.69	0.69	0.70	0.70
0.37	0.37	0.36	0.36

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency
[2] Total Idling Emission (g) = Cold Idling Emission of NFB6/7/8 (g) + Hot Idling Emission of NFB6/7/8 (g)
[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)
If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)
Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR
[4] Adjusted Start Emission within CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]
Minimum value = 0 g
[5] Adjusted Start Emission outside CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside CPS (m) / 700m]
Minimum value = 0 g
[6] Total Emission Inside CPS (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within CPS (g)

Siu Hong Station (North) Public Transport Interchange (NFB Terminus)

Minimum Hourly Temperature and Relative Humidity for 4th Quarter
Temperature: 8 °C
Relative Humidity: 16 %

Start Emission

Non-franchised Bus 6.4-15t (NFB7) Start Emission Factor (g/trip)																		
NOx	1.22E-01	2.19E-01	2.93E-01	4.14E-01	5.12E-01	6.82E-01	9.99E-01	1.24E+00	1.83E+00	2.39E+00	2.68E+00	3.17E+00	3.49E+00	3.66E+00	3.75E+00	3.85E+00	3.90E+00	3.90E+00
NO	8.17E-02	1.47E-01	1.96E-01	2.78E-01	3.43E-01	4.57E-01	6.70E-01	8.33E-01	1.22E+00	1.60E+00	1.80E+00	2.12E+00	2.34E+00	2.45E+00	2.51E+00	2.58E+00	2.61E+00	2.61E+00
NO2	4.02E-02	7.24E-02	9.65E-02	1.37E-01	1.69E-01	2.25E-01	3.30E-01	4.10E-01	6.03E-01	7.88E-01	8.85E-01	1.05E+00	1.15E+00	1.21E+00	1.24E+00	1.27E+00	1.29E+00	1.29E+00
RSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FSP	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Non-franchised Bus >24t (NFB9) Start Emission Factor (g/trip)																	
1.24E-01	2.24E-01	2.99E-01	4.23E-01	5.22E-01	6.97E-01	1.02E+00	1.27E+00	1.87E+00	2.44E+00	2.74E+00	3.23E+00	3.56E+00	3.73E+00	3.83E+00	3.93E+00	3.98E+00	3.98E+00
8.34E-02	1.50E-01	2.00E-01	2.83E-01	3.50E-01	4.67E-01	6.83E-01	8.50E-01	1.25E+00	1.63E+00	1.83E+00	2.17E+00	2.38E+00	2.50E+00	2.57E+00	2.63E+00	2.67E+00	2.67E+00
4.10E-02	7.39E-02	9.85E-02	1.40E-01	1.72E-01	2.30E-01	3.37E-01	4.19E-01	6.16E-01	8.05E-01	9.03E-01	1.07E+00	1.17E+00	1.23E+00	1.26E+00	1.30E+00	1.31E+00	1.31E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Soaking Time (min) / Hour	No. of Trips of NFB7																	
	5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	Daily Total	105

No. of Trips of NFB9																	
5	10	20	30	40	50	60	120	180	240	300	360	420	480	540	600	660	720
0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																Daily Total	112

Total Start Emission of NFB7 and NFB9 (g)				
NOx	**NO**	**NO2**	**RSP**	**FSP**
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.97E-01	4.00E-01	1.97E-01	0.00E+00	0.00E+00
3.54E+00	2.37E+00	1.17E+00	0.00E+00	0.00E+00
4.72E+00	3.16E+00	1.56E+00	0.00E+00	0.00E+00
4.42E+00	2.96E+00	1.46E+00	0.00E+00	0.00E+00
3.55E+00	2.38E+00	1.17E+00	0.00E+00	0.00E+00
2.96E+00	1.98E+00	9.75E-01	0.00E+00	0.00E+00
1.76E+00	1.18E+00	5.81E-01	0.00E+00	0.00E+00
8.78E-01	5.88E-01	2.90E-01	0.00E+00	0.00E+00
5.85E-01	3.92E-01	1.93E-01	0.00E+00	0.00E+00
2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00
4.15E+00	2.78E+00	1.37E+00	0.00E+00	0.00E+00
3.56E+00	2.39E+00	1.18E+00	0.00E+00	0.00E+00
4.45E+00	2.98E+00	1.47E+00	0.00E+00	0.00E+00
6.52E+00	4.37E+00	2.15E+00	0.00E+00	0.00E+00
5.62E+00	3.76E+00	1.85E+00	0.00E+00	0.00E+00
3.25E+00	2.18E+00	1.07E+00	0.00E+00	0.00E+00
3.84E+00	2.57E+00	1.27E+00	0.00E+00	0.00E+00
3.84E+00	2.58E+00	1.27E+00	0.00E+00	0.00E+00
2.66E+00	1.78E+00	8.77E-01	0.00E+00	0.00E+00

Idling Emission - Terminating Buses

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Start Emission =	1	min

Hour	NFB7											NFB9										
	Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]					Frequency	Cold Idling Emission Factor (g/s)					Cold Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.41E-03	4.97E-03	2.45E-03	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.70E-03	5.16E-03	2.54E-03	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0											0										

Hour	NFB7											NFB9										
	Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]					Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g) [1]				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03
0600 - 0700	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
0700 - 0800	10	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	9.35E-01	6.26E-01	3.08E-01	6.18E-03	6.18E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0800 - 0900	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
0900 - 1000	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
1000 - 1100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	4.55E-01	3.05E-01	1.50E-01	2.60E-03	2.60E-03
1100 - 1200	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	1	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04
1200 - 1300	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	2	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
1500 - 1600	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	3	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	9	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
1800 - 1900	8	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	7.48E-01	5.01E-01	2.47E-01	4.94E-03	4.94E-03	14	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	1.27E+00	8.54E-01	4.20E-01	7.28E-03	7.28E-03
1900 - 2000	9	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	8.41E-01	5.64E-01	2.78E-01	5.56E-03	5.56E-03	10	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	9.10E-01	6.10E-01	3.00E-01	5.20E-03	5.20E-03
2000 - 2100	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2100 - 2200	7	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	6.54E-01	4.38E-01	2.16E-01	4.32E-03	4.32E-03	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	5.46E-01	3.66E-01	1.80E-01	3.12E-03	3.12E-03
2200 - 2300	6	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	5.61E-01	3.76E-01	1.85E-01	3.71E-03	3.71E-03	7	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.37E-01	4.27E-01	2.10E-01	3.64E-03	3.64E-03
2300 - 2400	5	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	4.67E-01	3.13E-01	1.54E-01	3.09E-03	3.09E-03	4	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	3.64E-01	2.44E-01	1.20E-01	2.08E-03	2.08E-03
Daily Total	105											112										

Average Distance from Stop/Starting Place to Egress =	200	m
Average Spread Distance outside CPS =	500	m

Hour	Total Idling Emission (g) [2]					Idling Emission for Start Emission Adjustment (g) [3]					Adjusted Start Emission within PTI (g) [4]				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	1.82E-01	1.22E-01	6.01E-02	1.04E-03	1.04E-03	9.10E-02	6.10E-02	3.00E-02	5.20E-04	5.20E-04	1.45E-01	9.69E-02	4.77E-02	0.00E+00	0.00E+00
0600 - 0700	1.11E+00	7.43E-01	3.66E-01	6.92E-03	6.92E-03	5.55E-01	3.72E-01	1.83E-01	3.46E-03	3.46E-03	8.53E-01	5.72E-01	2.81E-01	0.00E+00	0.00E+00
0700 - 0800	1.48E+00	9.92E-01	4.89E-01	9.30E-03	9.30E-03	7.40E-01	4.96E-01	2.44E-01	4.65E-03	4.65E-03	1.14E+00	7.61E-01	3.75E-01	0.00E+00	0.00E+00
0800 - 0900	1.39E+00	9.29E-01	4.58E-01	8.68E-03	8.68E-03	6.94E-01	4.65E-01	2.29E-01	4.34E-03	4.34E-03	1.07E+00	7.14E-01	3.52E-01	0.00E+00	0.00E+00
0900 - 1000	1.11E+00	7.41E-01	3.65E-01	6.83E-03	6.83E-03	5.53E-01	3.71E-01	1.83E-01	3.41E-03	3.41E-03	8.55E-01	5.73E-01	2.82E-01	0.00E+00	0.00E+00
1000 - 1100	9.22E-01	6.18E-01	3.04E-01	5.69E-03	5.69E-03	4.61E-01	3.09E-01	1.52E-01	2.84E-03	2.84E-03	7.13E-01	4.77E-01	2.35E-01	0.00E+00	0.00E+00
1100 - 1200	5.58E-01	3.74E-01	1.84E-01	3.61E-03	3.61E-03	2.79E-01	1.87E-01	9.21E-02	1.80E-03	1.80E-03	4.23E-01	2.84E-01	1.40E-01	0.00E+00	0.00E+00
1200 - 1300	2.80E-01	1.88E-01	9.25E-02	1.85E-03	1.85E-03	1.40E-01	9.39E-02	4.63E-02	9.27E-04	9.27E-04	2.11E-01	1.41E-01	6.95E-02	0.00E+00	0.00E+00
1300 - 1400	1.87E-01	1.25E-01	6.17E-02	1.24E-03	1.24E-03	9.35E-02	6.26E-02	3.08E-02	6.18E-04	6.18E-04	1.40E-01	9.41E-02	4.63E-02	0.00E+00	0.00E+00
1400 - 1500	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00
1500 - 1600	1.29E+00	8.62E-01	4.24E-01	7.77E-03	7.77E-03	6.43E-01	4.31E-01	2.12E-01	3.88E-03	3.88E-03	1.00E+00	6.71E-01	3.31E-01	0.00E+00	0.00E+00
1600 - 1700	1.10E+00	7.37E-01	3.63E-01	6.53E-03	6.53E-03	5.50E-01	3.68E-01	1.81E-01	3.27E-03	3.27E-03	8.61E-01	5.77E-01	2.84E-01	0.00E+00	0.00E+00
1700 - 1800	1.38E+00	9.23E-01	4.55E-01	8.29E-03	8.29E-03	6.89E-01	4.61E-01	2.27E-01	4.14E-03	4.14E-03	1.07E+00	7.20E-01	3.54E-01	0.00E+00	0.00E+00
1800 - 1900	2.02E+00	1.35E+00	6.67E-01	1.22E-02	1.22E-02	1.01E+00	6.77E-01	3.34E-01	6.11E-03	6.11E-03	1.57E+00	1.05E+00	5.19E-01	0.00E+00	0.00E+00
1900 - 2000	1.75E+00	1.17E+00	5.78E-01	1.08E-02	1.08E-02	8.76E-01	5.87E-01	2.89E-01	5.38E-03	5.38E-03	1.35E+00	9.08E-01	4.47E-01	0.00E+00	0.00E+00
2000 - 2100	1.01E+00	6.79E-01	3.34E-01	6.21E-03	6.21E-03	5.07E-01	3.39E-01	1.67E-01	3.10E-03	3.10E-03	7.85E-01	5.26E-01	2.59E-01	0.00E+00	0.00E+00
2100 - 2200	1.20E+00	8.04E-01	3.96E-01	7.44E-03	7.44E-03	6.00E-01	4.02E-01	1.98E-01	3.72E-03	3.72E-03	9.25E-01	6.20E-01	3.05E-01	0.00E+00	0.00E+00
2200 - 2300	1.20E+00	8.02E-01	3.95E-01	7.35E-03	7.35E-03	5.99E-01	4.01E-01	1.98E-01	3.67E-03	3.67E-03	9.27E-01	6.21E-01	3.06E-01	0.00E+00	0.00E+00
2300 - 2400	8.31E-01	5.57E-01	2.74E-01	5.17E-03	5.17E-03	4.16E-01	2.78E-01	1.37E-01	2.58E-03	2.58E-03	6.40E-01	4.29E-01	2.11E-01	0.00E+00	0.00E+00

Hour	Adjusted Start Emission outside PTI (g) [5]					Start Emission Rate outside PTI (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	3.61E-01	2.42E-01	1.19E-01	0.00E+00	0.00E+00	1.00E-04	6.73E-05	3.31E-05	0.00E+00	0.00E+00
0600 - 0700	2.13E+00	1.43E+00	7.04E-01	0.00E+00	0.00E+00	5.92E-04	3.97E-04	1.95E-04	0.00E+00	0.00E+00
0700 - 0800	2.84E+00	1.90E+00	9.37E-01	0.00E+00	0.00E+00	7.89E-04	5.29E-04	2.60E-04	0.00E+00	0.00E+00
0800 - 0900	2.66E+00	1.79E+00	8.79E-01	0.00E+00	0.00E+00	7.40E-04	4.96E-04	2.44E-04	0.00E+00	0.00E+00
0900 - 1000	2.14E+00	1.43E+00	7.05E-01	0.00E+00	0.00E+00	5.94E-04	3.98E-04	1.96E-04	0.00E+00	0.00E+00
1000 - 1100	1.78E+00	1.19E+00	5.88E-01	0.00E+00	0.00E+00	4.95E-04	3.32E-04	1.63E-04	0.00E+00	0.00E+00
1100 - 1200	1.06E+00	7.09E-01	3.49E-01	0.00E+00	0.00E+00	2.94E-04	1.97E-04	9.70E-05	0.00E+00	0.00E+00
1200 - 1300	5.27E-01	3.53E-01	1.74E-01	0.00E+00	0.00E+00	1.46E-04	9.80E-05	4.83E-05	0.00E+00	0.00E+00
1300 - 1400	3.51E-01	2.35E-01	1.16E-01	0.00E+00	0.00E+00	9.75E-05	6.54E-05	3.22E-05	0.00E+00	0.00E+00
1400 - 1500	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00
1500 - 1600	2.50E+00	1.68E+00	8.26E-01	0.00E+00	0.00E+00	6.96E-04	4.66E-04	2.30E-04	0.00E+00	0.00E+00
1600 - 1700	2.15E+00	1.44E+00	7.10E-01	0.00E+00	0.00E+00	5.98E-04	4.01E-04	1.97E-04	0.00E+00	0.00E+00
1700 - 1800	2.68E+00	1.80E+00	8.86E-01	0.00E+00	0.00E+00	7.46E-04	5.00E-04	2.46E-04	0.00E+00	0.00E+00
1800 - 1900	3.93E+00	2.64E+00	1.30E+00	0.00E+00	0.00E+00	1.09E-03	7.32E-04	3.61E-04	0.00E+00	0.00E+00
1900 - 2000	3.39E+00	2.27E+00	1.12E+00	0.00E+00	0.00E+00	9.41E-04	6.30E-04	3.10E-04	0.00E+00	0.00E+00
2000 - 2100	1.96E+00	1.31E+00	6.47E-01	0.00E+00	0.00E+00	5.45E-04	3.65E-04	1.80E-04	0.00E+00	0.00E+00
2100 - 2200	2.31E+00	1.55E+00	7.63E-01	0.00E+00	0.00E+00	6.43E-04	4.31E-04	2.12E-04	0.00E+00	0.00E+00
2200 - 2300	2.32E+00	1.55E+00	7.65E-01	0.00E+00	0.00E+00	6.44E-04	4.32E-04	2.12E-04	0.00E+00	0.00E+00
2300 - 2400	1.60E+00	1.07E+00	5.28E-01	0.00E+00	0.00E+00	4.45E-04	2.98E-04	1.47E-04	0.00E+00	0.00E+00

Running Emission - Terminating and Bypass Buses

Average Travelling Distance within CPS =	275	m
Average Travelling Speed =	10	km/h

Hour	NFB7 Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	7	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	4.30E+00	2.88E+00	1.42E+00	9.43E-02	8.68E-02
0700 - 0800	10	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	6.14E+00	4.12E+00	2.03E+00	1.35E-01	1.24E-01
0800 - 0900	9	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	5.53E+00	3.70E+00	1.82E+00	1.21E-01	1.12E-01
0900 - 1000	6	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.69E+00	2.47E+00	1.22E+00	8.09E-02	7.44E-02
1000 - 1100	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
1100 - 1200	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
1200 - 1300	3	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	1.84E+00	1.23E+00	6.08E-01	4.04E-02	3.72E-02
1300 - 1400	2	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	1.23E+00	8.23E-01	4.05E-01	2.70E-02	2.48E-02
1400 - 1500	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
1500 - 1600	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
1600 - 1700	3	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	1.84E+00	1.23E+00	6.08E-01	4.04E-02	3.72E-02
1700 - 1800	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
1800 - 1900	8	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	4.91E+00	3.29E+00	1.62E+00	1.08E-01	9.92E-02
1900 - 2000	9	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	5.53E+00	3.70E+00	1.82E+00	1.21E-01	1.12E-01
2000 - 2100	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
2100 - 2200	7	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	4.30E+00	2.88E+00	1.42E+00	9.43E-02	8.68E-02
2200 - 2300	6	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.69E+00	2.47E+00	1.22E+00	8.09E-02	7.44E-02
2300 - 2400	5	2.23E+00	1.50E+00	7.37E-01	4.90E-02	4.51E-02	3.07E+00	2.06E+00	1.01E+00	6.74E-02	6.20E-02
Daily Total	105										

Hour	NFB9 Frequency	Running Emission Factor (g/km·vehicle)					Running Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	4	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	4.92E+00	3.30E+00	1.62E+00	1.27E-01	1.16E-01
0100 - 0200	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	2.46E+00	1.65E+00	8.12E-01	6.33E-02	5.82E-02
0600 - 0700	10	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.23E+01	8.24E+00	4.06E+00	3.17E-01	2.91E-01
0700 - 0800	12	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.48E+01	9.89E+00	4.87E+00	3.80E-01	3.49E-01
0800 - 0900	12	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.48E+01	9.89E+00	4.87E+00	3.80E-01	3.49E-01
0900 - 1000	12	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.48E+01	9.89E+00	4.87E+00	3.80E-01	3.49E-01
1000 - 1100	10	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.23E+01	8.24E+00	4.06E+00	3.17E-01	2.91E-01
1100 - 1200	7	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	8.61E+00	5.77E+00	2.84E+00	2.22E-01	2.04E-01
1200 - 1300	6	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	7.38E+00	4.94E+00	2.43E+00	1.90E-01	1.75E-01
1300 - 1400	6	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	7.38E+00	4.94E+00	2.43E+00	1.90E-01	1.75E-01
1400 - 1500	10	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.23E+01	8.24E+00	4.06E+00	3.17E-01	2.91E-01
1500 - 1600	15	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.84E+01	1.24E+01	6.09E+00	4.75E-01	4.37E-01
1600 - 1700	15	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.84E+01	1.24E+01	6.09E+00	4.75E-01	4.37E-01
1700 - 1800	15	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.84E+01	1.24E+01	6.09E+00	4.75E-01	4.37E-01
1800 - 1900	19	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	2.34E+01	1.57E+01	7.71E+00	6.01E-01	5.53E-01
1900 - 2000	16	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.97E+01	1.32E+01	6.49E+00	5.06E-01	4.66E-01
2000 - 2100	12	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.48E+01	9.89E+00	4.87E+00	3.80E-01	3.49E-01
2100 - 2200	12	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.48E+01	9.89E+00	4.87E+00	3.80E-01	3.49E-01
2200 - 2300	13	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	1.60E+01	1.07E+01	5.28E+00	4.11E-01	3.79E-01
2300 - 2400	6	4.47E+00	3.00E+00	1.48E+00	1.15E-01	1.06E-01	7.38E+00	4.94E+00	2.43E+00	1.90E-01	1.75E-01
Daily Total	214										

Idling Emission - Bypass Buses

Idling Time for Bypass Buses =	3	min

Hour	NFB7 Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0100 - 0200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0700 - 0800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0800 - 0900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0900 - 1000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 - 1100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 - 1200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 - 1300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 - 1400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 - 1500	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 - 1600	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 - 1700	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 - 1800	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 - 1900	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 - 2000	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 - 2100	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 - 2200	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 - 2300	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 - 2400	0	7.79E-04	5.22E-04	2.57E-04	5.15E-06	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Daily Total	0										

Hour	NFB9 Frequency	Hot Idling Emission Factor (g/s)					Hot Idling Emission (g)				
		NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
0100 - 0200	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	0	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0600 - 0700	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
0700 - 0800	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0800 - 0900	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
0900 - 1000	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1000 - 1100	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1100 - 1200	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1200 - 1300	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1300 - 1400	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1400 - 1500	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1500 - 1600	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1600 - 1700	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
1700 - 1800	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1800 - 1900	5	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	6.83E-01	4.57E-01	2.25E-01	3.90E-03	3.90E-03
1900 - 2000	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2000 - 2100	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2100 - 2200	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2200 - 2300	6	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	8.19E-01	5.49E-01	2.70E-01	4.68E-03	4.68E-03
2300 - 2400	2	7.58E-04	5.08E-04	2.50E-04	4.33E-06	4.33E-06	2.73E-01	1.83E-01	9.01E-02	1.56E-03	1.56E-03
Daily Total	102										

Total Hourly Emission

Hour	Total Emission inside CPS (g) (Running + Idling + Start) [6]					Total Emission Rate (g/s)				
	NOx	NO	NO_2	RSP	FSP	NOx	NO	NO_2	RSP	FSP
0000 - 0100	5.52E+00	3.70E+00	1.82E+00	1.29E-01	1.19E-01	1.53E-03	1.03E-03	5.06E-04	3.59E-05	3.31E-05
0100 - 0200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0200 - 0300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0300 - 0400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0400 - 0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0500 - 0600	2.79E+00	1.87E+00	9.19E-01	6.43E-02	5.93E-02	7.74E-04	5.18E-04	2.55E-04	1.79E-05	1.65E-05
0600 - 0700	1.92E+01	1.29E+01	6.35E+00	4.22E-01	3.89E-01	5.34E-03	3.58E-03	1.76E-03	1.17E-04	1.08E-04
0700 - 0800	2.43E+01	1.63E+01	8.03E+00	5.29E-01	4.87E-01	6.76E-03	4.53E-03	2.23E-03	1.47E-04	1.35E-04
0800 - 0900	2.36E+01	1.58E+01	7.77E+00	5.14E-01	4.74E-01	6.54E-03	4.38E-03	2.16E-03	1.43E-04	1.32E-04
0900 - 1000	2.12E+01	1.42E+01	7.00E+00	4.72E-01	4.35E-01	5.90E-03	3.95E-03	1.95E-03	1.31E-04	1.21E-04
1000 - 1100	1.77E+01	1.18E+01	5.84E+00	3.93E-01	3.63E-01	4.91E-03	3.29E-03	1.62E-03	1.09E-04	1.01E-04
1100 - 1200	1.35E+01	9.03E+00	4.45E+00	2.97E-01	2.74E-01	3.74E-03	2.51E-03	1.24E-03	8.26E-05	7.62E-05
1200 - 1300	1.05E+01	7.06E+00	3.48E+00	2.37E-01	2.18E-01	2.93E-03	1.96E-03	9.65E-04	6.58E-05	6.07E-05
1300 - 1400	9.75E+00	6.53E+00	3.22E+00	2.23E-01	2.05E-01	2.71E-03	1.82E-03	8.94E-04	6.19E-05	5.71E-05
1400 - 1500	1.77E+01	1.18E+01	5.83E+00	3.94E-01	3.63E-01	4.91E-03	3.29E-03	1.62E-03	1.09E-04	1.01E-04
1500 - 1600	2.46E+01	1.65E+01	8.13E+00	5.55E-01	5.11E-01	6.84E-03	4.58E-03	2.26E-03	1.54E-04	1.42E-04
1600 - 1700	2.31E+01	1.55E+01	7.61E+00	5.26E-01	4.85E-01	6.41E-03	4.29E-03	2.11E-03	1.46E-04	1.35E-04
1700 - 1800	2.46E+01	1.65E+01	8.13E+00	5.54E-01	5.11E-01	6.85E-03	4.59E-03	2.26E-03	1.54E-04	1.42E-04
1800 - 1900	3.26E+01	2.18E+01	1.07E+01	7.25E-01	6.69E-01	9.04E-03	6.06E-03	2.98E-03	2.01E-04	1.86E-04
1900 - 2000	2.91E+01	1.95E+01	9.61E+00	6.43E-01	5.93E-01	8.09E-03	5.42E-03	2.67E-03	1.79E-04	1.65E-04
2000 - 2100	2.04E+01	1.37E+01	6.75E+00	4.58E-01	4.22E-01	5.68E-03	3.80E-03	1.87E-03	1.27E-04	1.17E-04
2100 - 2200	2.20E+01	1.47E+01	7.26E+00	4.86E-01	4.48E-01	6.11E-03	4.09E-03	2.02E-03	1.35E-04	1.25E-04
2200 - 2300	2.26E+01	1.52E+01	7.46E+00	5.04E-01	4.65E-01	6.28E-03	4.21E-03	2.07E-03	1.40E-04	1.29E-04
2300 - 2400	1.22E+01	8.17E+00	4.02E+00	2.64E-01	2.43E-01	3.39E-03	2.27E-03	1.12E-03	7.33E-05	6.76E-05
						max:	6.1E-03	3.0E-03	2.0E-04	1.9E-04

CPS opening hourly emission factor

NO	NO_2	RSP	FSP
0.17	0.17	0.18	0.18
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	0.00	0.00
0.09	0.09	0.09	0.09
0.59	0.59	0.58	0.58
0.75	0.75	0.73	0.73
0.72	0.72	0.71	0.71
0.65	0.65	0.65	0.65
0.54	0.54	0.54	0.54
0.41	0.41	0.41	0.41
0.32	0.32	0.33	0.33
0.30	0.30	0.31	0.31
0.54	0.54	0.54	0.54
0.76	0.76	0.76	0.76
0.71	0.71	0.73	0.73
0.76	0.76	0.76	0.76
1.00	1.00	1.00	1.00
0.89	0.89	0.89	0.89
0.63	0.63	0.63	0.63
0.68	0.68	0.67	0.67
0.69	0.69	0.70	0.70
0.37	0.37	0.36	0.36

Remarks:

[1] Idling Emission (g) = Idling Emission Factor (g/s) * Actual Idling time (min) * 60 * Frequency
[2] Total Idling Emission (g) = Cold Idling Emission of NFB6/7/8 (g) + Hot Idling Emission of NFB6/7/8 (g)
[3] If Actual Idling Time ≤ 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Actual Idling Time (min)
If Actual Idling Time > 1 min, Idling Emission for Start Emission Adjustment (g) = Idling rate (g/min) * Maximum Duration for Adjusting Start Emission "K" (min)
Where Idling rate (g/min) = Total Idling Emission (g) / Idling Time (min), and "K" = 1 min for Diesel vehicles with SCR
[4] Adjusted Start Emission within CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Distance from Stop/Starting Place to Egress (m) / 700m]
Minimum value = 0 g
[5] Adjusted Start Emission outside CPS (g) = [Total Start Emission of NFB6/7/8 (g) - Idling Emission for Start Emission Adjustment (g)] * [Average Spread Distance outside CPS (m) / 700m]
Minimum value = 0 g
[6] Total Emission Inside CPS (g) = Total Running Emission (g) + Idling Emission (g) + Adjusted Start Emission within CPS (g)

Idling Emission Factors

Minimum Hourly Temperature and Relative Humidity for 1st Quarter

Temperat 10 °C

Relative H 30 %

FBSD

NO2/NOx Ratio [1] = 0.20 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2] [5]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	1.0	1.3	1.174E-02	9.356E-03	2.387E-03	6.920E-06	9.982E-04	7.953E-04	2.029E-04	6.920E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	10%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	90%	0.0077	2.78E-06	4.86E-04	2.78E-06										

FBDD

NO2/NOx Ratio [1] = 0.07 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0737	3.58E-04	1.17E-02	3.58E-04	1.2	1.3	9.700E-02	8.991E-02	7.093E-03	2.651E-05	3.213E-03	2.978E-03	2.349E-04	2.651E-05
Euro IV	0%	0.1535	5.56E-05	2.09E-03	5.56E-05										
Euro V	57%	0.1535	2.78E-05	3.25E-03	2.78E-05										
Euro VI	43%	0.0225	2.78E-06	4.86E-04	2.78E-06										

NFB7

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	0.9	1.3	7.411E-03	4.966E-03	2.446E-03	5.148E-06	7.788E-04	5.218E-04	2.570E-04	5.148E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	6%	0.0033	2.78E-05	3.25E-03	2.78E-05										
Euro VI	94%	0.0077	2.78E-06	4.86E-04	2.78E-06										

NFB9

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05	1.2	1.3	7.700E-03	5.159E-03	2.541E-03	4.333E-06	7.583E-04	5.081E-04	2.503E-04	4.333E-06
Euro V	0%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	100%	0.0077	2.78E-06	4.86E-04	2.78E-06										

PLB (Diesel)

NO2/NOx Ratio [1] = 0.28 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2][10]	PM (g/s) [6]	NOx (g/s) [11]	PM (g/s) [12]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	1.01E-03	4.44E-05	1.01E-03	4.44E-05	-	1.3	1.000E-03	7.201E-04	2.799E-04	7.222E-06	5.483E-04	3.948E-04	1.535E-04	7.222E-06
Euro V	10%	1.00E-03	5.56E-06	1.00E-03	5.56E-06										
Euro VI	90%	1.00E-03	5.56E-06	3.56E-04	5.56E-06										

PLB (LPG)

NO2/NOx Ratio [1] = 0.01 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [13]	PM (g/s) [14]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	2%	9.20E-03	2.78E-05	9.20E-03	2.78E-05	-	1.3	4.020E-03	4.000E-03	2.014E-05	8.913E-06	5.226E-03	5.200E-03	2.618E-05	8.913E-06
Euro IV	2%	3.90E-03	4.44E-05	3.90E-03	4.44E-05										
Euro V	96%	3.90E-03	5.56E-06	3.90E-03	5.56E-06										

Remarks:

(1) NO2/NOx ratio, at the respective running speed, was calculated based on emission factors extracted from EMFAC-HK.

(2) NOx cold idling emission factors were referenced to *Calculation of Strat Emissions in Air Quality Impact Assessment* published by EPD.

(3) Reference made to Table 45 of *Road Tunnels: Vehicles Emissions and Air Demand for Ventilation* (VEADV) published by World Road Association.

(4) Reference made to Table 46 of VEADV.

(5) Due to lack of information, NOx cold idling emission factor for Euro III FBSD was referenced to the corresponding hot idling emission factor.

(6) Due to lack of information, PM cold idlin emission factor were referenced to the corresponding hot idling emission factor.

(7) Reference made to Table 27 of VEADV.

(8) Reference made to the approved *Liantang / Heung Yuen Wai Boundary Control Point and Associated Works EIA Report.*

(9) All RSP emissions were assumed for FSP as a conservative approach.

(10) Due to lack of information, NOx cold idling emission factor for Euro IV to Euro V PLB (Diesel) was referenced to the corresponding hot idling emission factor.

(11) Reference made to Table 42 of VEADV.

(12) Reference made to Table 43 of VEADV.

(13) Due to lack of information, NOx hot idling emission factor was referenced to the corresponding cold idling emission factor from Calculation of Start Emissions in Air Quality Impact Assessment published by EPD.

(14) Due to lack of information, RSP hot idling emission factor for PLB (LPG) was referenced to hot idling emission factor for PLB (Diesel).

Idling Emission Factors

Minimum Hourly Temperature and Relative Humidity for 2nd Quarter

Temperat 19 °C

Relative H 40 %

FBSD

NO2/NOx Ratio [1] = 0.20 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2] [5]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	1.0	1.3	1.174E-02	9.356E-03	2.387E-03	6.920E-06	9.982E-04	7.953E-04	2.029E-04	6.920E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	10%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	90%	0.0077	2.78E-06	4.86E-04	2.78E-06										

FBDD

NO2/NOx Ratio [1] = 0.07 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0737	3.58E-04	1.17E-02	3.58E-04	1.2	1.3	9.700E-02	8.991E-02	7.093E-03	2.651E-05	3.213E-03	2.978E-03	2.349E-04	2.651E-05
Euro IV	0%	0.1535	5.56E-05	2.09E-03	5.56E-05										
Euro V	57%	0.1535	2.78E-05	3.25E-03	2.78E-05										
Euro VI	43%	0.0225	2.78E-06	4.86E-04	2.78E-06										

NFB7

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	0.9	1.3	7.411E-03	4.966E-03	2.446E-03	5.148E-06	7.788E-04	5.218E-04	2.570E-04	5.148E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	6%	0.0033	2.78E-05	3.25E-03	2.78E-05										
Euro VI	94%	0.0077	2.78E-06	4.86E-04	2.78E-06										

NFB9

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05	1.2	1.3	7.700E-03	5.159E-03	2.541E-03	4.333E-06	7.583E-04	5.081E-04	2.502E-04	4.333E-06
Euro V	0%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	100%	0.0077	2.78E-06	4.86E-04	2.78E-06										

PLB (Diesel)

NO2/NOx Ratio [1] = 0.28 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2][10]	PM (g/s) [6]	NOx (g/s) [11]	PM (g/s) [12]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	1.01E-03	4.44E-05	1.01E-03	4.44E-05	-	1.3	1.000E-03	7.201E-04	2.799E-04	7.222E-06	5.483E-04	3.948E-04	1.535E-04	7.222E-06
Euro V	10%	1.00E-03	5.56E-06	1.00E-03	5.56E-06										
Euro VI	90%	1.00E-03	5.56E-06	3.56E-04	5.56E-06										

PLB (LPG)

NO2/NOx Ratio [1] = 0.00 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [13]	PM (g/s) [14]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	2%	9.20E-03	2.78E-05	9.20E-03	2.78E-05	-	1.3	4.020E-03	4.000E-03	2.007E-05	8.913E-06	5.226E-03	5.200E-03	2.609E-05	8.913E-06
Euro IV	2%	3.90E-03	4.44E-05	3.90E-03	4.44E-05										
Euro V	96%	3.90E-03	5.56E-06	3.90E-03	5.56E-06										

Remarks:

(1) NO2/NOx ratio, at the respective running speed, was calculated based on emission factors extracted from EMFAC-HK.

(2) NOx cold idling emission factors were referenced to *Calculation of Strat Emissions in Air Quality Impact Assessment* published by EPD.

(3) Reference made to Table 45 of *Road Tunnels: Vehicles Emissions and Air Demand for Ventilation* (VEADV) published by World Road Association.

(4) Reference made to Table 46 of VEADV.

(5) Due to lack of information, NOx cold idling emission factor for Euro III FBSD was referenced to the corresponding hot idling emission factor.

(6) Due to lack of information, PM cold idlin emission factor were referenced to the corresponding hot idling emission factor.

(7) Reference made to Table 27 of VEADV.

(8) Reference made to the approved *Liantang / Heung Yuen Wai Boundary Control Point and Associated Works EIA Report.*

(9) All RSP emissions were assumed for FSP as a conservative approach.

(10) Due to lack of information, NOx cold idling emission factor for Euro IV to Euro V PLB (Diesel) was referenced to the corresponding hot idling emission factor.

(11) Reference made to Table 42 of VEADV.

(12) Reference made to Table 43 of VEADV.

(13) Due to lack of information, NOx hot idling emission factor was referenced to the corresponding cold idling emission factor from Calculation of Start Emissions in Air Quality Impact Assessment published by EPD.

(14) Due to lack of information, RSP hot idling emission factor for PLB (LPG) was referenced to hot idling emission factor for PLB (Diesel).

Idling Emission Factors

Minimum Hourly Temperature and Relative Humidity for 3rd Quarter

Temperat 21 °C

Relative H 23 %

FBSD

NO2/NOx Ratio [1] = 0.20 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2] [5]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	1.0	1.3	1.174E-02	9.356E-03	2.387E-03	6.920E-06	9.982E-04	7.953E-04	2.029E-04	6.920E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	10%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	90%	0.0077	2.78E-06	4.86E-04	2.78E-06										

FBDD

NO2/NOx Ratio [1] = 0.07 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0737	3.58E-04	1.17E-02	3.58E-04	1.2	1.3	9.700E-02	8.991E-02	7.093E-03	2.651E-05	3.213E-03	2.978E-03	2.349E-04	2.651E-05
Euro IV	0%	0.1535	5.56E-05	2.09E-03	5.56E-05										
Euro V	57%	0.1535	2.78E-05	3.25E-03	2.78E-05										
Euro VI	43%	0.0225	2.78E-06	4.86E-04	2.78E-06										

NFB7

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	0.9	1.3	7.411E-03	4.966E-03	2.446E-03	5.148E-06	7.788E-04	5.218E-04	2.570E-04	5.148E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	6%	0.0033	2.78E-05	3.25E-03	2.78E-05										
Euro VI	94%	0.0077	2.78E-06	4.86E-04	2.78E-06										

NFB9

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05	1.2	1.3	7.700E-03	5.159E-03	2.541E-03	4.333E-06	7.583E-04	5.081E-04	2.502E-04	4.333E-06
Euro V	0%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	100%	0.0077	2.78E-06	4.86E-04	2.78E-06										

PLB (Diesel)

NO2/NOx Ratio [1] = 0.28 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2][10]	PM (g/s) [6]	NOx (g/s) [11]	PM (g/s) [12]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	1.01E-03	4.44E-05	1.01E-03	4.44E-05	-	1.3	1.000E-03	7.201E-04	2.799E-04	7.222E-06	5.483E-04	3.948E-04	1.535E-04	7.222E-06
Euro V	10%	1.00E-03	5.56E-06	1.00E-03	5.56E-06										
Euro VI	90%	1.00E-03	5.56E-06	3.56E-04	5.56E-06										

PLB (LPG)

NO2/NOx Ratio [1] = 0.00 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [13]	PM (g/s) [14]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	2%	9.20E-03	2.78E-05	9.20E-03	2.78E-05	-	1.3	4.020E-03	4.000E-03	2.007E-05	8.913E-06	5.226E-03	5.200E-03	2.609E-05	8.913E-06
Euro IV	2%	3.90E-03	4.44E-05	3.90E-03	4.44E-05										
Euro V	96%	3.90E-03	5.56E-06	3.90E-03	5.56E-06										

Remarks:

(1) NO2/NOx ratio, at the respective running speed, was calculated based on emission factors extracted from EMFAC-HK.

(2) NOx cold idling emission factors were referenced to *Calculation of Strat Emissions in Air Quality Impact Assessment* published by EPD.

(3) Reference made to Table 45 of *Road Tunnels: Vehicles Emissions and Air Demand for Ventilation* (VEADV) published by World Road Association.

(4) Reference made to Table 46 of VEADV.

(5) Due to lack of information, NOx cold idling emission factor for Euro III FBSD was referenced to the corresponding hot idling emission factor.

(6) Due to lack of information, PM cold idlin emission factor were referenced to the corresponding hot idling emission factor.

(7) Reference made to Table 27 of VEADV.

(8) Reference made to the approved *Liantang / Heung Yuen Wai Boundary Control Point and Associated Works EIA Report.*

(9) All RSP emissions were assumed for FSP as a conservative approach.

(10) Due to lack of information, NOx cold idling emission factor for Euro IV to Euro V PLB (Diesel) was referenced to the corresponding hot idling emission factor.

(11) Reference made to Table 42 of VEADV.

(12) Reference made to Table 43 of VEADV.

(13) Due to lack of information, NOx hot idling emission factor was referenced to the corresponding cold idling emission factor from Calculation of Start Emissions in Air Quality Impact Assessment published by EPD.

(14) Due to lack of information, RSP hot idling emission factor for PLB (LPG) was referenced to hot idling emission factor for PLB (Diesel).

Idling Emission Factors

Minimum Hourly Temperature and Relative Humidity for 4th Quarter

Temperat 8 °C

Relative H 16 %

FBSD

NO2/NOx Ratio [1] = 0.20 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2] [5]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	1.0	1.3	1.174E-02	9.356E-03	2.387E-03	6.920E-06	9.982E-04	7.953E-04	2.029E-04	6.920E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	10%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	90%	0.0077	2.78E-06	4.86E-04	2.78E-06										

FBDD

NO2/NOx Ratio [1] = 0.07 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0737	3.58E-04	1.17E-02	3.58E-04	1.2	1.3	9.700E-02	8.991E-02	7.093E-03	2.651E-05	3.213E-03	2.978E-03	2.349E-04	2.651E-05
Euro IV	0%	0.1535	5.56E-05	2.09E-03	5.56E-05										
Euro V	57%	0.1535	2.78E-05	3.25E-03	2.78E-05										
Euro VI	43%	0.0225	2.78E-06	4.86E-04	2.78E-06										

NFB7

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	0%	0.0117	3.58E-04	1.17E-02	3.58E-04	0.9	1.3	7.411E-03	4.966E-03	2.446E-03	5.148E-06	7.788E-04	5.218E-04	2.570E-04	5.148E-06
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05										
Euro V	6%	0.0033	2.78E-05	3.25E-03	2.78E-05										
Euro VI	94%	0.0077	2.78E-06	4.86E-04	2.78E-06										

NFB9

NO2/NOx Ratio [1] = 0.33 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [3]	PM (g/s) [4]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	0.0573	5.56E-05	2.09E-03	5.56E-05	1.2	1.3	7.700E-03	5.159E-03	2.541E-03	4.333E-06	7.583E-04	5.081E-04	2.503E-04	4.333E-06
Euro V	0%	0.0474	2.78E-05	3.25E-03	2.78E-05										
Euro VI	100%	0.0077	2.78E-06	4.86E-04	2.78E-06										

PLB (Diesel)

NO2/NOx Ratio [1] = 0.28 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2][10]	PM (g/s) [6]	NOx (g/s) [11]	PM (g/s) [12]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro IV	0%	1.01E-03	4.44E-05	1.01E-03	4.44E-05	-	1.3	1.000E-03	7.200E-04	2.800E-04	7.222E-06	5.483E-04	3.947E-04	1.535E-04	7.222E-06
Euro V	10%	1.00E-03	5.56E-06	1.00E-03	5.56E-06										
Euro VI	90%	1.00E-03	5.56E-06	3.56E-04	5.56E-06										

PLB (LPG)

NO2/NOx Ratio [1] = 0.00 From EMFAC

Vehicle Emission Standard	Population	Idling Emission Factor				Mass Factor [7]	AC Factor [8]	Average Idling Emission Factor (g/s)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/s) [6]	NOx (g/s) [13]	PM (g/s) [14]			NOx	NO	NO2	RSP & FSP [9]	NOx	NO	NO2	RSP & FSP [9]
Euro III	2%	9.20E-03	2.78E-05	9.20E-03	2.78E-05	-	1.3	4.020E-03	4.000E-03	2.004E-05	8.913E-06	5.226E-03	5.200E-03	2.605E-05	8.913E-06
Euro IV	2%	3.90E-03	4.44E-05	3.90E-03	4.44E-05										
Euro V	96%	3.90E-03	5.56E-06	3.90E-03	5.56E-06										

Remarks:

(1) NO2/NOx ratio, at the respective running speed, was calculated based on emission factors extracted from EMFAC-HK.

(2) NOx cold idling emission factors were referenced to *Calculation of Strat Emissions in Air Quality Impact Assessment* published by EPD.

(3) Reference made to Table 45 of *Road Tunnels: Vehicles Emissions and Air Demand for Ventilation* (VEADV) published by World Road Association.

(4) Reference made to Table 46 of VEADV.

(5) Due to lack of information, NOx cold idling emission factor for Euro III FBSD was referenced to the corresponding hot idling emission factor.

(6) Due to lack of information, PM cold idling emission factor were referenced to the corresponding hot idling emission factor.

(7) Reference made to Table 27 of VEADV.

(8) Reference made to the approved *Liantang / Heung Yuen Wai Boundary Control Point and Associated Works EIA Report.*

(9) All RSP emissions were assumed for FSP as a conservative approach.

(10) Due to lack of information, NOx cold idling emission factor for Euro IV to Euro V PLB (Diesel) was referenced to the corresponding hot idling emission factor.

(11) Reference made to Table 42 of VEADV.

(12) Reference made to Table 43 of VEADV.

(13) Due to lack of information, NOx hot idling emission factor was referenced to the corresponding cold idling emission factor from Calculation of Start Emissions in Air Quality Impact Assessment published by EPD.

(14) Due to lack of information, RSP hot idling emission factor for PLB (LPG) was referenced to hot idling emission factor for PLB (Diesel).

Appendix 5.7

Traffic Forecast for Air Quality Impact Assessment (Traffic Forecast for Years 2031, 2038 and 2046 provided in CD)

Appendix 5.8

EMFAC-HK Information (EMFAC-HK Information for Years 2031, 2038 and 2046 provided in CD)

Appendix 5.9

Summary of Sensitivity Test Results

Summary of Sensitivity Test Results (from SAMP V2.1)

Temperature and RH assumptions: AnnualHourMin

Total Emission per year

	NO_2 (tonnes)	NO (tonnes)	NO_x (tonnes)	RSP (tonnes)	FSP (tonnes)
Year 2031 (ZEV)	**9.06**	**42.00**	**51.06**	**1.11**	**1.02**
Year 2038 (ZEV)	7.73	20.24	27.97	0.48	0.44
46 (capped to 204	4.48	11.29	15.77	0.30	0.28

Notes:

[1] Bold characters represent the highest amount of the pollutants among the three years.

[2] Since the amount of the pollutants of Year 2031 would be highest among the three years, Year 2031 is chosen as the assessment year for the air quality impact assessment.

Appendix 5.10

Derivation of Cumulative Annual Average NO_x to NO_2 Conversion Equation Using Jenkin Method

DERIVATION OF CUMULATIVE ANNUAL AVERAGE NO_X TO NO_2 CONVERSION EQUATION USING JENKIN METHOD

Introduction

In order not to overestimate the NO_2 emissions during the conversion of NO_x to NO_2, besides Ozone Limiting Method (OLM) and Discrete Parcel Method (DPM), an alternative method using the Jenkin Method[1] is proposed. This method can estimate annual NO_2 based on a project-specific empirical relationship of NO_x to NO_2 derived from a fitted curve by making reference to the monitoring data of annual NO_2 and NO_x.

Jenkin Method

With reference to "*Review of Methods for NO to NO_2 Conversion in Plumes at Short Ranges*" published by Environment Agency of UK in 2007[2], the annual NO_2 concentrations can be estimated by adopting Jenkin Method with the derived project-specific empirical relationship of NO_x to NO_2 and the latest available and representative data from EPD's air quality monitoring stations (AQMSs). The empirical relationship can be described by selected monitoring data of annual average NO_2 & NO_x concentrations and fitted curve[1]. The annual average NO_2 concentrations can then be determined from the functional form curve by using the total annual average NO_x concentrations. The functional form is presented as below[1]:

$$[NO_2] = \frac{\left([NO_x] + [O_x] + \frac{J}{k}\right) - \sqrt{\left([NO_x] + [O_x] + \frac{J}{k}\right)^2 - 4 \times [NO_x] \times [O_x]}}{2}$$

where

$[NO_2]$ is Annual Average NO_2 Concentration;

$[NO_x]$ is Annual Average NO_x Concentration;

$[O_x]$ is the Sum of Annual Average NO_2 Concentration and Annual Average O_3 Concentration (i.e. $[O_x] = [NO_2] + [O_3]$;

J is the Photolysis Rate of NO_2;

k is the Rate Coefficient for the Reaction between NO and O_3.

Derivation Process

<u>Adoption of Representative Data from EPD's AQMSs</u>

Five AQMSs are selected to analyse the relationship between the annual average NO_x and NO_2 concentrations, including Tuen Mun & Tap Mun General Stations, and Mong Kok Roadside Stations. The latest five years (i.e. 2020 to 2024) annual average data of NO_2 and NO_x are extracted from EPD's Smart Air Modelling Platform v2.1 (SAMP v2.1) and presented in **Table 1** below.

[1] J. M. E., "*Analysis of Sources and Partitioning of Oxidant in the UK – Park 1: The NO_x-dependence of Annual Mean Concentrations of Nitrogen Dioxide and Ozone*", Atmospheric Environment, 2004.
[2] "*Review of Methods for NO to NO_2 Conversion in Plumes at Short Ranges*", Environment Agent of UK, UK, 2007.

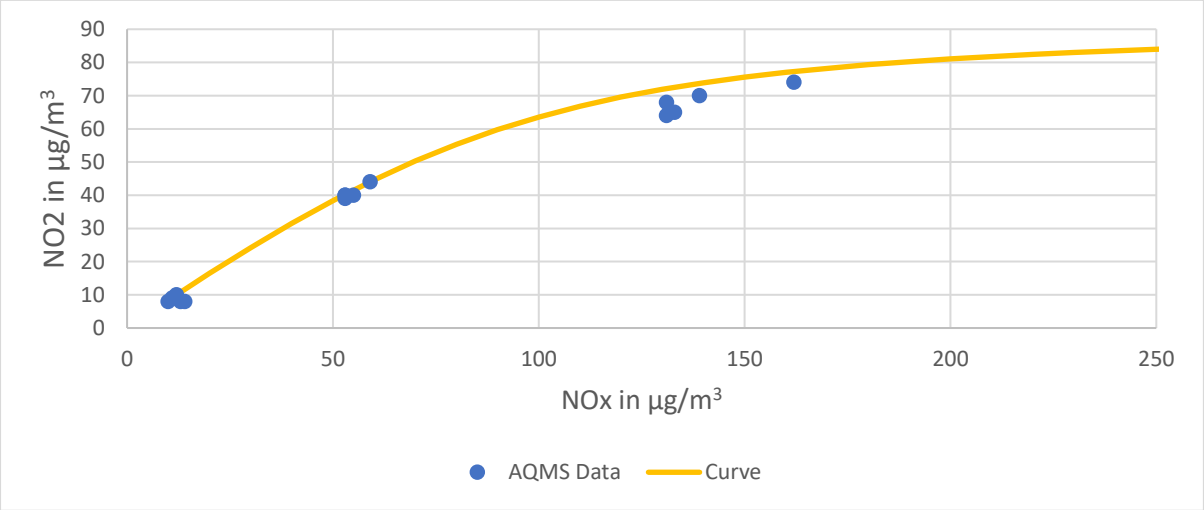
Table 1 Annual Average of NO_2 and NO_x Concentrations in Latest Five Years at Selected EPD's AQMSs

Year	Station	Annual Average NO_2	Annual Average NO_x
2020	TUEN MUN	40	55
2021	TUEN MUN	44	59
2022	TUEN MUN	39	53
2023	TUEN MUN	40	53
2024	TUEN MUN	40	53
2020	TAP MUN	9	11
2021	TAP MUN	10	12
2022	TAP MUN	8	13
2023	TAP MUN	8	14
2024	TAP MUN	8	10
2020	MONG KOK	74	162
2021	MONG KOK	70	139
2022	MONG KOK	64	131
2023	MONG KOK	68	131
2024	MONG KOK	65	133

Plotting and Fitting Functional Form Curve

With the use of $[O_x]$ = 92.25μg/m³ and 16.44886 μg/m³, annual average NO_2 concentrations can be calculated from the functional form based on the measured annual average NO_x concentrations shown in **Table 1** above.

A plot for annual average NO_2 versus annual average NO_x obtained from selected EPD's AQMSs from the latest 5 years is plotted in **Graph 1** below. The functional form curve, adopting $[O_x]$ of 92.25μg/m³ and J/k of 16.44886 μg/m³, would fit with all annual average data from the selected EPD's AQMSs. Underestimation of the annual average NO_2 concentration is not expected.



Graph 1 AQMS NO_2 vs NO_x Concentration and Functional Form Curve by Jenkin Method

Conversion of Predicted Cumulative Annual Average NO_x results to Cumulative Annual Average NO_2 Results

The functional form curve would be adopted for NO_x to NO_2 conversion, where the predicted cumulative annual average NO_x results could be converted to the predicted cumulative annual average NO_2 results. The equation for the conversion is as below:

$$[NO_2]_p = \frac{\left([NO_x]_p + 92.25 + 16.44886\right) - \sqrt{\left([NO_x]_p + 92.25 + 16.44886\right)^2 - 4 \times [NO_x]_p \times 92.25}}{2}$$

where

$[NO_2]_p$ is the Predicted Cumulative Annual Average NO_2 Concentration;

$[NO_x]_p$ is the Predicted Cumulative Annual Average NO_x Concentration.

Appendix 5.11

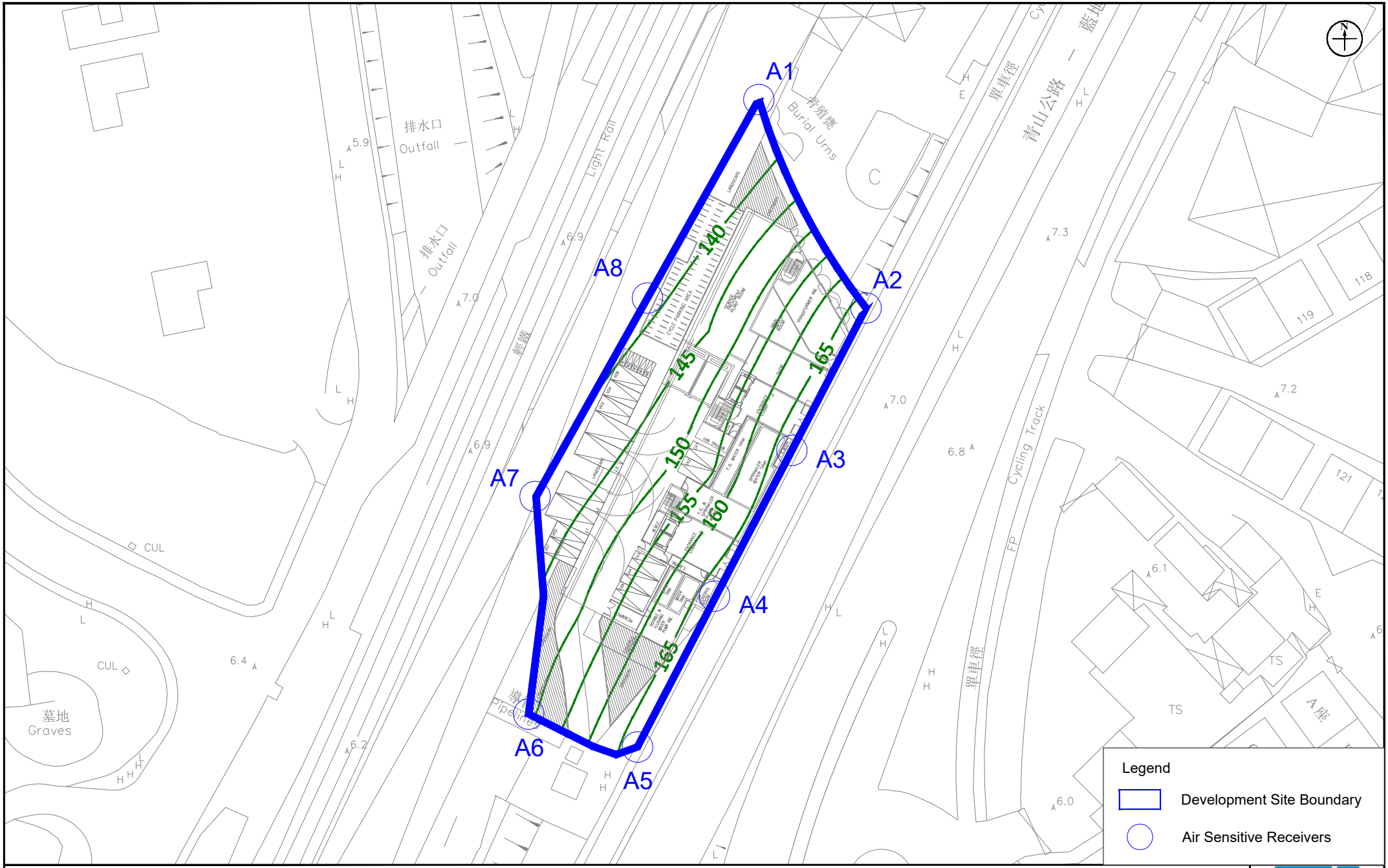
Predicted Air Quality Impact Assessment Results

ASRs ID	PATH Grid	ASR Coordinates		Floor	Flag Pole Receiver Height, mAG	Flag Pole Receiver Height, mPD	Predicted Cumulative Impacts (µg/m^3) in Year 2031								
							NO_2			RSP		FSP		SO_2	
		x	y				1-h (AQO=200)	24-h (AQO=120)	Annual (AQO=40)	24-h (AQO=75)	Annual (AQO=30)	24-h (AQO=37.5)	Annual (AQO=15)	10-min (AQO=500)	24-h (AQO=40)
		Easting	Northing				19th highest	10th highest		10th highest		19th highest		4th highest	4th highest
A1-1	21,44	816153.5	830955.8	GF	1.50	8.35	135.1	53.8	32.0	52.06	20.32	30.99	12.61	28.56	8.7017
A1-2	21,44	816153.5	830955.8	1F	5.55	12.40	134.6	52.6	31.2	52.04	20.32	30.97	12.61	29.28	8.7070
A1-3	21,44	816153.5	830955.8	2F	10.80	17.65	129.1	48.1	28.1	51.96	20.29	30.92	12.58	30.51	8.7153
A1-4	21,44	816153.5	830955.8	3F	16.75	23.60	115.7	44.7	25.4	51.90	20.34	30.87	12.61	32.29	8.8255
A1-5	21,44	816153.5	830955.8	4F	19.73	26.58	110.4	42.9	24.4	51.89	20.38	30.87	12.66	32.57	8.8595
A1-6	21,44	816153.5	830955.8	5F	22.70	29.55	104.5	41.5	23.6	51.88	20.43	30.87	12.72	32.58	8.8379
A1-7	21,44	816153.5	830955.8	6F	25.68	32.53	99.3	40.8	22.9	51.96	20.49	30.88	12.79	32.68	8.8222
A1-8	21,44	816153.5	830955.8	7F	28.65	35.50	96.5	39.9	22.3	52.03	20.53	30.89	12.84	32.90	8.8144
A1-9	21,44	816153.5	830955.8	8F	31.63	38.48	93.8	39.2	21.8	52.07	20.57	30.90	12.88	33.22	8.8153
A1-10	21,44	816153.5	830955.8	9F	34.60	41.45	90.4	38.1	21.4	52.09	20.58	30.91	12.90	33.65	8.8244
A1-11	21,44	816153.5	830955.8	10F	37.58	44.43	87.9	37.3	21.0	52.09	20.58	30.92	12.90	34.19	8.7715
A1-12	21,44	816153.5	830955.8	11F	40.55	47.40	86.6	36.8	20.7	52.06	20.56	30.92	12.89	34.81	8.7197
A1-13	21,44	816153.5	830955.8	12F	43.53	50.38	84.7	36.3	20.5	52.02	20.53	30.93	12.85	35.50	8.6684
A1-14	21,44	816153.5	830955.8	13F	46.50	53.35	82.1	35.9	20.2	51.98	20.48	30.93	12.81	36.26	8.6272
A1-15	21,44	816153.5	830955.8	14F	49.48	56.33	81.6	35.5	20.1	51.95	20.42	30.92	12.76	37.05	8.6232
A1-16	21,44	816153.5	830955.8	15F	52.45	59.30	80.1	35.2	19.9	51.92	20.37	30.92	12.70	37.84	8.6195
A1-17	21,44	816153.5	830955.8	16F	55.43	62.28	80.1	35.0	19.8	51.89	20.31	30.91	12.64	38.60	8.6160
A1-18	21,44	816153.5	830955.8	17F	58.40	65.25	79.8	34.9	19.7	51.85	20.25	30.90	12.59	39.31	8.6189
A1-19	21,44	816153.5	830955.8	18F	61.38	68.23	79.8	34.8	19.6	51.81	20.20	30.89	12.54	39.92	8.6382
A1-20	21,44	816153.5	830955.8	19F	64.35	71.20	79.8	34.6	19.5	51.76	20.15	30.88	12.50	40.41	8.6542
A1-21	21,44	816153.5	830955.8	RF	67.58	74.43	79.8	34.5	19.4	51.71	20.11	30.86	12.46	40.77	8.6670
A2-1	21,44	816169.0	830925.7	GF	1.50	8.35	167.6	78.7	46.2	52.62	20.80	31.50	13.04	28.85	8.6995
A2-2	21,44	816169.0	830925.7	1F	5.55	12.40	151.6	66.3	39.5	52.35	20.56	31.26	12.82	29.59	8.7046
A2-3	21,44	816169.0	830925.7	2F	10.80	17.65	132.1	50.8	29.0	51.99	20.28	30.94	12.56	30.87	8.7128
A2-4	21,44	816169.0	830925.7	3F	16.75	23.60	116.2	45.9	25.5	51.93	20.43	30.89	12.71	32.73	8.8420
A2-5	21,44	816169.0	830925.7	4F	19.73	26.58	107.7	43.6	24.5	52.23	20.64	30.92	12.91	33.03	8.8790
A2-6	21,44	816169.0	830925.7	5F	22.70	29.55	103.5	42.4	23.7	52.41	20.89	30.97	13.18	33.06	8.8600
A2-7	21,44	816169.0	830925.7	6F	25.68	32.53	99.2	41.7	23.0	52.66	21.17	31.03	13.46	33.19	8.8487
A2-8	21,44	816169.0	830925.7	7F	28.65	35.50	95.1	40.7	22.5	52.96	21.38	31.10	13.69	33.44	8.8451
A2-9	21,44	816169.0	830925.7	8F	31.63	38.48	92.6	39.4	21.9	53.18	21.51	31.17	13.81	33.81	8.8479
A2-10	21,44	816169.0	830925.7	9F	34.60	41.45	89.0	38.2	21.5	53.21	21.51	31.36	13.82	34.30	8.8566
A2-11	21,44	816169.0	830925.7	10F	37.58	44.43	87.4	37.5	21.1	53.22	21.42	31.41	13.73	34.89	8.8264
A2-12	21,44	816169.0	830925.7	11F	40.55	47.40	86.4	37.0	20.8	53.13	21.26	31.30	13.58	35.58	8.7693
A2-13	21,44	816169.0	830925.7	12F	43.53	50.38	83.4	36.5	20.5	52.95	21.07	31.28	13.39	36.34	8.7124
A2-14	21,44	816169.0	830925.7	13F	46.50	53.35	81.7	36.1	20.3	52.76	20.88	31.25	13.20	37.18	8.6738
A2-15	21,44	816169.0	830925.7	14F	49.48	56.33	81.4	35.7	20.1	52.65	20.71	31.22	13.03	38.04	8.6970
A2-16	21,44	816169.0	830925.7	15F	52.45	59.30	80.3	35.5	20.0	52.51	20.56	31.18	12.89	38.91	8.7217
A2-17	21,44	816169.0	830925.7	16F	55.43	62.28	80.1	35.2	19.8	52.36	20.45	31.14	12.78	39.75	8.7468
A2-18	21,44	816169.0	830925.7	17F	58.40	65.25	79.9	35.1	19.7	52.21	20.35	31.10	12.68	40.52	8.7712
A2-19	21,44	816169.0	830925.7	18F	61.38	68.23	79.8	34.9	19.6	52.08	20.28	31.07	12.61	41.19	8.7932
A2-20	21,44	816169.0	830925.7	19F	64.35	71.20	79.8	34.8	19.5	51.99	20.21	31.03	12.55	41.73	8.8116
A2-21	21,44	816169.0	830925.7	RF	67.58	74.43	79.8	34.7	19.4	51.90	20.16	30.99	12.50	42.13	8.7402
A3-1	21,44	816158.3	830905.1	GF	1.50	8.35	168.6	79.9	46.3	52.63	20.79	31.48	13.04	28.83	8.6940
A3-2	21,44	816158.3	830905.1	1F	5.55	12.40	155.8	66.7	39.9	52.38	20.56	31.26	12.82	29.56	8.6989
A3-3	21,44	816158.3	830905.1	2F	10.80	17.65	132.9	51.2	29.5	51.99	20.25	30.95	12.53	30.84	8.7066
A3-4	21,44	816158.3	830905.1	3F	16.75	23.60	117.3	46.2	25.8	51.96	20.33	30.92	12.60	32.68	8.7646
A3-5	21,44	816158.3	830905.1	4F	19.73	26.58	110.6	44.0	24.8	52.03	20.50	30.99	12.78	32.98	8.7668
A3-6	21,44	816158.3	830905.1	5F	22.70	29.55	105.3	42.7	23.9	52.16	20.75	31.10	13.04	33.01	8.7434
A3-7	21,44	816158.3	830905.1	6F	25.68	32.53	100.0	41.9	23.2	52.38	21.03	31.25	13.32	33.14	8.7280
A3-8	21,44	816158.3	830905.1	7F	28.65	35.50	95.4	40.7	22.6	52.66	21.27	31.42	13.57	33.38	8.7200
A3-9	21,44	816158.3	830905.1	8F	31.63	38.48	92.1	39.3	22.0	52.86	21.41	31.57	13.72	33.75	8.7181
A3-10	21,44	816158.3	830905.1	9F	34.60	41.45	88.4	38.2	21.6	53.02	21.43	31.65	13.74	34.22	8.7219
A3-11	21,44	816158.3	830905.1	10F	37.58	44.43	87.2	37.6	21.2	53.17	21.35	31.71	13.67	34.81	8.7310
A3-12	21,44	816158.3	830905.1	11F	40.55	47.40	85.8	37.0	20.8	53.23	21.22	31.69	13.53	35.49	8.7446
A3-13	21,44	816158.3	830905.1	12F	43.53	50.38	82.7	36.6	20.6	53.13	21.05	31.64	13.37	36.25	8.7402
A3-14	21,44	816158.3	830905.1	13F	46.50	53.35	81.6	36.2	20.3	52.95	20.88	31.57	13.21	37.06	8.7606
A3-15	21,44	816158.3	830905.1	14F	49.48	56.33	81.4	35.9	20.1	52.76	20.73	31.48	13.06	37.92	8.7832
A3-16	21,44	816158.3	830905.1	15F	52.45	59.30	80.1	35.6	20.0	52.69	20.60	31.39	12.93	38.78	8.8028
A3-17	21,44	816158.3	830905.1	16F	55.43	62.28	80.1	35.3	19.8	52.55	20.49	31.31	12.82	39.60	8.7984
A3-18	21,44	816158.3	830905.1	17F	58.40	65.25	79.9	35.1	19.7	52.35	20.40	31.24	12.73	40.37	8.7768
A3-19	21,44	816158.3	830905.1	18F	61.38	68.23	79.8	34.9	19.6	52.23	20.32	31.19	12.65	41.03	8.7344
A3-20	21,44	816158.3	830905.1	19F	64.35	71.20	79.8	34.7	19.5	52.19	20.25	31.16	12.59	41.56	8.6686
A3-21	21,44	816158.3	830905.1	RF	67.58	74.43	79.8	34.6	19.4	52.16	20.19	31.13	12.53	41.96	8.6057
A4-1	21,44	816147.1	830884.1	GF	1.50	8.35	167.6	78.9	45.7	52.63	20.77	31.45	13.02	28.63	8.6901
A4-2	21,44	816147.1	830884.1	1F	5.55	12.40	157.3	66.9	39.9	52.41	20.56	31.25	12.83	29.35	8.6947
A4-3	21,44	816147.1	830884.1	2F	10.80	17.65	134.8	51.7	30.0	52.00	20.28	30.97	12.55	30.61	8.7022
A4-4	21,44	816147.1	830884.1	3F	16.75	23.60	119.2	46.5	26.2	51.94	20.33	30.98	12.61	32.42	8.8085
A4-5	21,44	816147.1	830884.1	4F	19.73	26.58	111.0	44.5	25.1	52.02	20.47	31.07	12.75	32.71	8.8068
A4-6	21,44	816147.1	830884.1	5F	22.70	29.55	105.8	42.9	24.2	52.16	20.66	31.22	12.95	32.72	8.7719
A4-7	21,44	816147.1	830884.1	6F	25.68	32.53	99.7	42.0	23.4	52.28	20.88	31.35	13.18	32.83	8.7495
A4-8	21,44	816147.1	830884.1	7F	28.65	35.50	95.7	40.8	22.7	52.48	21.10	31.67	13.40	33.06	8.7376
A4-9	21,44	816147.1	830884.1	8F	31.63	38.48	91.7	39.3	22.1	52.68	21.26	31.94	13.57	33.40	8.7349
A4-10	21,44	816147.1	830884.1	9F	34.60	41.45	88.2	38.3	21.6	52.94	21.34	32.14	13.65	33.85	8.7402
A4-11	21,44	816147.1	830884.1	10F	37.58	44.43	87.0	37.7	21.2	53.09	21.33	32.16	13.65	34.40	8.7522
A4-12	21,44	816147.1	830884.1	11F	40.55	47.40	85.5	37.1	20.9	53.00	21.26	32.15	13.59	35.05	8.7694
A4-13	21,44	816147.1	830884.1	12F	43.53	50.38	81.8	36.6	20.6	52.96	21.15	32.14	13.47	35.78	8.7166
A4-14	21,44	816147.1	830884.1	13F	46.50	53.35	81.4	36.0	20.3	52.85	21.01	32.04	13.33	36.56	8.6492
A4-15	21,44	816147.1	830884.1	14F	49.48	56.33	80.9	35.6	20.2	52.71	20.86	31.79	13.19	37.38	8.6280
A4-16	21,44	816147.1	830884.1	15F	52.45	59.30	80.2	35.3	20.0	52.54	20.72	31.50	13.05	38.20	8.6236
A4-17	21,44	816147.1	830884.1	16F	55.43	62.28	79.9	35.1	19.9	52.36	20.60	31.44	12.93	38.99	8.6196
A4-18	21,44	816147.1	830884.1	17F	58.40	65.25	79.9	34.9	19.7	52.25	20.48	31.38	12.82	39.71	8.6157
A4-19	21,44	816147.1	830884.1	18F	61.38	68.23	79.9	34.7	19.6	52.19	20.39	31.32	12.73	40.35	8.6121
A4-20	21,44	816147.1	830884.1	19F	64.35	71.20	79.8	34.6	19.5	52.11	20.31	31.26	12.65	40.85	8.6087
A4-21	21,44	816147.1	830884.1	RF	67.58	74.43	79.8	34.4	19.4	52.03	20.23	31.21	12.58	41.22	8.6051

ASRs ID	PATH Grid	ASR Coordinates		Floor	Flag Pole Receiver Height, mAG	Flag Pole Receiver Height, mPD	Predicted Cumulative Impacts (μg/m³) in Year 2031								
							NO_2			RSP		FSP		SO_2	
		x	y				1-h (AQO=200)	24-h (AQO=120)	Annual (AQO=40)	24-h (AQO=75)	Annual (AQO=30)	24-h (AQO=37.5)	Annual (AQO=15)	10-min (AQO=500)	24-h (AQO=40)
		Easting	Northing				19th highest	10th highest		10th highest		19th highest		4th highest	4th highest
A5-1	21,44	816135.9	830862.2	GF	1.50	8.35	167.7	78.3	45.5	52.65	20.77	31.46	13.03	28.39	8.6877
A5-2	21,44	816135.9	830862.2	1F	5.55	12.40	157.8	66.8	39.8	52.41	20.58	31.26	12.84	29.09	8.6924
A5-3	21,44	816135.9	830862.2	2F	10.80	17.65	135.4	52.6	30.6	52.04	20.33	31.00	12.61	30.26	8.7118
A5-4	21,44	816135.9	830862.2	3F	16.75	23.60	121.4	47.0	26.7	51.98	20.38	30.99	12.65	31.95	8.8472
A5-5	21,44	816135.9	830862.2	4F	19.73	26.58	112.0	45.0	25.4	52.04	20.48	31.07	12.76	32.21	8.8467
A5-6	21,44	816135.9	830862.2	5F	22.70	29.55	105.4	43.2	24.4	52.30	20.60	31.20	12.89	32.19	8.8129
A5-7	21,44	816135.9	830862.2	6F	25.68	32.53	99.2	42.1	23.6	52.39	20.75	31.32	13.05	32.27	8.7907
A5-8	21,44	816135.9	830862.2	7F	28.65	35.50	95.7	40.9	22.8	52.51	20.90	31.39	13.21	32.46	8.7783
A5-9	21,44	816135.9	830862.2	8F	31.63	38.48	91.9	39.5	22.2	52.61	21.02	31.48	13.33	32.76	8.7749
A5-10	21,44	816135.9	830862.2	9F	34.60	41.45	87.8	38.5	21.7	52.68	21.10	31.58	13.42	33.17	8.7796
A5-11	21,44	816135.9	830862.2	10F	37.58	44.43	86.7	37.8	21.2	52.76	21.14	31.67	13.46	33.68	8.7915
A5-12	21,44	816135.9	830862.2	11F	40.55	47.40	84.8	37.0	20.9	52.88	21.12	31.74	13.44	34.27	8.7633
A5-13	21,44	816135.9	830862.2	12F	43.53	50.38	82.0	36.2	20.6	52.96	21.06	31.76	13.39	34.94	8.7016
A5-14	21,44	816135.9	830862.2	13F	46.50	53.35	81.6	35.7	20.3	52.98	20.98	31.73	13.31	35.67	8.6409
A5-15	21,44	816135.9	830862.2	14F	49.48	56.33	80.8	35.2	20.2	52.95	20.88	31.66	13.21	36.42	8.6332
A5-16	21,44	816135.9	830862.2	15F	52.45	59.30	80.2	34.9	20.0	52.86	20.77	31.57	13.10	37.18	8.6276
A5-17	21,44	816135.9	830862.2	16F	55.43	62.28	80.0	34.7	19.9	52.72	20.66	31.47	12.99	37.91	8.6226
A5-18	21,44	816135.9	830862.2	17F	58.40	65.25	80.1	34.5	19.7	52.55	20.55	31.38	12.89	38.58	8.6181
A5-19	21,44	816135.9	830862.2	18F	61.38	68.23	80.1	34.5	19.6	52.36	20.46	31.32	12.80	39.15	8.6139
A5-20	21,44	816135.9	830862.2	19F	64.35	71.20	80.1	34.4	19.5	52.21	20.37	31.25	12.71	39.61	8.6100
A5-21	21,44	816135.9	830862.2	RF	67.58	74.43	80.0	34.3	19.4	52.15	20.29	31.20	12.64	39.93	8.6273
A6-1	21,44	816120.2	830867.0	GF	1.50	8.35	148.9	61.3	36.3	52.21	20.44	31.11	12.73	28.25	8.6848
A6-2	21,44	816120.2	830867.0	1F	5.55	12.40	146.1	59.0	34.8	52.15	20.41	31.07	12.69	28.94	8.6893
A6-3	21,44	816120.2	830867.0	2F	10.80	17.65	132.5	51.2	30.1	52.00	20.32	30.99	12.60	30.10	8.6967
A6-4	21,44	816120.2	830867.0	3F	16.75	23.60	121.9	46.7	26.7	51.93	20.33	30.98	12.61	31.83	8.8258
A6-5	21,44	816120.2	830867.0	4F	19.73	26.58	113.6	44.3	25.4	51.92	20.37	31.01	12.65	32.08	8.8246
A6-6	21,44	816120.2	830867.0	5F	22.70	29.55	105.9	42.7	24.4	52.04	20.42	31.07	12.71	32.06	8.7906
A6-7	21,44	816120.2	830867.0	6F	25.68	32.53	99.1	41.5	23.6	52.15	20.48	31.17	12.78	32.13	8.7676
A6-8	21,44	816120.2	830867.0	7F	28.65	35.50	95.7	40.7	22.8	52.17	20.54	31.21	12.85	32.31	8.7539
A6-9	21,44	816120.2	830867.0	8F	31.63	38.48	92.1	39.6	22.2	52.20	20.59	31.23	12.91	32.59	8.7487
A6-10	21,44	816120.2	830867.0	9F	34.60	41.45	88.0	38.4	21.7	52.22	20.63	31.25	12.95	32.98	8.7512
A6-11	21,44	816120.2	830867.0	10F	37.58	44.43	86.8	37.7	21.2	52.22	20.65	31.27	12.98	33.47	8.7607
A6-12	21,44	816120.2	830867.0	11F	40.55	47.40	85.1	36.8	20.9	52.22	20.66	31.28	12.98	34.03	8.7105
A6-13	21,44	816120.2	830867.0	12F	43.53	50.38	81.7	36.0	20.6	52.21	20.64	31.29	12.97	34.67	8.6483
A6-14	21,44	816120.2	830867.0	13F	46.50	53.35	81.2	35.5	20.3	52.20	20.61	31.28	12.94	35.37	8.6279
A6-15	21,44	816120.2	830867.0	14F	49.48	56.33	80.2	35.1	20.1	52.18	20.57	31.27	12.90	36.10	8.6239
A6-16	21,44	816120.2	830867.0	15F	52.45	59.30	80.1	34.8	20.0	52.15	20.51	31.25	12.85	36.82	8.6201
A6-17	21,44	816120.2	830867.0	16F	55.43	62.28	79.9	34.5	19.8	52.13	20.46	31.22	12.80	37.53	8.6165
A6-18	21,44	816120.2	830867.0	17F	58.40	65.25	79.9	34.4	19.7	52.10	20.40	31.20	12.74	38.17	8.6131
A6-19	21,44	816120.2	830867.0	18F	61.38	68.23	80.1	34.4	19.6	52.07	20.34	31.17	12.68	38.73	8.6098
A6-20	21,44	816120.2	830867.0	19F	64.35	71.20	80.1	34.3	19.5	52.04	20.28	31.14	12.63	39.17	8.6066
A6-21	21,44	816120.2	830867.0	RF	67.58	74.43	80.0	34.3	19.4	52.00	20.23	31.11	12.58	39.48	8.6032
A7-1	21,44	816121.1	830898.5	GF	1.50	8.35	141.1	55.6	32.7	52.04	20.32	30.99	12.61	28.56	8.6855
A7-2	21,44	816121.1	830898.5	1F	5.55	12.40	138.6	53.7	31.9	52.02	20.31	30.98	12.60	29.28	8.6901
A7-3	21,44	816121.1	830898.5	2F	10.80	17.65	131.3	49.2	29.0	51.95	20.26	30.94	12.55	30.50	8.6972
A7-4	21,44	816121.1	830898.5	3F	16.75	23.60	120.2	45.9	26.2	51.91	20.27	30.94	12.55	32.25	8.7588
A7-5	21,44	816121.1	830898.5	4F	19.73	26.58	111.1	43.7	25.1	51.91	20.30	30.96	12.59	32.53	8.7554
A7-6	21,44	816121.1	830898.5	5F	22.70	29.55	105.8	42.1	24.1	51.91	20.33	31.00	12.63	32.54	8.7189
A7-7	21,44	816121.1	830898.5	6F	25.68	32.53	99.5	40.9	23.3	51.94	20.38	31.04	12.68	32.64	8.6939
A7-8	21,44	816121.1	830898.5	7F	28.65	35.50	96.2	40.2	22.7	52.01	20.42	31.09	12.73	32.85	8.6783
A7-9	21,44	816121.1	830898.5	8F	31.63	38.48	93.2	39.5	22.1	52.01	20.46	31.13	12.78	33.16	8.6711
A7-10	21,44	816121.1	830898.5	9F	34.60	41.45	89.3	38.3	21.6	52.02	20.49	31.17	12.81	33.58	8.6716
A7-11	21,44	816121.1	830898.5	10F	37.58	44.43	87.3	37.5	21.2	52.04	20.50	31.19	12.82	34.10	8.6788
A7-12	21,44	816121.1	830898.5	11F	40.55	47.40	85.6	36.8	20.8	52.06	20.50	31.20	12.82	34.70	8.6689
A7-13	21,44	816121.1	830898.5	12F	43.53	50.38	82.6	36.1	20.5	52.06	20.48	31.20	12.81	35.38	8.6262
A7-14	21,44	816121.1	830898.5	13F	46.50	53.35	81.5	35.6	20.3	52.05	20.45	31.20	12.79	36.11	8.6223
A7-15	21,44	816121.1	830898.5	14F	49.48	56.33	80.2	35.2	20.1	52.03	20.42	31.19	12.75	36.88	8.6187
A7-16	21,44	816121.1	830898.5	15F	52.45	59.30	80.1	34.9	20.0	52.00	20.37	31.18	12.71	37.66	8.6154
A7-17	21,44	816121.1	830898.5	16F	55.43	62.28	79.9	34.7	19.8	51.96	20.33	31.16	12.67	38.41	8.6123
A7-18	21,44	816121.1	830898.5	17F	58.40	65.25	79.8	34.6	19.7	51.93	20.28	31.13	12.62	39.10	8.6093
A7-19	21,44	816121.1	830898.5	18F	61.38	68.23	79.8	34.4	19.6	51.92	20.24	31.11	12.58	39.70	8.6065
A7-20	21,44	816121.1	830898.5	19F	64.35	71.20	79.8	34.3	19.5	51.81	20.19	31.08	12.54	40.18	8.6036
A7-21	21,44	816121.1	830898.5	RF	67.58	74.43	79.8	34.2	19.4	51.74	20.15	31.06	12.50	40.53	8.6005
A8-1	21,44	816137.4	830927.2	GF	1.50	8.35	138.7	54.7	32.3	52.05	20.31	30.99	12.60	28.72	8.6920
A8-2	21,44	816137.4	830927.2	1F	5.55	12.40	135.9	53.1	31.6	52.03	20.30	30.97	12.59	29.44	8.6968
A8-3	21,44	816137.4	830927.2	2F	10.80	17.65	129.8	48.4	28.6	51.96	20.26	30.92	12.54	30.68	8.7044
A8-4	21,44	816137.4	830927.2	3F	16.75	23.60	118.5	45.3	25.8	51.92	20.29	30.90	12.57	32.47	8.7147
A8-5	21,44	816137.4	830927.2	4F	19.73	26.58	111.0	43.3	24.7	51.92	20.33	30.91	12.61	32.76	8.7342
A8-6	21,44	816137.4	830927.2	5F	22.70	29.55	105.8	41.8	23.9	51.93	20.38	30.93	12.67	32.77	8.7097
A8-7	21,44	816137.4	830927.2	6F	25.68	32.53	99.1	40.8	23.1	51.95	20.44	30.95	12.74	32.89	8.6908
A8-8	21,44	816137.4	830927.2	7F	28.65	35.50	96.5	40.1	22.5	51.98	20.49	30.98	12.80	33.12	8.6795
A8-9	21,44	816137.4	830927.2	8F	31.63	38.48	93.5	39.4	22.0	52.01	20.53	31.01	12.84	33.45	8.6762
A8-10	21,44	816137.4	830927.2	9F	34.60	41.45	89.8	38.2	21.5	52.05	20.55	31.04	12.87	33.89	8.6807
A8-11	21,44	816137.4	830927.2	10F	37.58	44.43	87.4	37.4	21.1	52.08	20.55	31.06	12.87	34.44	8.6918
A8-12	21,44	816137.4	830927.2	11F	40.55	47.40	86.7	36.9	20.8	52.10	20.53	31.07	12.85	35.07	8.6779
A8-13	21,44	816137.4	830927.2	12F	43.53	50.38	84.0	36.3	20.5	52.11	20.49	31.07	12.82	35.78	8.6283
A8-14	21,44	816137.4	830927.2	13F	46.50	53.35	81.8	35.8	20.3	52.10	20.44	31.06	12.77	36.54	8.6438
A8-15	21,44	816137.4	830927.2	14F	49.48	56.33	80.7	35.4	20.1	52.08	20.39	31.05	12.72	37.35	8.6660
A8-16	21,44	816137.4	830927.2	15F	52.45	59.30	80.1	35.2	19.9	52.06	20.34	31.03	12.67	38.15	8.6896
A8-17	21,44	816137.4	830927.2	16F	55.43	62.28	79.9	34.9	19.8	52.02	20.29	31.01	12.62	38.93	8.7134
A8-18	21,44	816137.4	830927.2	17F	58.40	65.25	79.8	34.8	19.7	51.97	20.24	30.99	12.58	39.65	8.7363
A8-19	21,44	816137.4	830927.2	18F	61.38	68.23	79.8	34.6	19.6	51.92	20.19	30.97	12.54	40.28	8.7063
A8-20	21,44	816137.4	830927.2	19F	64.35	71.20	79.8	34.5	19.5	51.86	20.15	30.95	12.50	40.79	8.6438
A8-21	21,44	816137.4	830927.2	RF	67.58	74.43	79.8	34.4	19.4	51.79	20.11	30.93	12.46	41.17	8.6016

Appendix 5.12

Contour Map of NO_2, RSP, FSP and SO_2



Appendix: 5.10a

Title: Contour Map of the 19th Highest Hourly Average Concentration of NO_2 in μgm^{-3} (Assessment Level: 1.5m Above Ground, Floor No.: G/F) (AQO standard: $200\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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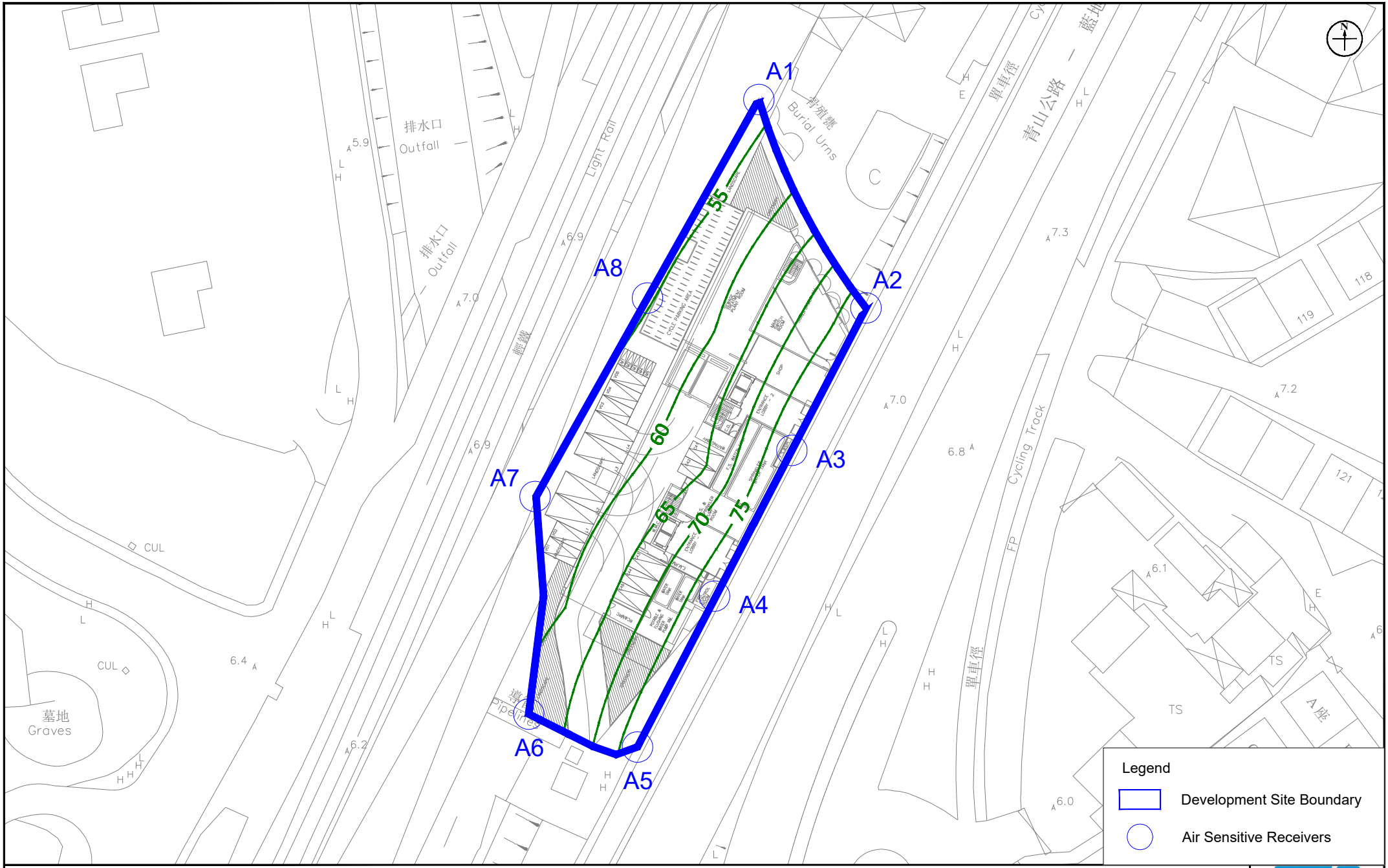

Appendix: 5.10b

Title: Contour Map of the 10th Highest Daily Average Concentration of NO_2 in μgm^{-3} (Assessment Level: 1.5m Above Ground, Floor No.: G/F) (AQO standard: $120\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Rev.:	1.1
Date:	Feb 2026

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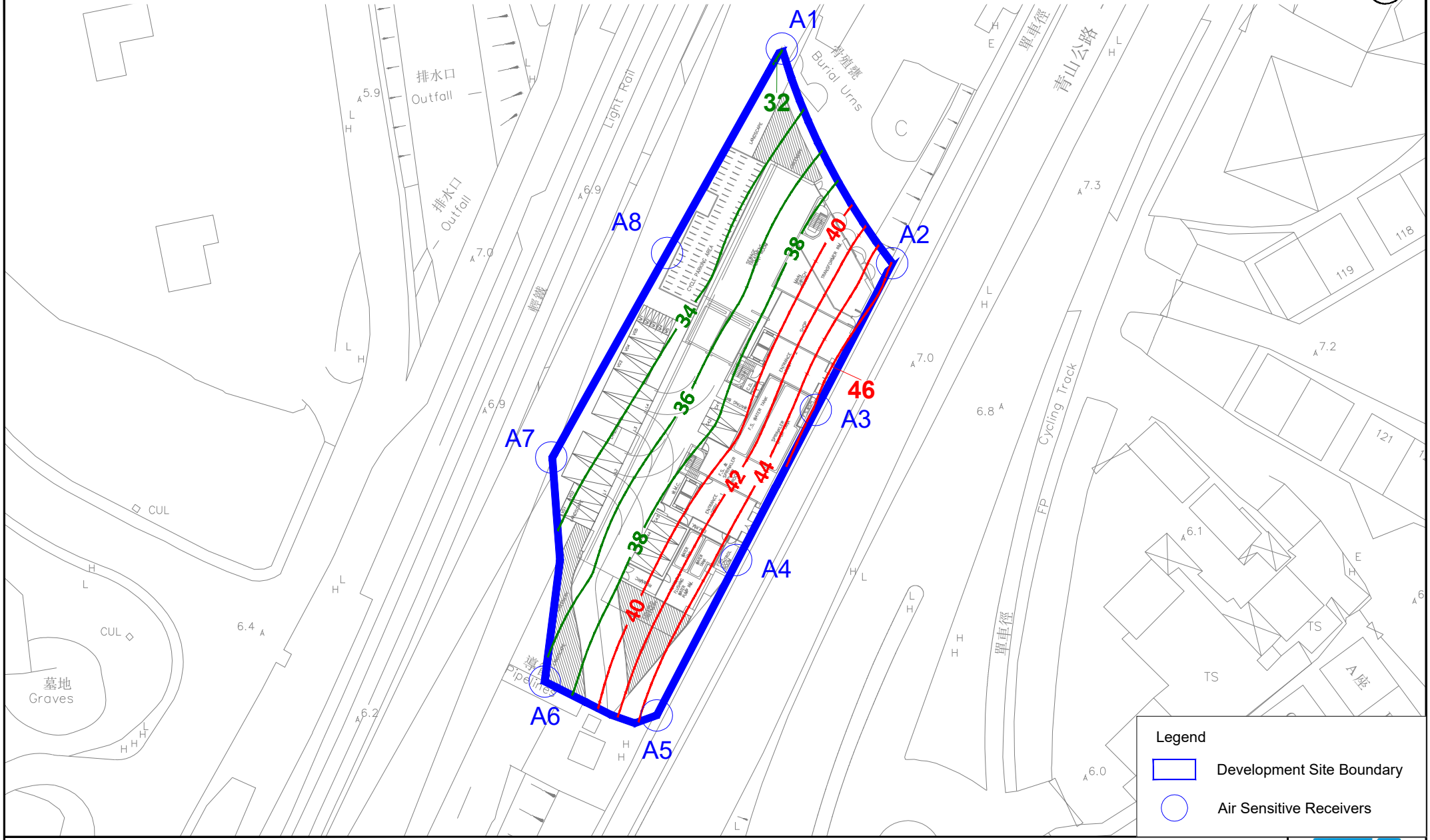
Remark: No air sensitive uses, including openable windows, fresh air intake of mechanical ventilation and recreational uses in the open area, would be located within the exceedance zones.



Appendix: 5.10c

Title: Contour Map of Annual Average Concentration of NO_2 in μgm^{-3} (Assessment Level: 1.5m Above Ground, Floor No.: G/F) (AQO standard: $40\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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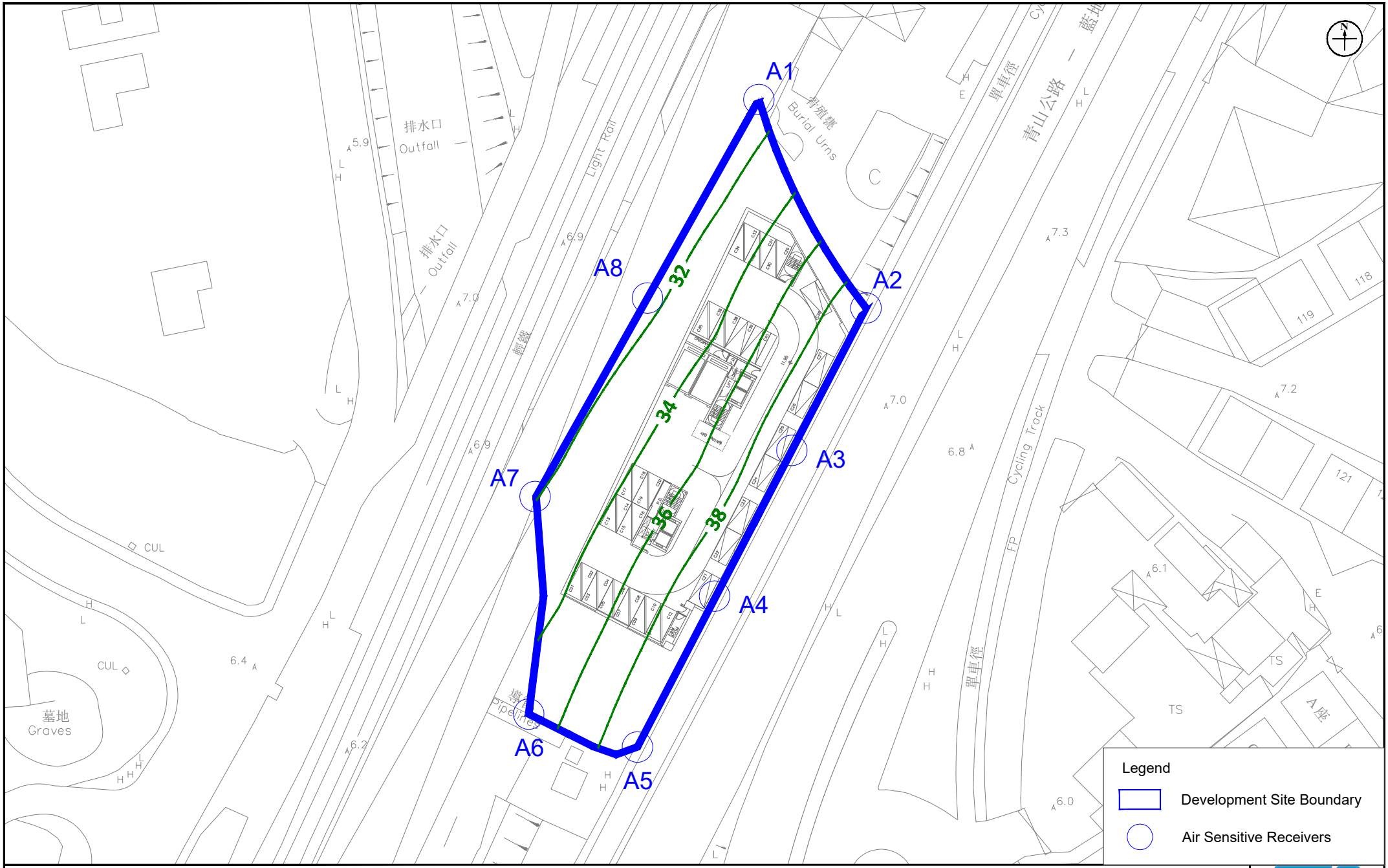

Appendix: 5.10d	RAMBOLL
Title: Contour Map of Annual Average Concentration of NO_2 in μgm^{-3} (Assessment Level: 5.55m Above Ground, Floor No.: 1/F) (AQO standard: $40\mu gm^{-3}$)	Drawn by: AW Checked by: BF
Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun	Rev.: 1.1 Date: Feb 2026

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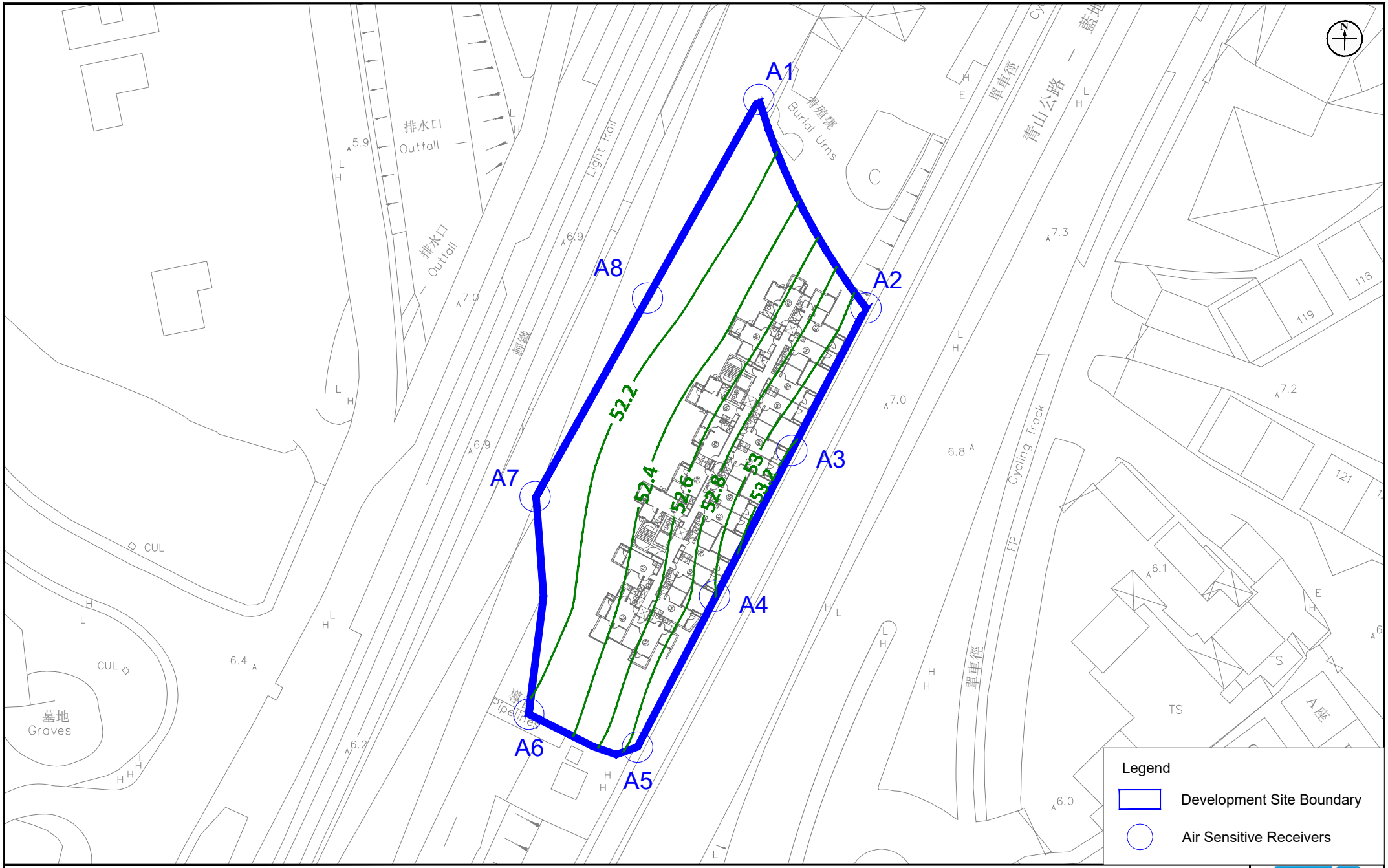

Appendix: 5.10e

Title: Contour Map of the 10th Highest Daily Average Concentration of RSP in μgm^{-3}
(Assessment Level: 40.55m Above Ground, Floor No.: 11/F) (AQO standard: $75\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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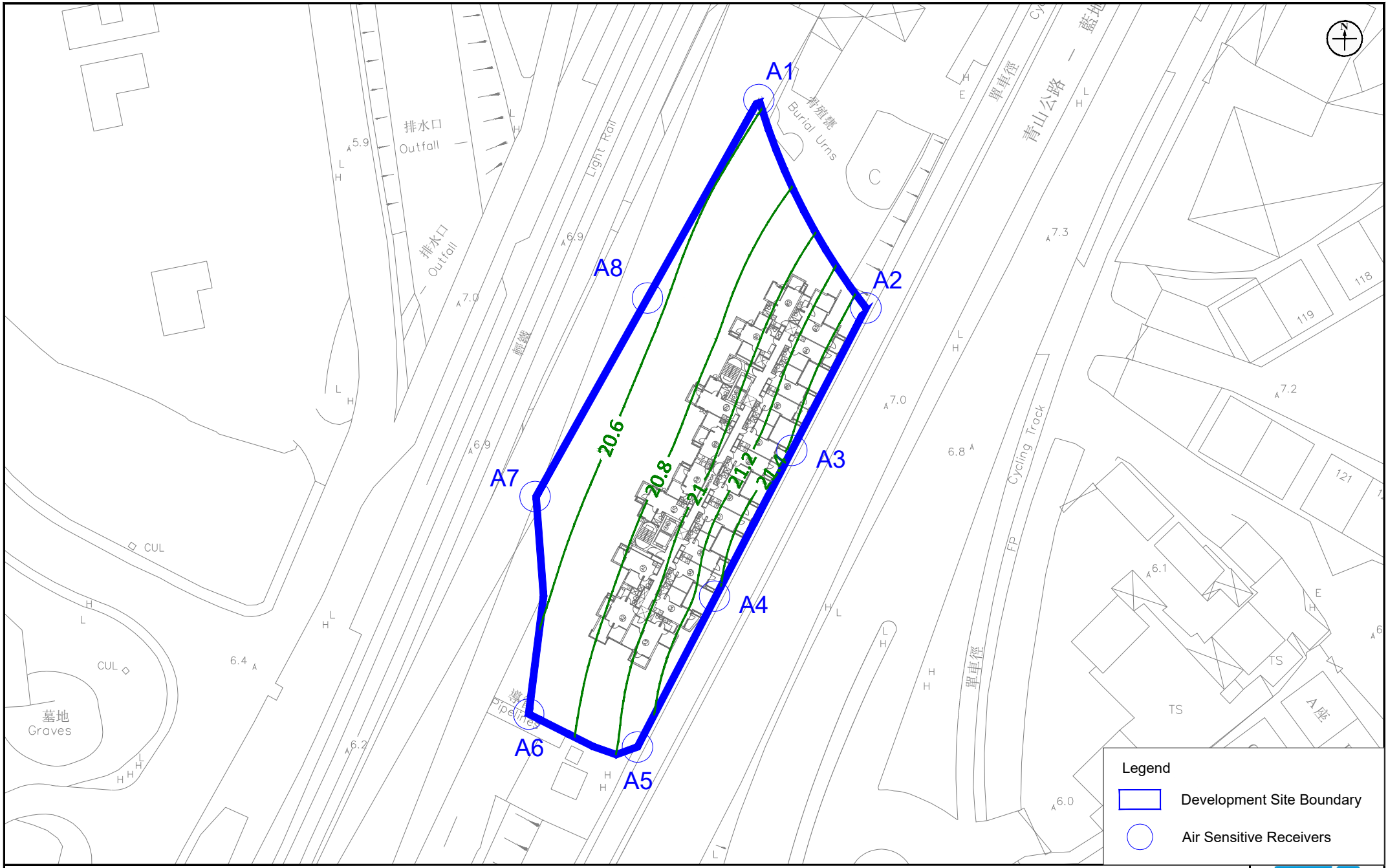

Appendix: 5.10f

Title: Contour Map of the Annual Average Concentration of RSP in μgm^{-3}
(Assessment Level: 34.6m Above Ground, Floor No.: 9/F) (AQO standard: $30\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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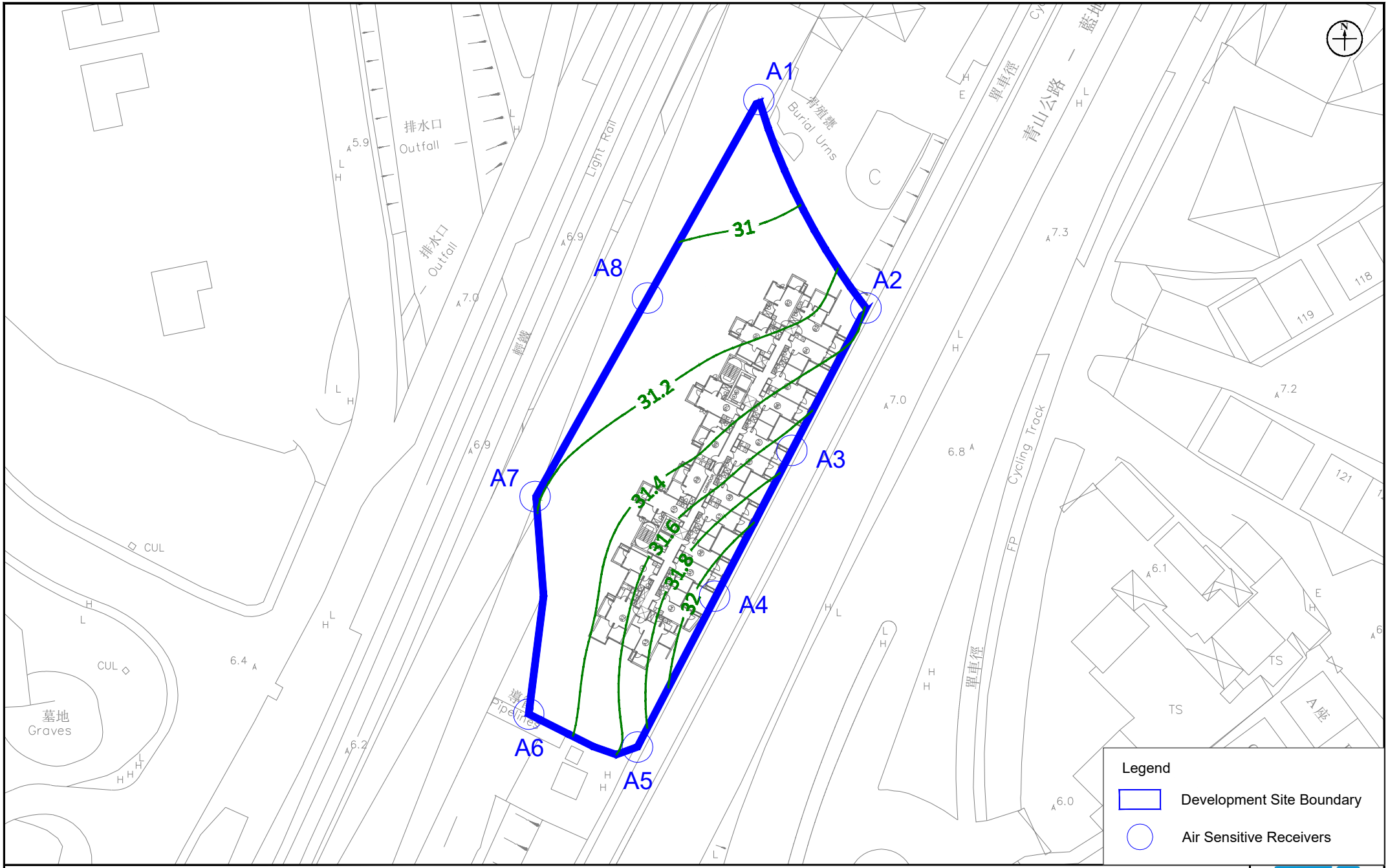

Appendix: 5.10g

Title: Contour Map of the 19th Highest Daily Average Concentration of FSP in μgm^{-3}
(Assessment Level: 37.58m Above Ground, Floor No.: 10/F) (AQO standard: $37.5\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

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Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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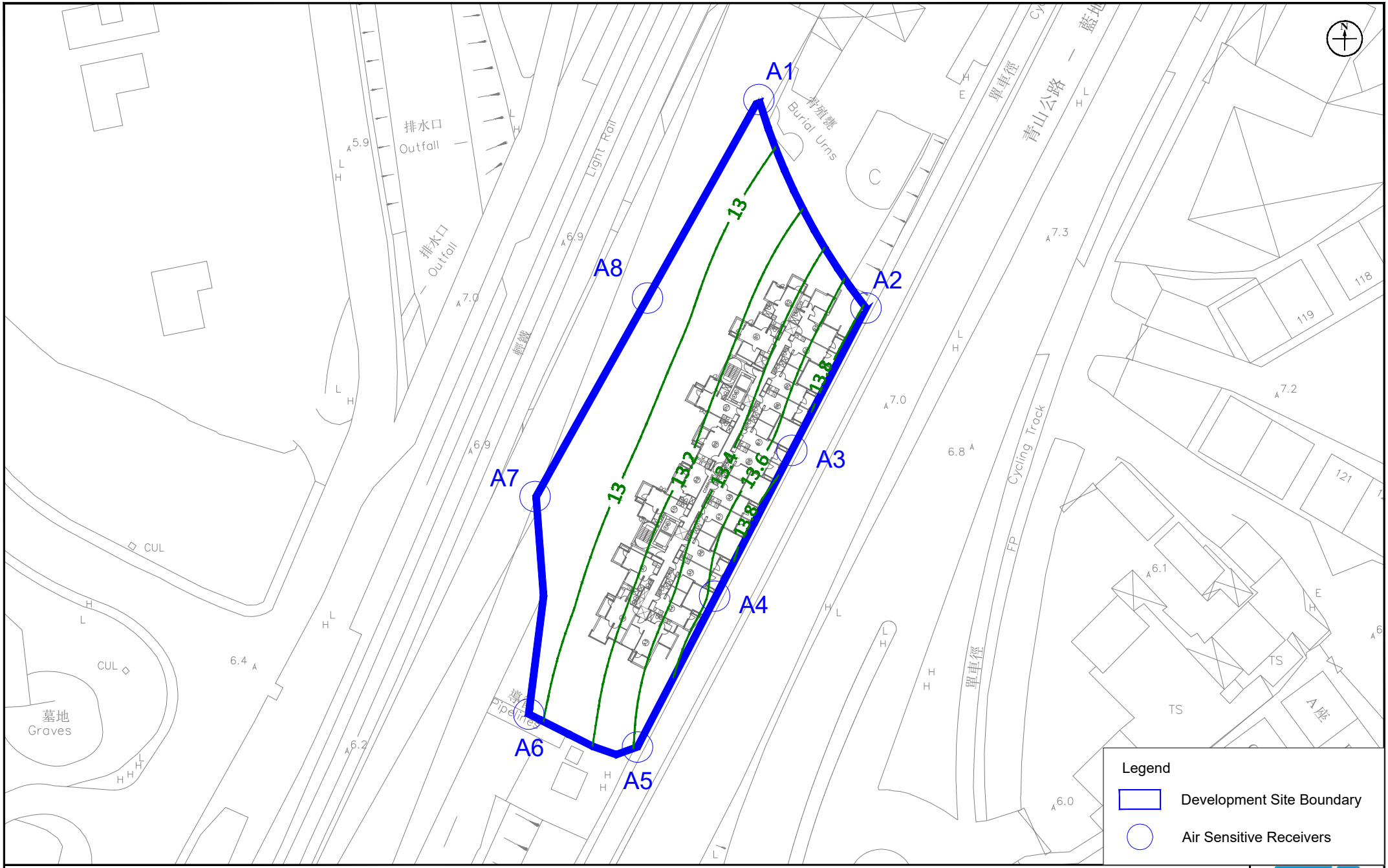

Appendix: 5.10h

Title: Contour Map of the Annual Average Concentration of FSP in μgm^{-3}
(Assessment Level: 34.6m Above Ground, Floor No.: 9/F) (AQO standard: $15\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

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Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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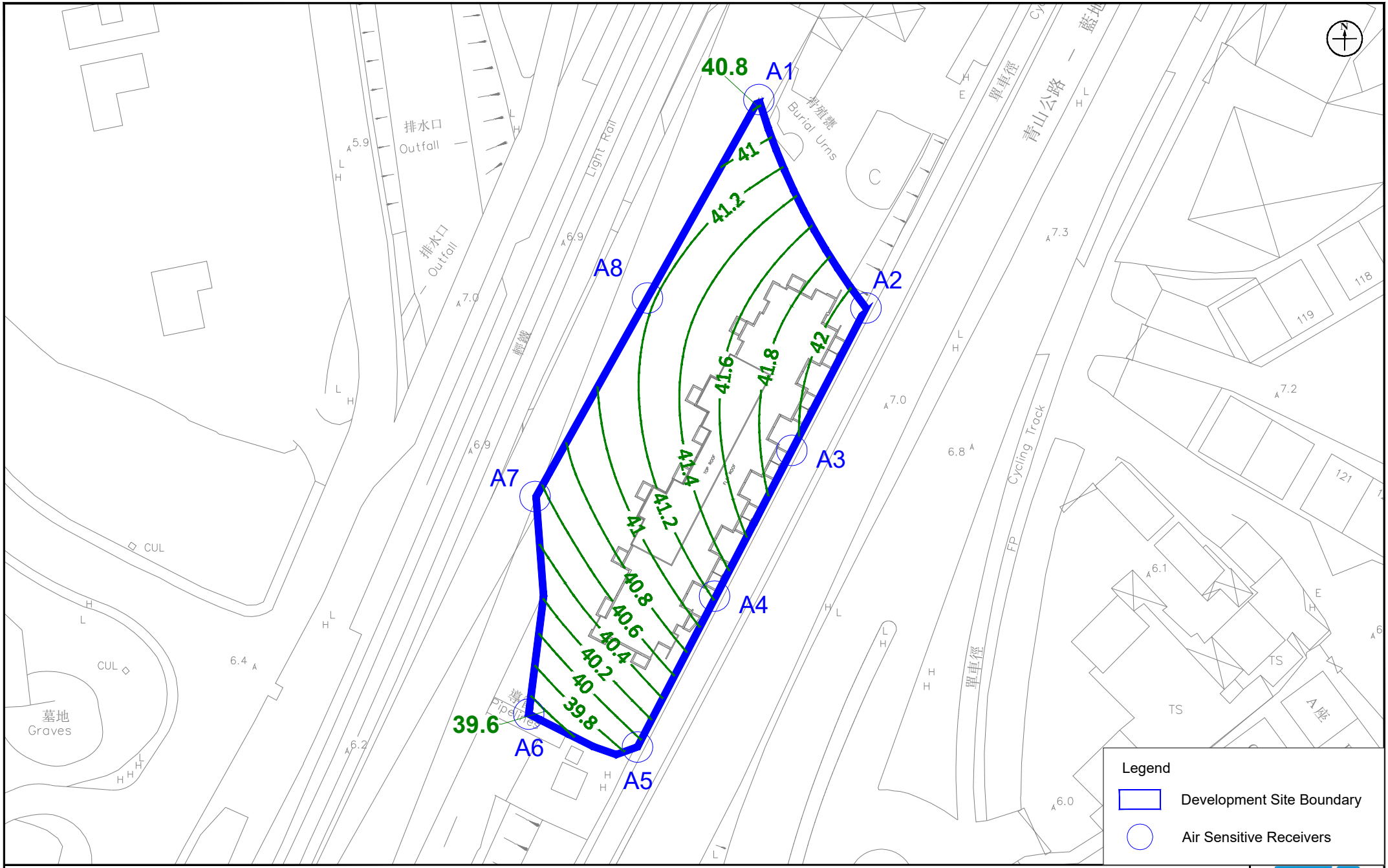

Appendix: 5.10i

Title: Contour Map of the 4th Highest 10-minute Average Concentration of SO_2 in μgm^{-3}
(Assessment Level: 67.58m Above Ground, Floor No.: R/F) (AQO standard: $500\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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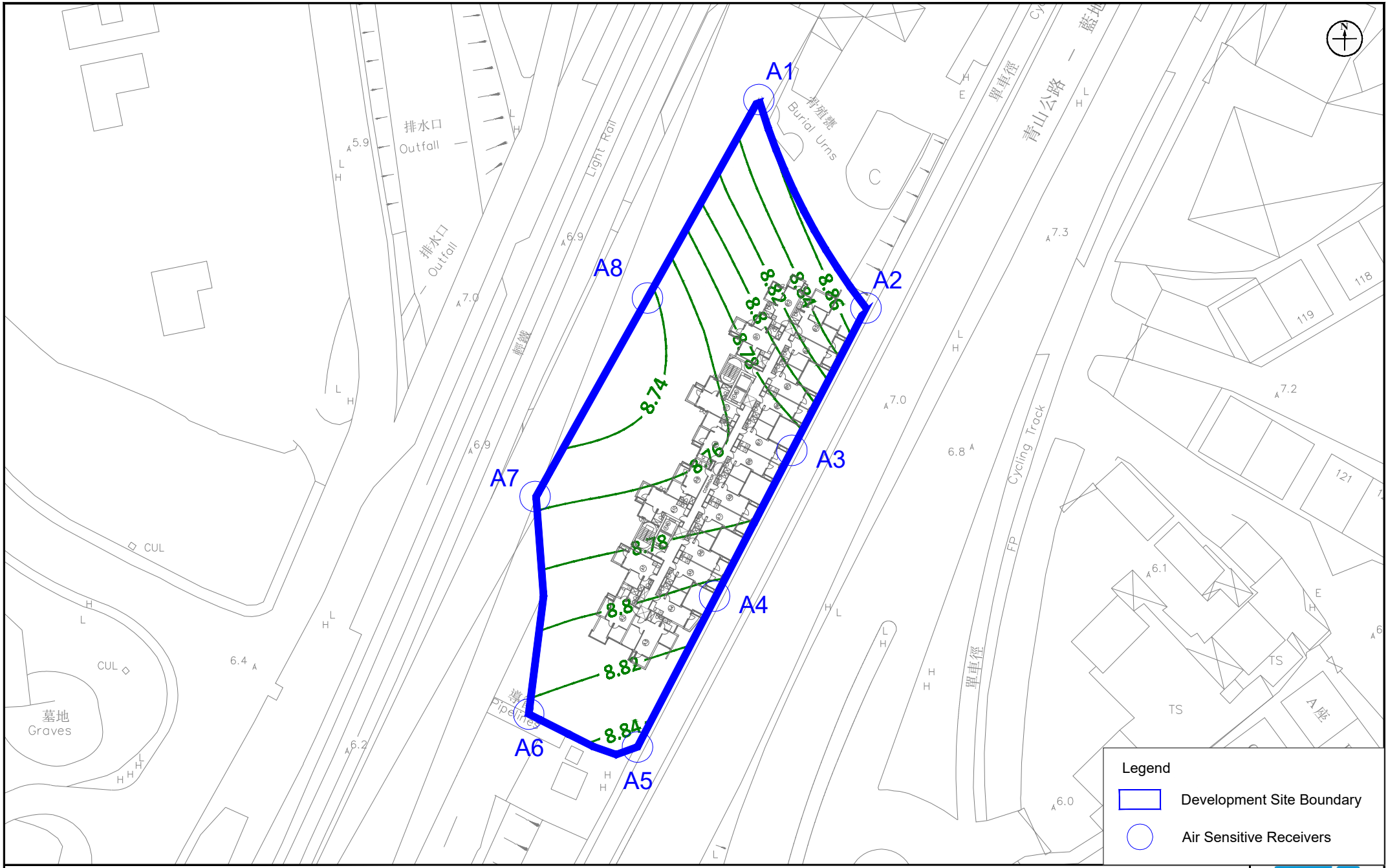

Appendix: 5.10j

Title: Contour Map of the 4th Highest Daily Average Concentration of SO2 in μgm^{-3}
(Assessment Level: 19.73m Above Ground, Floor No.: 4/F) (AQO standard: $40\mu gm^{-3}$)

Project: S16 Planning Application Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for the Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD 130 and the Adjoining Government Land, Lam Tei Tuen Mun

RAMBOLL

Drawn by:	AW
Checked by:	BF
Rev.:	1.1
Date:	Feb 2026

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Appendix 5.13

Extracted Information from Previous Approved AQIA Report

NO_2

3.13.2 The predicted results of 19th highest 1-hour average NO_2 and annual average NO_2 concentrations for all identified ASRs at selected levels are summarized in **Appendix 3.9**. The results indicate that NO_2 concentrations at all locations of the Proposed Development would comply with the relevant AQOs. Therefore, the Proposed Development will not be subject to adverse air quality impact.

RSP

3.13.3 The predicted results of the 10th highest 24-hour average and annual average RSP concentrations for all identified ASRs at selected levels are summarized in **Appendix 3.9**. The results indicate that RSP concentrations at all locations of the Proposed Development would comply with the relevant AQOs.

FSP

3.13.4 The predicted results of the 36th highest 24-hour average and annual average FSP concentrations for all identified ASRs at selected levels are summarized in **Appendix 3.9**. The results indicate that FSP concentrations at all locations of the Proposed Development would comply with the relevant AQOs.

SO_2

3.13.5 The predicted results of the 4th highest 10-minute average and 24-hour average SO_2 concentration at all identified ASR levels are summarized in **Appendix 3.9**. The results indicate that SO_2 concentrations at all locations of Proposed Development would comply with the relevant AQOs.

3.14 Odour Impact

3.14.1 Site survey was conducted to identify any odour impact arising from odour sources within 200m assessment area. The identified potential odour source is the roast pig factory, which is located at the opposite side of Castle Peak Road – Lam Tei (shown in **Figure 3.5**) at ~50m. According to the site surveys conducted at the Subject Site on March and June 2022, no odour arisen from the roast pig factory was observed. Therefore, it is anticipated that no odour impact would be arisen from the roast pig factory on the proposed development of the Subject Site. The enquiry on the odour-related complaints against the roast pig factory in the past five years has been made to Environmental Protection Department (EPD). According to the reply from EPD, two complaints and one complaint related to the greasy fumes/ cooking smell from the roast pig factory were received in 2017 and 2020 respectively. However, the relevant greasy fumes/ cooking smell complaints were not received in the past two years. The relevant correspondence from EPD is shown in **Appendix 3.12**. As the oily fume and cooking odour emissions from cooking processes are under the control of the Air Pollution Control Ordinance (APCO), it is necessary for the owner and operator of the roast pig factory to take appropriate measures to ensure that no visible cooking fumes nor objectionable odour would be emitted causing any forms of pollution. Therefore, it is anticipated that odour impact arisen from the roast pig factory can be avoided and minimized under the control of the APCO.

3.14.2 In addition, as the Subject Site is not served by public sewerage, it is required to propose a small sewage treatment plant (STP) for treating the sewage generated by the Proposed Development (which would be approximately 150.6 m^3/day as estimated in the Sewerage Impact Assessment report for the Proposed Development). Therefore, potential odour impact would be generated by the proposed STP. In order to mitigating the odour impact generated by the proposed STP, it is recommended the environmental consideration in the EPD's Guidelines for the Design of Small Sewage

Treatment Plants should be followed and to implement the following measures to contain and mitigate the potential odour impact:

- The STP will be totally enclosed.
- Negative pressure ventilation will be provided within the enclosure to avoid any fugitive odorous emission from the proposed STP.
- Proper mixing will be provided at the equalization and sludge holding tanks to prevent sewage septicity.
- Chemical or biological deodorization units with at least 99.5% odour removal efficiency will be provided to treat the potential odorous emissions from the STP to minimize any potential odour impact to the nearby ASRs.
- The deodorization units should be regularly maintained to ensure at least 99.5% odour removal efficiency.
- The deodorization units should be designed such that the discharge point will be directed away from the nearby ASRs.

3.14.3 With the implementation of the above recommended mitigation measures on the proposed STP, it is anticipated that no adverse odour impact would be generated by the proposed STP on the nearby ASRs.

3.15 Construction Phase

3.15.1 As shown in **Figure 3.6**, the identified representative Air Sensitive Receivers (ASRs) are Lam Tei Vegetable Depot (CA01, ~30m from Project site boundary), Opulent Villa (CA02, ~50m from Project site boundary), Hanlin Court (CA03, ~77m from Project site boundary), 356 San Hing Tsuen (CA04, ~140m from Project site boundary) and Lingrade Garden (CA05, ~169m from Project site boundary). Although excavation work for the construction of basement will be carried out, the site area of the Project would be small (~1300m2 only) and only one storey of basement would be constructed. Therefore, by following the recommendations list below, the air quality impact arisen during the construction phase would be mitigated and minimised. Besides, no other concurrent project has been identified. Therefore, no adverse cumulative impact from other project would be anticipated.

3.15.2 Dust control measures stipulated under the Air Pollution Control (Construction Dust) Regulation, together with proper site management/practice and good housekeeping are required to mitigate the potential dust impacts on the nearby ASRs. 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 during construction phase. "Recommended Pollution Control Clauses for Construction Contracts" available on EPD website also contains the recommended control measures to be implemented during construction. The dust control measures detailed below shall also be incorporated into the Contract Specification where practicable as an integral part of good construction practices:

- All demolished items (including trees, shrubs, vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles shall be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition;
- Where a site boundary adjoins a road, streets or other accesses to the public, hoarding of not less than 2.4 m high from ground level should be provided along the entire length except for a site entrance or exit;

Appendix 3.12

Correspondence from Environmental Protection Department

From: laichiwong@epd.gov.hk
To: Billy Fan; Susan Chan
Cc: hwwong@epd.gov.hk; psyiu@epd.gov.hk; virginiawong@epd.gov.hk
Subject: S16 Planning Application for Proposed Flat Development and Minor Relaxation of Building Height Restriction in "C" Lots 531 RP, 532 SD RP and 532RP and Adjoining Gov Land - Request for Information of Odour Issues of the Roast Pig Factory near Lam Tei L...
Date: Thursday, December 29, 2022 10:01:10 AM

Some people who received this message don't often get email from laichiwong@epd.gov.hk. Learn why this is important

Dear Mr Fan (3465 2828) / Ms Chan (3465 2848)

Referring to your letter (ref. ASLLT130EI00_0_004L.22) dated 15.12.2022 regarding to the captioned.

According to our record, FOUR complaints record were found in the past five years as listed below:-

Date	Affected Area	Major Concerns	Remarks
8.11.2017	To Yuen Wai	Complaint of greasy fumes / cooking smell from the workshop	
1.12.2017	NA	Complaint of greasy fumes / cooking smell from the workshop	
25.5.2020 18.11.2020	Siu Hong	Complaint of greasy fumes / cooking smell from the workshop	Same case

Should you need more info, please call our HWWong at 2417 6103.

Regards

LC Wong
E(RW)14
Regional Office (West)
Environmental Protection Department
Direct: 2417 6139
Fax: 2415 7191

Appendix 5.14

Correspondence with Environmental Protection Department

Anna Wu

From: Anna Wu
Sent: Wednesday, February 4, 2026 11:09 AM
To: 'laichiwong@epd.gov.hk'
Cc: Billy Fan; Susan Chan; hotline_w@epd.gov.hk
Subject: FW: Request for Information of Air Quality and Odour Complaints within 500m assessment area at Lots 531 RP, 532 S.D. RP and 532 RP in DD130 and the Adjoining government land
Attachments: Location of potential odour sources and Application Site.pdf

Dear Mr Wong,

As previously communicated, could you kindly assist in following up or addressing the enquiry at your earliest convenience? Your help in this matter would be greatly appreciated.

For any queries, please feel free to contact me or our Mr. Billy Fan at 3465 2828. Thank you in advance for any assistance you can provide.

Kind regards
Anna Wu

Assistant Environmental Consultant

D +852 3465 2863
M +852 6210 3085
aymwu@ramboll.com

Ramboll Hong Kong Limited

From: Anna Wu
Sent: Tuesday, January 13, 2026 4:00 PM
To: hotline_w@epd.gov.hk
Cc: Billy Fan <bfan@ramboll.com>; Susan Chan <SUSANCHAN@ramboll.com>
Subject: Request for Information of Air Quality and Odour Complaints within 500m assessment area at Lots 531 RP, 532 S.D. RP and 532 RP in DD130 and the Adjoining government land

Dear Sir/Madam,

Environmental Assessment for S16 Planning Application for Proposed Residential Development (Flat) with Shop and Services Use at Lots 531 RP, 532 S.D. RP and 532 RP in DD130 and the Adjoining government land, Lam Tei, Tuen Mun, New Territories
Request for Information of Air Quality and Odour Complaints

We are the environmental consultant employed by the project proponent for conducting an Air Quality Impact Assessment for the captioned Section 16 Planning Application at Lam Tei.

Of particular interests is whether there is any information regarding historical complaint(s) received in the past five years (2020-2025) on the air quality and odour issue (if any) within the 500m assessment area of the Application Site (i.e. Roast Pig Factory) (figure as attached).

If there are air quality or odour complaints within the 500m assessment area, we would be much appreciated if you would provide us the number of complaints received in each year between 2020 to 2025. We would be grateful if there is any additional information including the date of complaint, affected area, as well as any identification of the odour source(s) and any mitigation measures / improvements of the odour source(s), if necessary, have been implemented after receiving the complaints(s).

Due to the urgency of the project, we would be much appreciated if you could provide the requested information by **26 Jan 2026**.

Should you have any queries, please do not hesitate to contact the undersigned. We sincerely seek your feedback on this matter. Thank you in advance for any assistance you can provide.

Kind regards

Anna Wu

Assistant Environmental Consultant

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