

Annex H

Replacement Pages of Air Quality Impact Assessment

3 SITE INSPECTION

Date and Time

- 3.1 Site surveys were conducted on 7 April 2025, 23 June 2022, 8 October 2021, 10 March 2020, 15 October 2019, 6 and 11 July 2018.

Vehicular Emissions in the Vicinity

- 3.2 The vehicular emissions from the roads in the vicinity of the Development Site have been included in the air impact assessment for the proposed Development.

Industrial Emissions in the Vicinity

- 3.3 Site surveys have been conducted covering the whole area within 500m of the proposed Development to identify all the industrial chimneys. As compared with the site survey in 2022, 1 industrial chimney was removed, and no new chimneys were observed. A total of 18 chimneys were identified (with 11 in Tai Po Industrial Estate and 7 in Tai Po Hospital and Alice Ho Miu Ling Nethersole Hospital). The location of industrial chimney is provided in Figure 3. The summary of the chimneys are provided in Appendix 4.
- 3.4 The site inspections have confirmed that odour was not detected at the site boundary and at the Tin Sam Sewage Pumping Station, fluff was not observed from the buildings in the vicinity of the proposed Development. The weather of the recent site surveys were:-
- 7 April 2025: 25°C, 60%RH, generally fine and calm
 - 23 June 2022: 30°C, 70%RH, generally fine and calm
- 3.5 Inquiry has been made to EPD Regional Office (North), and it is confirmed that no odour complaint against Tin Sam Sewage Pumping Station was received in the past 3 years. The confirmation from EPD is provided in Appendix 12.

Table 10.1 Vehicle Classification in EMFAC-HK Model

Vehicle Class	Description	Gross Vehicle Weight
PC	Private Cars	All
Taxi	Taxi	All
LGV3	Light Goods Vehicles (<=2.5t)	<=2.5t
LGV4	Light Goods Vehicles (2.5 – 3.5t)	>2.5 – 3.5t
LGV6	Light Goods Vehicles (3.5 – 5.5t)	>3.5 – 5.5t
HGV7	Medium & Heavy Goods Vehicles (5.5 – 15t)	>5.5 – 15t
HGV8	Medium & Heavy Goods Vehicles (15 – 24t)	>15-24t
PLB	Public Light Buses	All
PV4	Private Light Buses (<=3.5t)	<=3.5t
PV5	Private Light Buses (>3.5t)	>3.5t
NFB6	Non-franchised Buses (<6.4t)	<=6.36t
NFB7	Non-franchised Buses (6.4 – 15t)	>6.36 – 15t
NFB8	Non-franchised Buses (15 – 24t)	>15t-24t
FBSD	Single Deck Franchised Buses	All
FBDD	Double Deck Franchised Buses	All
MC	Motor Cycles	All
HGV9	Heavy Goods Vehicles (>24t)	>24t
NFB9	Non-franchised Buses (>24t)	>24t

- 10.5 The estimated 18-classes 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 Fraction”^[11].

Road Assumption

- 10.6 Start emissions from all the concerned vehicles classes are assumed at all roads within 500m assessment area by broad-brush approach. For calculations of start emissions by the broad-brush approach, start emissions for each vehicle class are assumed directly proportional to Trips per Vehicle-kilometer-travelled ratio (Trip/VKT) with consideration of the proportion of local and rural roads within Hong Kong based on the Annual Traffic Census (ATC) prepared by the Transport Department (TD). For SAMP v2.1, default trip and VKT values from EMFAC-HK model v4.3 are used in the calculations. In this assessment, the estimated % of VKT for local and rural roads with possible starting emission is ~21.8% of total VKT, which is calculated by raw data of ATC 2023 provided by TD. **Considering that the % calculated by raw data of newly released ATC 2024 (i.e. ~21.7%) is similar to that of 2023, while the predicted cumulative concentrations in Appendix 11 well comply with the relevant AQOs, hence, the % calculated by raw data of ATC 2023 (i.e. 21.8%) is kept adopted in the assessment.** The start profile and calculation of proportion of local and rural roads are provided in Appendix 7.

APPENDIX 12

CONFIRMATION BY EPD FOR ODOUR COMPLAINT RECORD

Samuel Lee

寄件者: John WM LAM/EPD <john_lam@epd.gov.hk>
寄件日期: 2026年1月30日星期五 16:34
收件者: Samuel Lee
副本: Kit Wong; SI[RN]13/EPD; CI[RN]11/EPD
主旨: Fw: Request for Information about Odour Complaint Record for Tin Sam Sewage Pumping Station
附件: Figure 1.pdf; EPD's comments.pdf

Dear Ms Wong & Mr Lee,

According to EPD's record, please note that in the past 3 years, no malodor complaint against Tin Sam Sewage Pumping Station was received.

While we have made a reasonable effort to ensure the completeness and accuracy of the information provided, you should comprehend that the information is provided as is and EPD is not responsible or liable for any claim, loss or damage resulting from the use of this information.

John W M LAM
Regional Office(North)
EPD
30/1/2026

From: HOTLINE_N <hotline_n@epd.gov.hk>
Sent: Thursday, January 29, 2026 1:43 PM
To: CI[RN]11/EPD <ci-rn11@epd.hksarg>
Subject: Fw: Request for Information about Odour Complaint Record for Tin Sam Sewage Pumping Station

----- Forwarded by HOTLINE_N/EPD/HKSARG on 29/01/2026 13:42 -----

From: "Samuel Lee" <samuelling@wha.com.hk>
To: "hotline_n@epd.gov.hk" <hotline_n@epd.gov.hk>
Cc: "Kit Wong" <kitwong@wha.com.hk>
Date: 29/01/2026 12:07
Subject: RE: Request for Information about Odour Complaint Record for Tin Sam Sewage Pumping Station

Dear Sir/Madam,

Westwood Hong & Associates Ltd is the consulting firm conducting an environmental study for the proposed Development at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, as indicated in Figure 1 attached.

A request regarding odour complaint record against Tin Sam Sewage Pumping Station have been sent on 2 December 2025. In view that we have recently received EPD's comment on our submitted AQIA regarding the pending odour complaint record (see attached), hence, your earliest reply would be much appreciated.

If you have any queries, please do not hesitate to contact our Ms Kit Wong at 2838 2738.

Best Regards,
Kit Wong / Samuel Lee
Associate / Consultant

Westwood Hong & Associates Ltd
2404, Tung Wai Commercial Building
109-111 Gloucester Road, Wanchai, H.K.
Telephone: 2838 2738
Fax: 2591 6189

From: Samuel Lee
Sent: Tuesday, December 2, 2025 5:49 PM
To: 'hotline_n@epd.gov.hk' <hotline_n@epd.gov.hk>
Cc: Kit Wong <kitwong@wha.com.hk>
Subject: Request for Information about Odour Complaint Record for Tin Sam Sewage Pumping Station

Dear Sir/Madam,

Westwood Hong & Associates Ltd is the consulting firm conducting an environmental study for the proposed Development at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, as indicated in Figure 1 attached.

An Air Quality Impact Assessment report has been submitted under a Planning Application (No. Y/TP/40). EPD has requested to confirm if there is any odour complaint record against Tin Sam Sewage Pumping Station in the recent years.

Grateful if your office can confirm if there is any odour complaint record against Tin Sam Sewage Pumping Station in the recent years.

If you have any queries, please do not hesitate to contact our Ms Kit Wong at 2838 2738.

Best Regards,
Kit Wong / Samuel Lee
Associate / Consultant

Westwood Hong & Associates Ltd
2404, Tung Wai Commercial Building
109-111 Gloucester Road, Wanchai, H.K.
Telephone: 2838 2738
Fax: 2591 6189

*[See attachment "Figure 1.pdf"]**[See attachment "EPD's comments.pdf"]*