

**Appendix 3.02d Construction of CSTW - Dust Emission Source Listing**

Dust Emission Source Listing in FDM

Construction of CSTW (Unmigated Scenario)

Source	Type	X1	Y1	X2	Y2	Height (m)	Width / Angle	Working Hour	TSP Emission Rate (g/m <sup>3</sup> -s)		RSP Emission Rate (g/m <sup>3</sup> -s)		FSP Emission Rate (g/m <sup>3</sup> -s)					
									Short-term Assessment		Short-term Assessment		Annual Assessment		Short-term Assessment		Annual Assessment	
									Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours	Working hours	Non-working hours
1	Volume*	840768.11	829367.39	16.00	16.00	16.0	54.7	07:00 - 19:00	1.277E-01	0.000E+00	6.068E-02	0.000E+00	9.674E-03	0.000E+00	1.263E-02	0.000E+00	4.870E-03	0.000E+00
2	Area	840824.38	829509.02	8.95	16.46	0.5	29	07:00 - 19:00	2.076E-04	2.695E-06	9.818E-05	1.275E-07	9.818E-06	1.275E-07	1.494E-05	1.494E-05	1.941E-07	1.494E-06
3	Area	840836.19	829496.94	17.89	16.35	0.5	29	07:00 - 19:00	2.076E-04	2.695E-06	9.818E-05	1.275E-07	9.818E-06	1.275E-07	1.494E-05	1.494E-05	1.941E-07	1.494E-06
113	Area	840263.87	829316.87	18.67	16.13	0.5	35	07:00 - 19:75	2.076E-04	2.695E-06	9.818E-05	1.275E-07	9.818E-06	1.275E-07	1.494E-05	1.494E-05	1.941E-07	1.494E-06

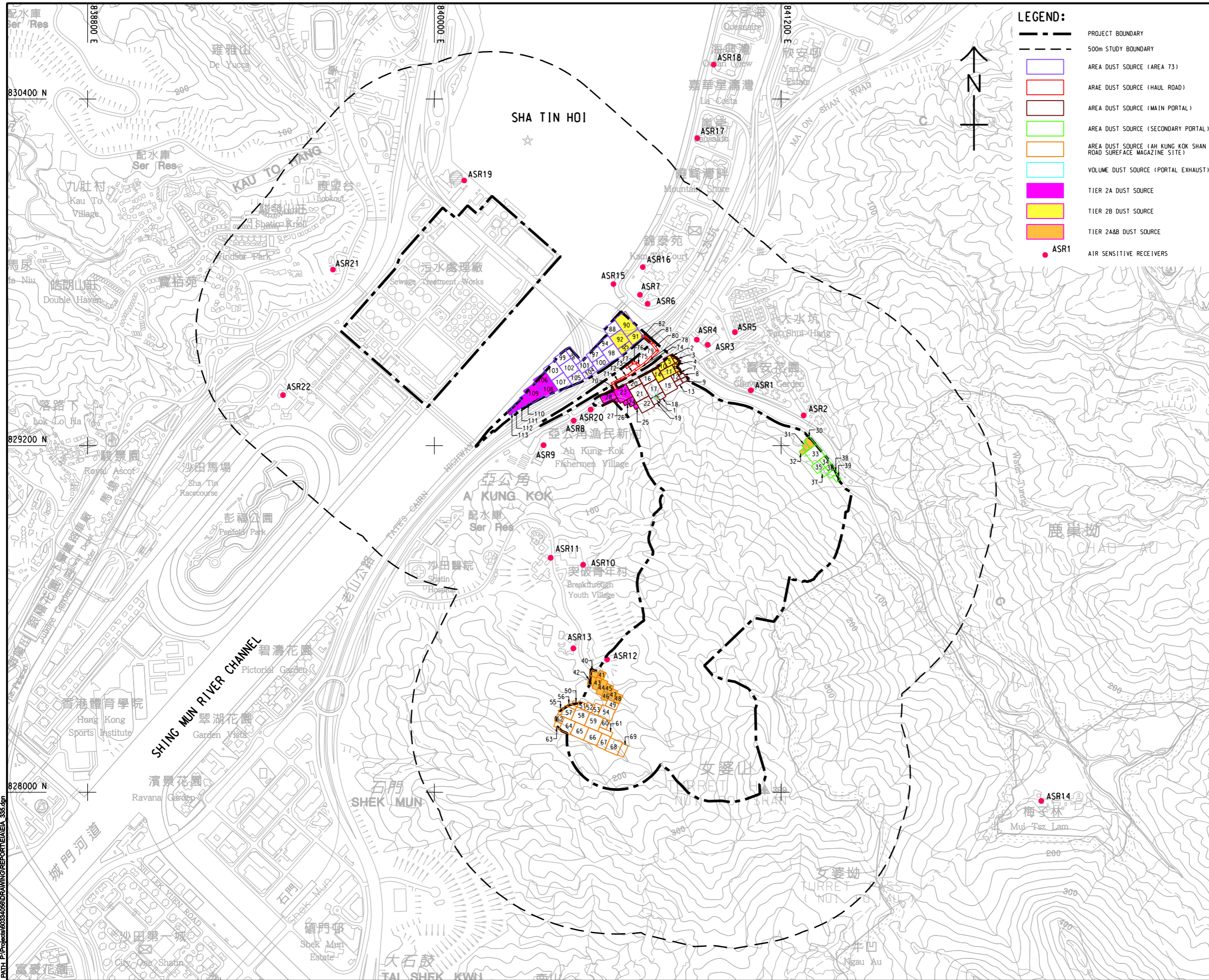
Remarks: \* virtual volume source, which the area source is divided into 9 layers in the FDM model.







Pd File by: PENGMW 20160221  
 PATH: P:\proj\60334056\DRAWING\REPORT\EA\EA\_335.dgn  
 ISO A1 594mm x 841mm  
 Approved:  
 Checked:  
 Designer:  
 Project Management Initials:



**LEGEND:**

- PROJECT BOUNDARY
- 500m STUDY BOUNDARY
- AREA DUST SOURCE (AREA 73)
- AREA DUST SOURCE (HAUL ROAD)
- AREA DUST SOURCE (MAIN PORTAL)
- AREA DUST SOURCE (SECONDARY PORTAL)
- AREA DUST SOURCE (AH KUNG KOK SHAN ROAD SURFACE MAGAZINE SITE)
- VOLUME DUST SOURCE (PORTAL EXHAUST)
- TIER 2A DUST SOURCE
- TIER 2B DUST SOURCE
- TIER 2A&B DUST SOURCE
- ASR1

**AECOM**

**PROJECT**  
 項目  
**RELOCATION OF SHA TIN SEWAGE TREATMENT WORKS TO CAVERNS: CAVERNS AND SEWAGE TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION**

**CLIENT**  
 業主  
 渠務署  
 Drainage Services Department

**CONSULTANT**  
 工程顧問公司  
 AECOM Asia Company Ltd.  
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**SUB-CONSULTANTS**  
 外聘工程顧問公司

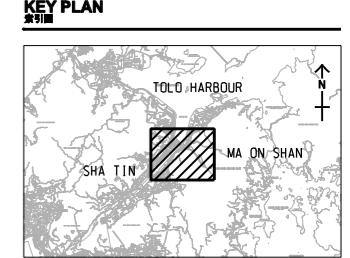
**ISSUE/REVISION**  
 修訂

NO.	DATE	DESCRIPTION	CHK.
A	JAN. 16	EIA	
-	SEP. 15	EIA (DRAFT)	

**STATUS**  
 階段

**SCALE**  
 比例  
 A3 1: 12000

**DIMENSION UNIT**  
 尺寸單位  
 METRES



**PROJECT NO.**  
 項目編號  
 60334056

**CONTRACT NO.**  
 合約編號  
 CE 30/2014 (DS)

**SHEET TITLE**  
 圖紙標題  
 LOCATION OF CONSTRUCTION DUST EMISSIONS SOURCE (CONSTRUCTION OF CSTW)

**SHEET NUMBER**  
 圖紙編號  
 60334056/EIA/3.35A

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