

Appendix 11.3.1

***Future Population at the Vicinity of the Existing
Kwun Tong Dangerous Goods Vehicular Ferry Pier
(DGVFP)***

Appendix 11-3-1 Table 1 – Future Population in Kai Tak Dangerous Goods Ferry Pier at Year 2012

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population ^b	Indoor Ratio	Percent Occupancy						Year 2012 Population					
						Weekday		Weekend		Day	Night	Weekday		Day	Night	Day	Night
						Day	Night	Day	Night			Day	Night				
118.02	OU	Business Buildings	27730	10531	0.95	1.00	0.10	0.40	0.05	1.00	0.10	10531	1053	4213	527		
118.03	OU	Business Buildings	24549	9323	0.95	1.00	0.10	0.40	0.05	1.00	0.10	9323	932	3729	466		
309.05	OU	Business Buildings	7696	1367	0.95	1.00	0.10	0.40	0.05	1.00	0.10	1367	137	547	68		
309.06	OU	Business Buildings	18380	3264	0.95	1.00	0.10	0.40	0.05	1.00	0.10	3264	326	1305	163		
309.08 ^c	G/I/C	Existing driving school, planned G/I/C use	7328	50	0.95	1.00	0.10	1.00	0.10	1.00	0.10	50	5	50	5		
309.09	C	Business Buildings	2919	518	0.95	1.00	0.10	0.40	0.05	1.00	0.10	518	52	207	26		
309.10	G/I/C	Bus Terminus	9945	1766	0.95	1.00	0.10	0.40	0.05	1.00	0.10	1766	177	706	88		
309.11	O	Open Space (park) (3)	4808	48	0	1.00	0.10	1.00	0.10	1.00	0.10	48	5	48	5		
309.12	OU	Business Buildings	25919	4602	0.95	1.00	0.10	0.40	0.05	1.00	0.10	4602	460	1841	230		
309.13	OU	Business Buildings	24607	4369	0.95	1.00	0.10	0.40	0.05	1.00	0.10	4369	437	1748	218		
309.15	OU	Business Buildings	6450	1145	0.95	1.00	0.10	0.40	0.05	1.00	0.10	1145	115	458	57		
309.16	OU	Sewage Treatment Works (2)	9876	50	0.95	1.00	0.10	0.40	0.05	1.00	0.10	50	5	20	3		
309.19	G/I/C	existing Pumping Station, planned G/I/C use	1662	295	0.95	1.00	0.10	1.00	0.10	1.00	0.10	295	30	295	30		
309.20	C	Business Buildings	397	70	0.95	1.00	0.10	0.40	0.05	1.00	0.10	70	7	28	4		
309.21	C	Business Buildings	5966	1059	0.95	1.00	0.10	0.40	0.05	1.00	0.10	1059	106	424	53		
124.17	O	PCWA (Public Cargo Working Area) (3)	6415	64	0	1.00	0.10	1.00	0.10	1.00	0.10	64	6	64	6		
124.18	OU	Open Storage	13504	597	0	1.00	0.10	0.40	0.05	1.00	0.10	597	60	239	30		
119.07	OU	Business Buildings	17724	8932	0.95	1.00	0.10	0.40	0.05	1.00	0.10	8932	893	3573	447		
337.01	O	PCWA ^a and pedestrian (3)	53943	539	0	1.00	0.10	1.00	0.10	1.00	0.10	539	54	539	54		
337.04	OU	Kwun Tong Public Pier	734	32	0	1.00	0.10	1.00	0.10	1.00	0.10	32	3	32	3		

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population ^b	Indoor Ratio	Percent Occupancy						Year 2012 Population			
						Weekday		Weekend				Weekday		Weekend	
						Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
337.14	OU	Kwun Tong Ferry Pier	2516	111	0	1.00	0.10	1.00	0.10	111	11	111	11	111	11
	Others	Typhoon shelter		123	0	1.00	1.00	1.00	1.00	123	123	123	123	123	123
	Others	Wai Yip Street ^d		173	0	1.00	0.91	1.00	0.91	173	157	173	157	173	157
	Others	Kei Yip Street ^d		8	0	1.00	0.91	1.00	0.91	8	7	8	7	8	7
	Others	Tsun Yip Street ^d		22	0	1.00	0.91	1.00	0.91	22	20	22	20	22	20
	Others	Hoi Bun Road ^d		23	0	1.00	0.91	1.00	0.91	23	21	23	21	23	21
	Others	Kwun Tong Bypass		642	0	1.00	0.36	1.00	0.36	642	228	642	228	642	228
	Others	Wing Yip Street ^d		8	0	1.00	0.91	1.00	0.91	8	7	8	7	8	7
	Others	Hoi Yuen Road ^d		20	0	1.00	0.91	1.00	0.91	20	18	20	18	20	18
	Others	Hung To Road ^d		34	0	1.00	0.91	1.00	0.91	34	31	34	31	34	31
	Others	Monorail		0	0	1.00	0.10	1.00	0.10	0	0	0	0	0	0

Note:

- a - Based on HK Gov Statutory Planning Portal, unless otherwise noted
b - Calculated value from 2003-based TPEDM Scenario 1 data, unless otherwise noted
c - Based on site survey
d - Based on site survey and Wai Yip Street data
e - "PCWA" stands for "Public Cargo Working Area"
(2) - estimation based on existing sewage treatment works
(3) density 0.01 persons per m² is assumed for open area

Appendix 11-3-1 Table 2 – Future Population in Kai Tak Dangerous Goods Ferry Pier at Year 2016

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population ^b	Indoor Ratio	Percent Occupancy						Year 2016 Population					
						Weekday		Weekend		Day	Night	Weekday		Day	Night	Day	Night
						Day	Night	Day	Night			Day	Night				
118.02	OU	Business Buildings	27730	11301	0.95	1.00	0.10	0.40	0.05	11301	11301	11301	11301	4520	565		
118.03	OU	Business Buildings	24549	10004	0.95	1.00	0.10	0.40	0.05	10004	10004	10004	10004	4002	500		
309.05	OU	Business Buildings	7696	1448	0.95	1.00	0.10	0.40	0.05	1448	1448	1448	1448	579	72		
309.06	OU	Business Buildings	18380	3457	0.95	1.00	0.10	0.40	0.05	3457	3457	3457	3457	1383	173		
309.08 ^c	G/I/C	Existing driving school, planned G/I/C use	7328	50	0.95	1.00	0.10	1.00	0.10	50	50	50	50	50	5	5	5
309.09	C	Business Buildings	2919	549	0.95	1.00	0.10	0.40	0.05	549	549	549	549	220	27		
309.10	G/I/C	Bus Terminus	9945	1870	0.95	1.00	0.10	0.40	0.05	1870	1870	1870	1870	748	94		
309.11	O	Open Space (park) (3)	4808	48	0	1.00	0.10	1.00	0.10	48	48	48	48	48	5	5	5
309.12	OU	Business Buildings	25919	4875	0.95	1.00	0.10	0.40	0.05	4875	4875	4875	4875	1950	244		
309.13	OU	Business Buildings	24607	4628	0.95	1.00	0.10	0.40	0.05	4628	4628	4628	4628	1851	231		
309.15	OU	Business Buildings	6450	1213	0.95	1.00	0.10	0.40	0.05	1213	1213	1213	1213	485	61		
309.16	OU	Sewage Treatment Works (2)	9876	50	0.95	1.00	0.10	0.40	0.05	50	50	50	50	20	3		
309.19	G/I/C	existing Pumping Station, planned G/I/C use	1662	313	0.95	1.00	0.10	1.00	0.10	313	313	313	313	313	31	313	31
309.20	C	Business Buildings	397	75	0.95	1.00	0.10	0.40	0.05	75	75	75	75	30	4		
309.21	C	Business Buildings	5966	1122	0.95	1.00	0.10	0.40	0.05	1122	1122	1122	1122	449	56		
124.17	O	PCWA (Public Cargo Working Area) (3)	6415	64	0	1.00	0.10	1.00	0.10	64	64	64	64	64	6		
124.18	OU	Open Storage	13504	602	0	1.00	0.10	0.40	0.05	602	602	602	602	241	30		
119.07	OU	Business Buildings	17724	9251	0.95	1.00	0.10	0.40	0.05	9251	9251	9251	9251	3700	463		
337.01	O	PCWA ^a and pedestrian (3)	53943	539	0	1.00	0.10	1.00	0.10	539	539	539	539	539	54	539	54
337.04	OU	Kwun Tong Public Pier	734	33	0	1.00	0.10	1.00	0.10	33	33	33	33	33	3	33	3

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population ^b	Indoor Ratio	Percent Occupancy						Year 2016 Population					
						Weekday		Weekend		Day	Night	Weekday		Weekend		Day	Night
						Day	Night	Day	Night			Day	Night	Day	Night		
337.14	OU	Kwun Tong Ferry Pier	2516	112	0	1.00	0.10	1.00	0.10	1.00	0.10	112	11	112	11	112	11
	Others	Typhoon shelter		127	0	1.00	1.00	1.00	1.00	1.00	1.00	127	127	127	127	127	127
	Others	Wai Yip Street ^d		193	0	1.00	0.91	1.00	0.91	1.00	0.91	193	176	193	176	193	176
	Others	Kei Yip Street ^d		9	0	1.00	0.91	1.00	0.91	1.00	0.91	9	8	9	8	9	8
	Others	Tsun Yip Street ^d		23	0	1.00	0.91	1.00	0.91	1.00	0.91	23	21	23	21	23	21
	Others	Hoi Bun Road ^d		23	0	1.00	0.91	1.00	0.91	1.00	0.91	23	21	23	21	23	21
	Others	Kwun Tong Bypass		719	0	1.00	0.36	1.00	0.36	1.00	0.36	719	255	719	255	719	255
	Others	Wing Yip Street ^d		9	0	1.00	0.91	1.00	0.91	1.00	0.91	9	8	9	8	9	8
	Others	Hoi Yuen Road ^d		20	0	1.00	0.91	1.00	0.91	1.00	0.91	20	18	20	18	20	18
	Others	Hung To Road ^d		33	0	1.00	0.91	1.00	0.91	1.00	0.91	33	30	33	30	33	30
	Others	Monorail		0	0	1.00	0.10	1.00	0.10	1.00	0.10	0	0	0	0	0	0

Note:

- a - Based on HK Gov Statutory Planning Portal, unless otherwise noted
- b - Calculated value from 2003-based TPEDM Scenario 1 data, unless otherwise noted
- c - Based on site survey
- d - Based on site survey and Wai Yip Street data
- e - "PCWA" stands for "Public Cargo Working Area"
- (2) - estimation based on existing sewage treatment works
- (3) density 0.01 persons per m² is assumed for open area

Appendix 11-3-1 Table 3 – Future Population in Kai Tak Dangerous Goods Ferry Pier at Year 2021

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population	Indoor Ratio	Percent Occupancy				Year 2021 Population			
						Weekday		Weekend		Weekday		Weekend	
						Day	Night	Day	Night	Day	Night	Day	Night
118.02	OU	Business Buildings	27730	11426	0.95	1.00	0.10	0.40	0.05	11426	1143	4571	571
118.03	OU	Business Buildings	24549	10115	0.95	1.00	0.10	0.40	0.05	10115	1012	4046	506
309.05	OU	Business Buildings	7696	1455	0.95	1.00	0.10	0.40	0.05	1455	145	582	73
309.06	OU	Business Buildings	18380	3474	0.95	1.00	0.10	0.40	0.05	3474	347	1389	174
309.08 ^c	G/I/C	Existing driving school, planned G/I/C use	7328	50	0.95	1.00	0.10	1.00	0.10	50	5	50	5
309.09	C	Business Buildings	2919	552	0.95	1.00	0.10	0.40	0.05	552	55	221	28
309.10	G/I/C	Bus Terminus	9945	1879	0.95	1.00	0.10	0.40	0.05	1879	188	752	94
309.11	O	Open Space (park) (3)	4808	48	0	1.00	0.10	1.00	0.10	48	5	48	5
309.12	OU	Business Buildings	25919	4899	0.95	1.00	0.10	0.40	0.05	4899	490	1959	245
309.13	OU	Business Buildings	24607	4651	0.95	1.00	0.10	0.40	0.05	4651	465	1860	233
309.15	OU	Business Buildings	6450	1219	0.95	1.00	0.10	0.40	0.05	1219	122	488	61
309.16	OU	Sewage Treatment Works (2)	9876	50	0.95	1.00	0.10	0.40	0.05	50	5	20	3
309.19	G/I/C	existing Pumping Station, planned G/I/C use	1662	314	0.95	1.00	0.10	1.00	0.10	314	31	314	31
309.20	C	Business Buildings	397	75	0.95	1.00	0.10	0.40	0.05	75	7	30	4
309.21	C	Business Buildings	5966	1128	0.95	1.00	0.10	0.40	0.05	1128	113	451	56
124.17	O	PCWA (Public Cargo Working Area) (3)	6415	64	0	1.00	0.10	1.00	0.10	64	6	64	6
124.18	OU	Open Storage	13504	626	0	1.00	0.10	0.40	0.05	626	63	250	31
119.07	OU	Business Buildings	17724	9296	0.95	1.00	0.10	0.40	0.05	9296	930	3718	465
337.01	O	PCWA ^a and pedestrian (3)	53943	539	0	1.00	0.10	1.00	0.10	539	54	539	54
337.04	OU	Kwun Tong Public Pier	734	34	0	1.00	0.10	1.00	0.10	34	3	34	3

PVS.OZP	Land Use ^a	Description	OZP Area ^a (m ²)	Total Population	Indoor Ratio	Percent Occupancy						Year 2021 Population					
						Weekday		Weekend		Day	Night	Weekday		Weekend		Day	Night
						Day	Night	Day	Night			Day	Night	Day	Night		
337.14	OU	Kwun Tong Ferry Pier	2516	117	0	1.00	0.10	1.00	0.10	1.00	0.10	117	12	117	12	117	12
	Others	Typhoon shelter		132	0	1.00	1.00	1.00	1.00	1.00	1.00	132	132	132	132	132	132
	Others	Wai Yip Street ^d		219	0	1.00	0.91	1.00	0.91	1.00	0.91	219	200	219	200	219	200
	Others	Kei Yip Street ^d		9	0	1.00	0.91	1.00	0.91	1.00	0.91	9	8	9	8	9	8
	Others	Tsun Yip Street ^d		25	0	1.00	0.91	1.00	0.91	1.00	0.91	25	23	25	23	25	23
	Others	Hoi Bun Road ^d		23	0	1.00	0.91	1.00	0.91	1.00	0.91	23	21	23	21	23	21
	Others	Kwun Tong Bypass		815	0	1.00	0.36	1.00	0.36	1.00	0.36	815	289	815	289	815	289
	Others	Wing Yip Street		9	0	1.00	0.91	1.00	0.91	1.00	0.91	9	8	9	8	9	8
	Others	Hoi Yuen Road ^d		20	0	1.00	0.91	1.00	0.91	1.00	0.91	20	18	20	18	20	18
	Others	Hung To Road ^d		33	0	1.00	0.91	1.00	0.91	1.00	0.91	33	30	33	30	33	30
	Others	Monorail		350	0	1.00	0.10	1.00	0.10	1.00	0.10	350	35	350	35	350	35

Note:

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- c - Based on site survey
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- e - "PCWA" stands for "Public Cargo Working Area"
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