



運輸署
Transport Department

本署檔號 Our Ref.: () in NR 182/141-26
來函檔號 Your Ref.: 1256-05/E06-39769
電話 Tel.: 2399 2405

Hyder Consulting Limited
47/F., Hopewell Centre
183 Queen's Road East
Wan Chai, Hong Kong

Attn: Coleman Ng

Dear Sir,

Hyder Consulting Limited			
Date received 18 AUG 2006			
Reg no. J006-42929			
Div/Dep. ZNV			
Manager 18 AUG 2006			
Date received in Div/Dept 18 AUG 2006			
For Action	For Info	Sign	Date
CN		DL	21/8/06
AL		DL	27/8/06
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Reply date			
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30.07.06 05

15 August 2006

Provision of Cremators at Wo Hop Shek Crematorium
Technical Notes on Traffic Data Forecast of Environmental Impact Assessment (EIA)

We refer to your letter dated 1 August 2006.

The Environmental Impact Assessment is initiated by EPD, EPD rather than this Office should be the authority to approve/endorse the data (including traffic data) for the EIA. Notwithstanding to the above, we have no in-principle objection to adopt traffic data extracted from BDTM model for the captioned. However, the BTDM model would only provides traffic forecast up to year 2016. As such, we are not in a position to comment your traffic data beyond year 2016.

Yours faithfully

(Eric K H CHEUNG)
for Assistant Commissioner
for Transport/NT

c.c. PM 304, ArchSD (Attn: Mr. Raymond Leung)
PA, ArchSD (Attn: Mr. M C Chung)
FEHD (Attn: Ms. Lisa Chiu)

Traffic Flow Forecast for EIA for Provision of Cremators at Wo Hop Shek Crematorium

Peak Hour Flows					Yr 2014	Yr 2019	Yr 2024	Yr 2029											
No.	Road	From	To	Movement	Total(veh/hr)	Total(veh/hr)	Total(veh/hr)	Total(veh/hr)	MC (%)	PC (%)	Taxi (%)	PLB (%)	LGV (%)	HGV (%)	Coach (%)	Bus (%)	Total (%)	% of GV	
1	Fanling Highway WB	Tai Wo	Slip road to Pak Wo Road SB	A	3306	3335	3364	3393	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
2				B	3306	3335	3364	3393	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
3				C	3306	3335	3364	3393	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
4		Slip road to Pak Wo Road SB	Slip road to Pak Wo Road NB	D	3134	3163	3192	3221	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
5		E		3134	3163	3192	3221	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%		
6		Slip road to Pak Wo Road NB		Adjacent to Fanling KCR Stn	F	2113	2142	2196	2251	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%
7		Slip Rd to Jockey Club Rd NB		G	1021	1058	1097	1138	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
8		Slip Rd to Jockey Club Rd NB	H	1021	1058	1097	1138	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%		
9	Fanling Highway EB	Adjacent to Fanling KCR Stn	Slip road of Jockey Club road NB to Fanling Highway	I	2633	2837	3058	3297	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
10		Slip road of Jockey Club road NB to Fanling Highway	Slip road of Jockey Club road SB to Fanling Highway	J	2935	3129	3338	3560	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
11		Slip road of Jockey Club road SB to Fanling Highway	Fanling Highway slip road	K	4554	4774	5005	5247	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
12		L		4553	4773	5005	5248	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%		
13		Fanling Highway slip road	Slip road to Fanling Highway EB	M	4257	4469	4692	4927	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
14				N	4256	4470	4695	4932	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
15		Slip road to Fanling Highway EB	Tai Wo	O	4547	4779	5024	5282	2.60	49.70	2.30	0.00	19.70	21.40	4.20	0.10	100.00	41.1%	
16		Nam Wa Po	Kiu Tau Rd	P	589	592	596	600	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%	
17	Kiu Tau Rd	Fanling Highway slip road	Q	551	555	559	562	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%		
18	Fanling Highway slip road	Wo Hip Shek San Tsuen	R	357	362	372	381	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%		
19	Tai Wo Service Rd West WB	Fanling Highway slip road	S	228	245	264	284	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%		
20			T	57	58	60	61	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%		
21			Internal Rd of Wo Hop Shek San Tsuen	U	35	35	36	37	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%	
22				V	35	35	36	37	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%	
23				W	337	341	350	358	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%	
24			Wo Hip Shek San Tsuen	Wo Hing Road	X	503	507	520	533	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%
25			Wo Hing Road	Lui Ming Road	Y	124	125	128	132	0.92	25.76	11.50	11.50	25.39	16.50	6.15	2.28	100.00	41.9%
26	Tai Wo Service Rd West EB	Lui Ming Road	Wo Hing Road	AA	375	387	399	411	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
27		Pak Wo Road	Wo Hing Road	AB	139	140	142	143	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
28		Wo Hing Road	Wo Hip Shek San Tsuen	AC	240	258	278	300	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
29		Wo Hip Shek San Tsuen	Fanling Highway slip road	AD	238	258	280	303	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
30		Fanling Highway slip road	Kiu Tau Rd	AE	345	353	362	371	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
31		Kiu Tau Rd	Nam Wa Po	AF	502	514	527	539	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%	
32	Fanling Highway slip road	Fanling Highway slip road	AG	259	265	271	277	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%		
33			AH	254	270	288	306	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%		
34			AI	259	265	272	279	0.71	19.95	8.91	9.54	30.24	19.65	8.03	2.98	100.00	49.9%		
35			AJ	1917	1964	2012	2061	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%		
36	Jockey Club Road SB	Tong Hang Village	Slip road of Jockey Club Road	AK	1957	2007	2058	2111	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
37		Access to Tong Hang	Tong Hang Village	AL	94	104	116	129	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
38		Slip road of Jockey Club Road	Pak Wo Road	AM	336	341	346	351	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
39		Slip road of Jockey Club Road	Fanling Highway	AN	1621	1665	1711	1758	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
40		Pak Wo Road	Slip road of Jockey Club Road	AO	2010	2027	2044	2061	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
41		Slip road of Jockey Club Road	Fanling Highway	AP	301	302	309	317	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
42		Slip road of Jockey Club Road	Access to Tong Hang Village	AQ	1714	1746	1780	1814	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
43		Tong Hang Village	Access to Tong Hang Village	AR	95	109	125	144	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%	
44	Access to Tong Hang Village	Lok Yip Rd	AS	1714	1746	1780	1814	1.30	36.50	16.30	1.60	21.70	14.10	6.20	2.30	100.00	35.8%		

Traffic Flow Forecast for EIA for Provision of Cremators at Wo Hop Shek Crematorium

Peak Hour Flows					Yr 2014	Yr 2019	Yr 2024	Yr 2029	MC (%)	PC (%)	Taxi (%)	PLB (%)	LGV (%)	HGV (%)	Coach (%)	Bus (%)	Total (%)	% of GV
No.	Road	From	To	Movement	Total(veh/hr)	Total(veh/hr)	Total(veh/hr)	Total(veh/hr)										
45	Pak Wo Road EB	Gung Ying Sin Koon	Yat Ming Rd	AT	494	497	509	522	0.70	19.65	8.78	0.15	24.99	16.24	21.51	7.98	100.00	41.2%
46		Yat Ming Rd	Wai Ming St	AU	306	310	318	326	0.70	19.65	8.78	0.15	24.99	16.24	21.51	7.98	100.00	41.2%
47		Wai Ming St	Yat Ming Rd	AV	306	310	318	326	0.70	19.65	8.78	0.15	24.99	16.24	21.51	7.98	100.00	41.2%
48		Yat Ming Rd	Pak Wo Road	AW	335	339	348	357	0.70	19.65	8.78	0.15	24.99	16.24	21.51	7.98	100.00	41.2%
49	Pak Wo Road	Pak Wo Road	Slip Rd from Fanling Hy to Jockey Club Rd NB	AX	381	386	396	406	0.70	19.65	8.78	0.15	24.99	16.24	21.51	7.98	100.00	41.2%
50	Pak Wo Road WB	Slip Rd from Fanling Hy to Jockey Club Rd NB	Pak Wo Road	AY	153	155	158	161	0.72	20.16	9.00	1.70	29.80	19.36	14.05	5.21	100.00	49.2%
51		Pak Wo Road	Yat Ming Rd	BA	289	293	298	302	0.72	20.16	9.00	1.70	29.80	19.36	14.05	5.21	100.00	49.2%
52		Yat Ming Rd	Wai Ming St	BB	111	125	141	159	0.72	20.16	9.00	1.70	29.80	19.36	14.05	5.21	100.00	49.2%
53		Wai Ming St	Yat Ming Rd	BC	421	425	436	447	0.72	20.16	9.00	1.70	29.80	19.36	14.05	5.21	100.00	49.2%
54	Yat Ming Rd	Gung Ying Sin Koon	BD	504	504	517	530	0.72	20.16	9.00	1.70	29.80	19.36	14.05	5.21	100.00	49.2%	
55	Yat Ming Road EB	Pak Wo Rd	Access to Dawning Views & Avon Park	BE	184	186	190	195	0.67	18.78	8.39	4.06	28.01	18.20	15.97	5.92	100.00	46.2%
56		Pak Wo Rd	Access to Dawning Views & Avon Park	BF	184	186	190	195	0.67	18.78	8.39	4.06	28.01	18.20	15.97	5.92	100.00	46.2%
57	Yat Ming Road EB	Access to Dawning Views & Avon Park	Yat Ming Rd	BG	269	272	275	278	0.67	18.78	8.39	4.06	28.01	18.20	15.97	5.92	100.00	46.2%
58		Access to Dawning Views & Avon Park	Dawning Views & Avon Park	BH	80	81	83	85	0.67	18.78	8.39	4.06	28.01	18.20	15.97	5.92	100.00	46.2%
59	Pak Wo Road	Lui Ming Road	BI	329	336	343	351	0.67	18.78	8.39	4.06	28.01	18.20	15.97	5.92	100.00	46.2%	
60	Yat Ming Road WB	Lui Ming Road	Access to Dawning Views & Avon Park	BJ	161	163	168	172	0.70	19.53	8.72	2.78	20.63	13.41	24.97	9.26	100.00	34.0%
61		Access to Dawning Views & Avon Park	Dawning Views & Avon Park	BK	194	196	198	203	0.70	19.53	8.72	2.78	20.63	13.41	24.97	9.26	100.00	34.0%
62		Dawning Views & Avon Park	Access to Dawning Views & Avon Park	BL	185	187	192	197	0.70	19.53	8.72	2.78	20.63	13.41	24.97	9.26	100.00	34.0%
63		Access to Dawning Views & Avon Park	Pak Wo Rd	BM	218	218	219	225	0.70	19.53	8.72	2.78	20.63	13.41	24.97	9.26	100.00	34.0%
64	Wah Ming Road WB	BN	218	218	219	225	0.70	19.53	8.72	2.78	20.63	13.41	24.97	9.26	100.00	34.0%		
65		Pak Wo Rd	Wai Ming St	BO	188	191	195	200	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
66		Pak Wo Rd	Wai Ming St	BP	188	191	195	200	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
67		Wai Ming St	Access to Wah Ming Est	BQ	107	108	111	114	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
68		Access to Wah Ming Est	Wah Ming Est	BR	71	71	73	75	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
69		Access to Wah Ming Est	Lui Ming Rd	BS	161	174	188	204	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
70		Access to Wah Ming Est	Lui Ming Rd	BT	161	174	188	204	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
71		Access to Wah Ming Est	Lui Ming Rd	BU	161	173	187	201	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
72		Lui Ming Rd	Access to Wah Ming Est	CA	9	9	9	10	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
73		Lui Ming Rd	Access to Wah Ming Est	CB	9	9	9	10	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
74		Lui Ming Rd	Access to Wah Ming Est	CC	9	9	9	10	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
75		Wah Ming Road EB	Wah Ming Est	Access to Wah Ming Est	CD	425	428	438	449	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00
76	Access to Wah Ming Est	Wai Ming St	CE	304	306	307	314	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%	
77	Wai Ming St	Pak Wo Rd	CF	146	148	150	151	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%	
78	Wai Ming St	Pak Wo Rd	CG	149	150	152	154	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%	
79	Wai Ming Street NB	Wah Ming St	Lui Ming Rd	CH	233	234	236	238	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
80		Lui Ming Rd	Pak Wo Rd	CI	353	355	358	367	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
81	Wai Ming Street SB	Pak Wo Rd	Lui Ming Rd	CJ	41	42	43	44	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
82		Lui Ming Rd	Wah Ming St	CK	41	42	43	44	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
83	Lui Ming Road EB	Wai Ming St	Access to Wah Ming Est	CL	93	95	97	99	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
84		Wah Ming Est	Access to Wah Ming Est	CM	694	703	721	739	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%
85	Access to Wah Ming Est	Wah Ming Rd	CK	674	684	701	719	1.16	32.56	14.54	2.25	25.99	16.89	4.82	1.79	100.00	42.9%	
86	Wah Ming Rd	Access to Wah Ming Est	CL	620	621	622	623	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%	
87	Lui Ming Road WB	Access to Wah Ming Est	Wah Ming Est	CM	507	514	527	540	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
88		Access to Wah Ming Est	Wai Ming St	CN	224	226	228	229	1.36	38.07	17.00	0.72	21.76	14.14	5.07	1.88	100.00	35.9%
89	Ming Yin Road EB	Ming Yin Rd	Kiu Tau Rd	CO	316	324	332	340	1.39	39.02	17.42	0.00	23.63	15.35	2.32	0.86	100.00	39.0%
90		Ming Yin Rd	Kiu Tau Rd	CP	316	324	332	340	1.39	39.02	17.42	0.00	23.63	15.35	2.32	0.86	100.00	39.0%
91		Ming Yin Rd	Kiu Tau Rd	CR	316	324	332	340	1.39	39.02	17.42	0.00	23.63	15.35	2.32	0.86	100.00	39.0%
92	Ming Yin Road WB	Ming Yin Rd	Kiu Tau Rd	CS	160	163	166	169	1.00	28.02	12.51	0.00	32.68	21.23	3.32	1.23	100.00	53.9%
93		Ming Yin Rd	Wah Ming Rd	CT	160	163	166	169	1.00	28.02	12.51	0.00	32.68	21.23	3.32	1.23	100.00	53.9%
94		Ming Yin Rd	Wah Ming Rd	CU	160	163	166	169	1.00	28.02	12.51	0.00	32.68	21.23	3.32	1.23	100.00	53.9%
95	Kiu Tau Road EB	Kiu Tau Rd	Tai Wo Service Rd	CV	316	324	332	340	1.39	39.02	17.42	0.00	23.63	15.35	2.32	0.86	100.00	39.0%
96	Kiu Tau Road WB	Tai Wo Service Rd	Kiu Tau Rd	CW	160	163	166	169	1.00	28.02	12.51	0.00	32.68	21.23	3.32	1.23	100.00	53.9%





