

Improvements to San Tin Interchange Environmental Monitoring and Audit - Noise Monitoring Results

Normal Daytime Hours

(0700 to 1900 hours on any day not being a Sunday or general holiday)

Monitoring Location	Date of Monitoring	Monitoring Period		Weather	Wind Speed, m/s	L _{eq(30min)} dB(A)	L ₁₀ dB(A)	L ₉₀ dB(A)	Major Noise Source(s)
		From	To						
CM1	8-Jun-07	13:51	14:21	Cloudy	0	71	73	68	Traffic noise from San Tin Highway.
	14-Jun-07	9:04	9:34	Cloudy	0	73	75	69	Noise from cicada; traffic noise from San Tin Highway.
	20-Jun-07	14:11	14:41	Sunny	0	70	73	64	Noise from cicada; traffic noise from San Tin Highway.
	26-Jun-07	9:21	9:51	Sunny	0	72	75	67	Noise from cicada; traffic noise from San Tin Highway.
CM2	8-Jun-07	14:35	15:05	Cloudy	0	73	75	68	Crane operation in Slip Road A works area; traffic noise from San Tin Highway.
	14-Jun-07	9:51	10:21	Cloudy	0	73	75	68	Traffic noise from San Tin Highway.
	20-Jun-07	14:51	15:21	Sunny	0	72	74	67	Traffic noise from San Tin Highway.
	26-Jun-07	10:11	10:41	Sunny	0	71	74	66	Traffic noise from San Tin Highway.
CM3	9-Jun-07	9:16	9:46	Sunny	0	62	62	51	Vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.
	14-Jun-07	10:43	11:13	Cloudy	0	67	69	51	Excavation in M5 works area in the South Division; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.
	20-Jun-07	15:42	16:12	Sunny	0	63	64	51	Excavation in M5 works area in the South Division; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.
	26-Jun-07	10:58	11:28	Sunny	0	67	66	51	Excavation in M5 works area in the South Division; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.

Remarks: (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.

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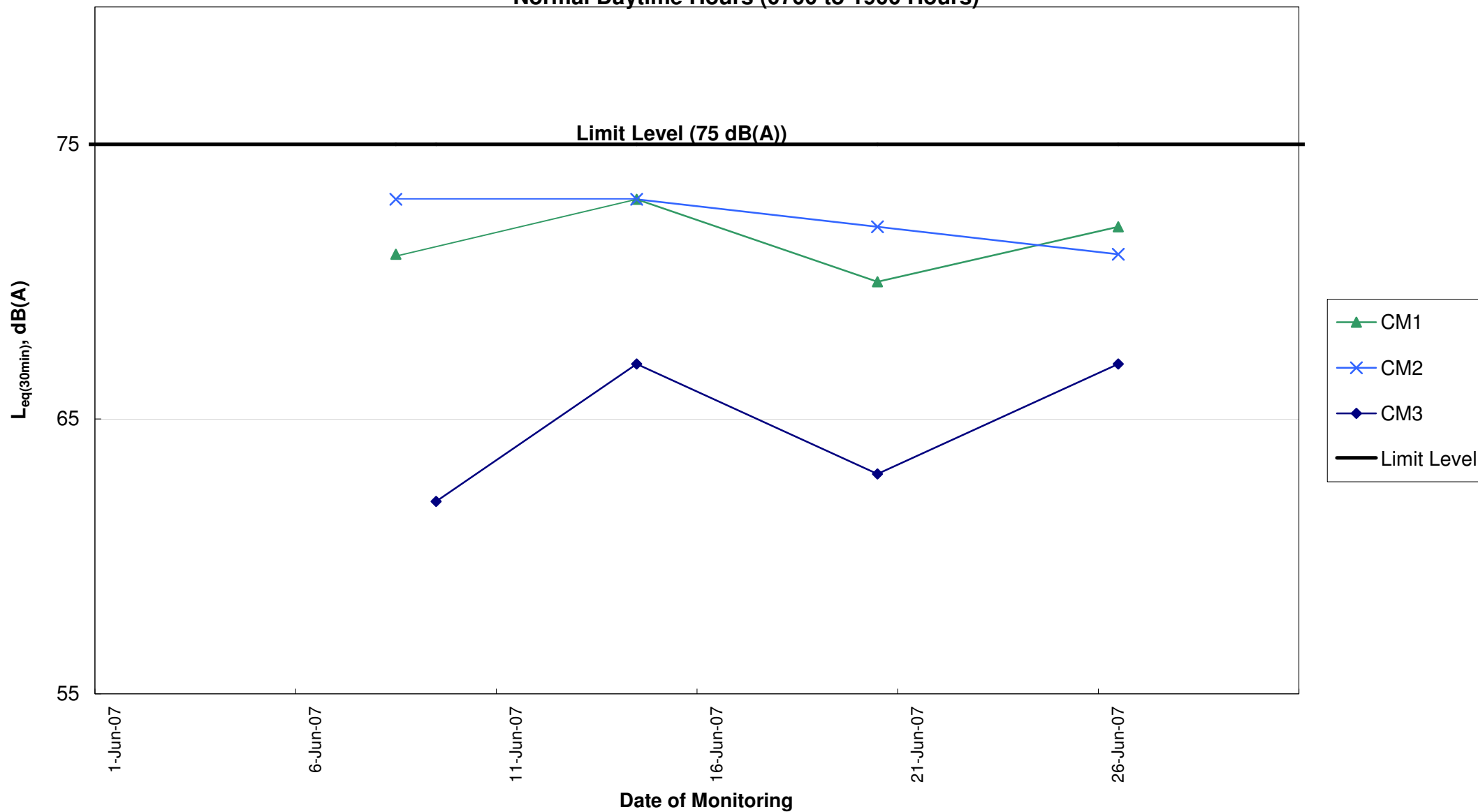
Restricted Hours

General holidays (including Sundays) during the day-time and evening (0700 to 2300 hours)

Monitoring Location	Date of Monitoring	Monitoring Period		Weather	Wind Speed, m/s	L _{eq(15min)} dB(A)	L ₁₀ dB(A)	L ₉₀ dB(A)	Major Noise Source(s)
		From	To						
CM1	3-Jun-07	9:20	9:35	Sunny	0	64	66	62	Woods cutting at South Abutment works area in N1 Division; traffic noise from San Tin Highway.
CM2	3-Jun-07	9:53	10:08	Sunny	0	<u>69</u>	71	63	Woods cutting at South Abutment works area in N1 Division; traffic noise from San Tin Highway.
CM3	3-Jun-07	10:29	10:44	Sunny	0	60	58	52	Woods cutting at South Abutment works area in N1 Division; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.

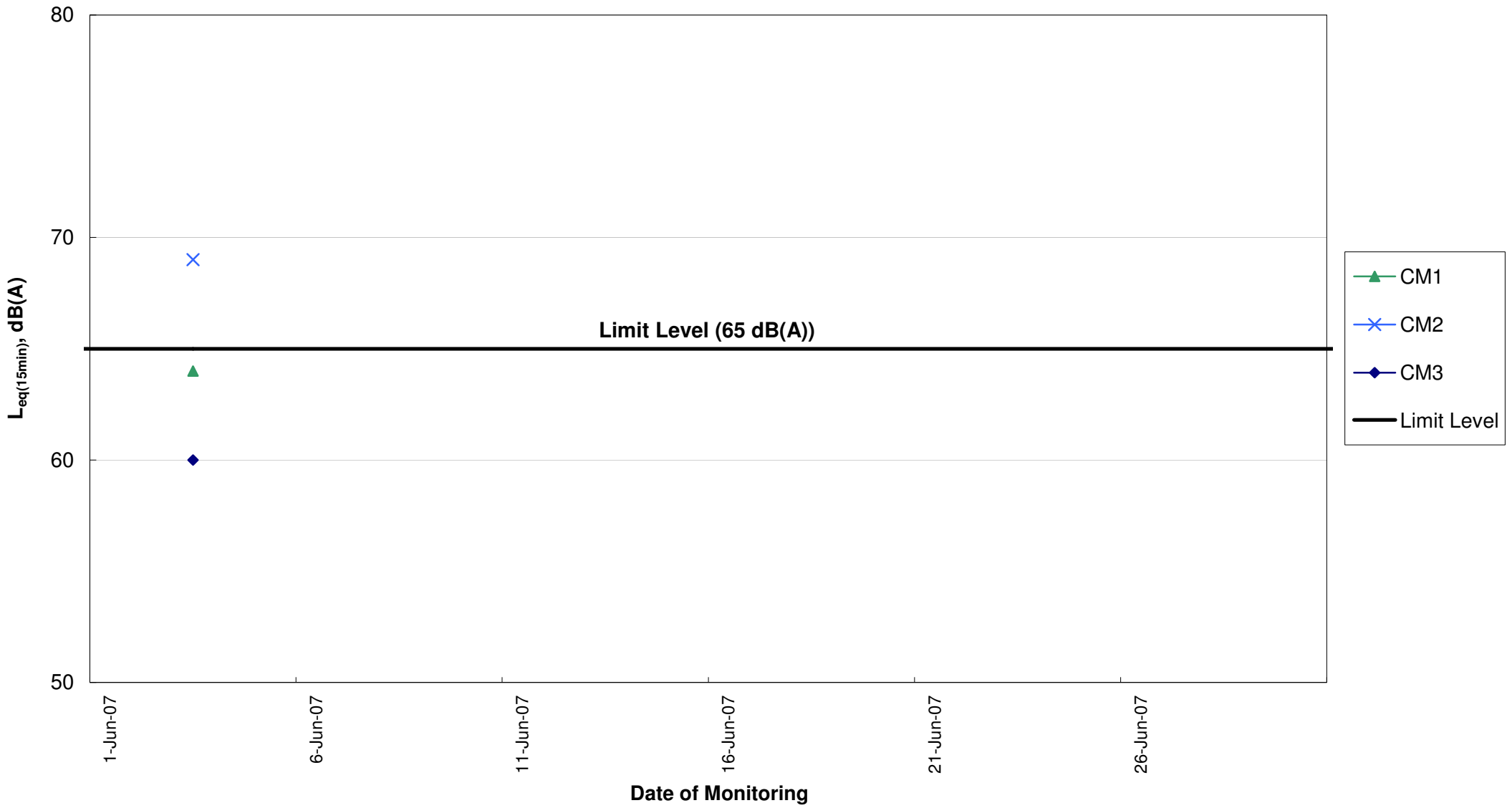
Remarks: (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.
(ii) Underlined figure indicates an exceedance of the Limit Level of 65dB(A).

**Noise Monitoring Results of Monitoring Stations CM1, CM2 & CM3
Normal Daytime Hours (0700 to 1900 Hours)**



Note: (1) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.

Noise Monitoring Results of Monitoring Stations CM1, CM2 & CM3
Restricted Hours (All days during 1900 to 2300 hours, and general holidays (including Sundays) during 0700 to 2300 hours)



Note: (1) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.