

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	5-Mar-07	9:19	9:49	Sunny	0	67	69	64	Traffic noise from San Tin Highway.
	16-Mar-07	13:52	14:22	Sunny	0	66	68	63	Traffic noise from San Tin Highway.
	22-Mar-07	9:12	9:42	Cloudy	0	67	69	64	Traffic noise from San Tin Highway.
	28-Mar-07	9:11	9:41	Sunny	0	67	69	65	Traffic noise from San Tin Highway.
CM2	5-Mar-07	10:04	10:34	Sunny	0	71	74	67	Traffic noise from San Tin Highway.
	16-Mar-07	14:39	15:09	Sunny	0	71	74	65	Traffic noise from San Tin Highway.
	22-Mar-07	9:58	10:28	Cloudy	0	71	74	66	Traffic noise from San Tin Highway.
	28-Mar-07	9:55	10:25	Sunny	0	72	74	67	Concrete breaking in the Slip Road A works area; traffic noise from San Tin Highway.
CM3	5-Mar-07	10:55	11:25	Sunny	0	71	66	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.
	16-Mar-07	15:27	15:57	Sunny	0	68	67	51	Dogs barking; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.
	22-Mar-07	10:53	11:23	Cloudy	0	65	64	51	Excavation in M5 works area in the South Division; dogs barking; vehicle pass-by noise from the access road to Ki Lun Tsuen; vehicle idling noise during giving-way in front of the monitoring location.
	28-Mar-07	10:54	11:24	Sunny	0	67	62	51	Dogs barking; 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

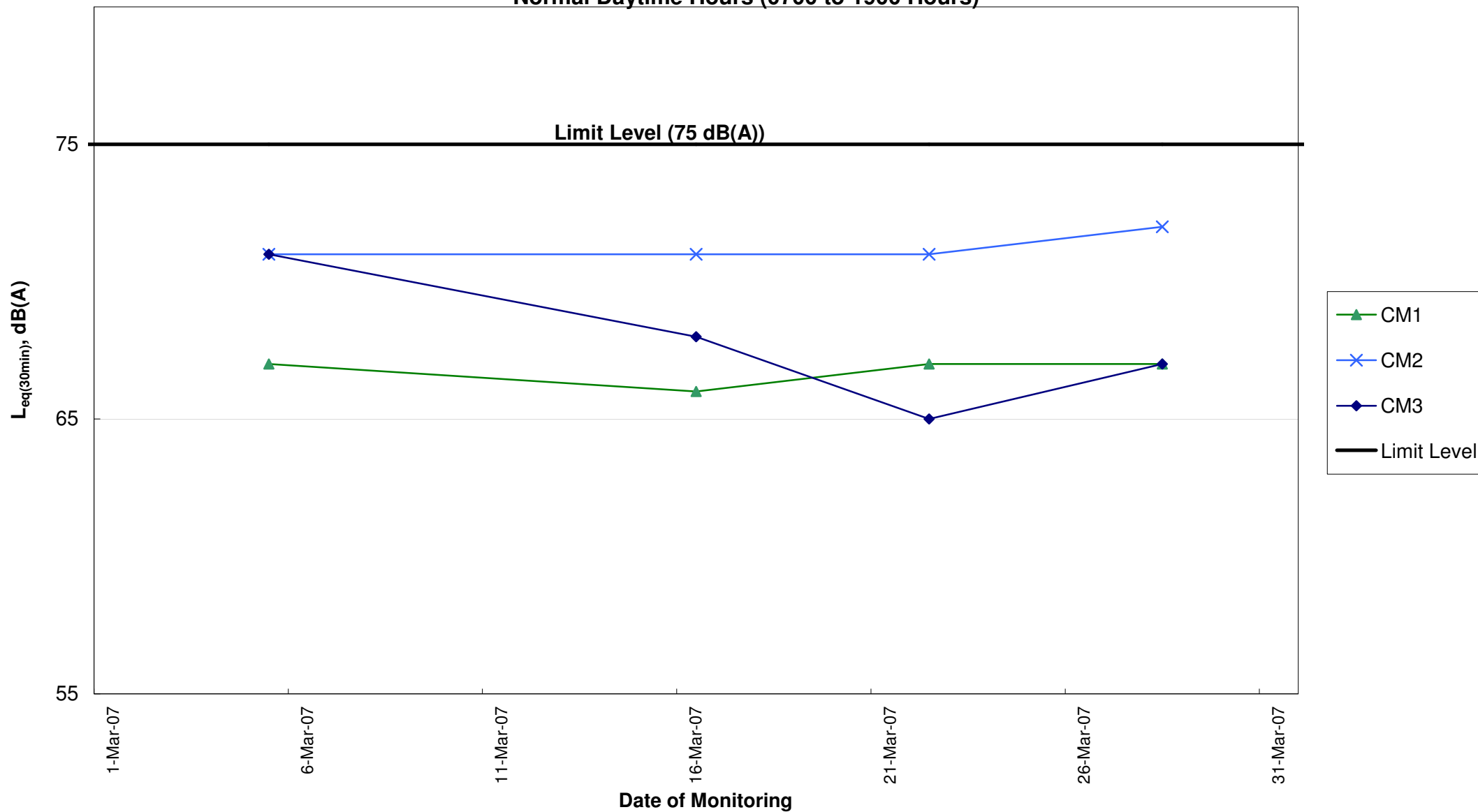
All days during the evening (1900 to 2300 hours), and general holidays (including Sundays) during the day-time and evening (0700 to 2300 hours)

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	4-Mar-07	9:11	9:26	Cloudy	0	64	66	61	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	11-Mar-07	13:20	13:35	Cloudy	0	64	66	61	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	18-Mar-07	9:07	9:22	Cloudy	0	64	65	60	Parapet installation in the N1 Division and N2 Division; traffic noise from San Tin Highway.
	25-Mar-07	13:20	13:35	Fine	0	62	65	61	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
CM2	4-Mar-07	9:41	9:56	Cloudy	0	<u>70</u>	73	63	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	11-Mar-07	13:50	14:05	Cloudy	0	<u>68</u>	72	65	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	18-Mar-07	9:40	9:55	Cloudy	0	<u>70</u>	73	65	Parapet installation in the N1 Division and N2 Division; traffic noise from San Tin Highway.
	25-Mar-07	13:45	14:00	Fine	0	<u>69</u>	72	66	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
CM3	4-Mar-07	10:12	10:27	Cloudy	0	62	58	51	Parapet installation in the 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.
	11-Mar-07	14:16	14:31	Cloudy	0	62	61	51	Parapet installation in the 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.
	18-Mar-07	10:06	10:21	Cloudy	0	54	57	52	Parapet installation in the N1 Division and N2 Division; vehicle pass-by noise from the access road to Ki Lun Tsuen.
	25-Mar-07	14:16	14:31	Fine	0	55	56	49	Parapet installation in the 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:

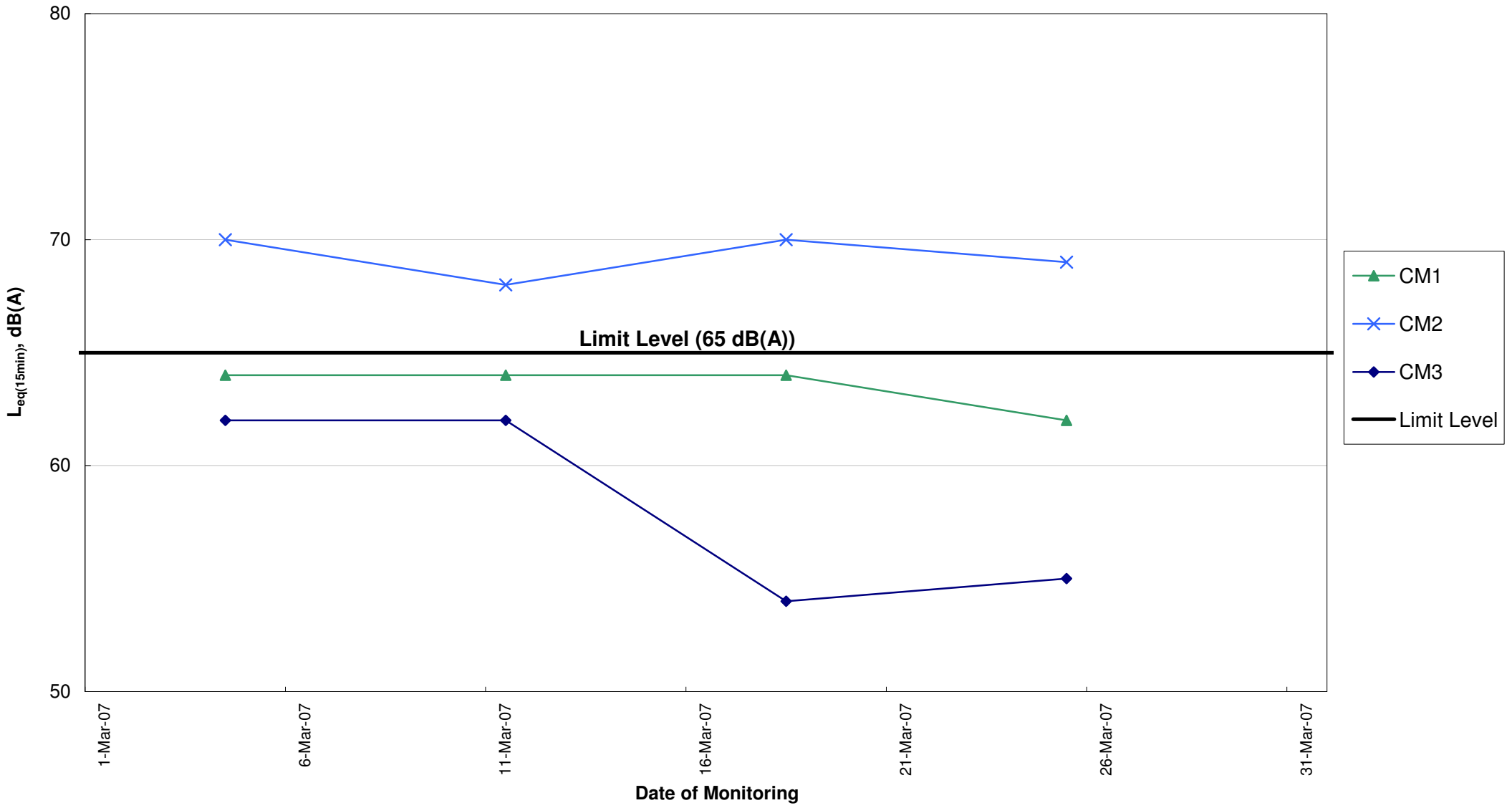
- (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.
- (ii) Underlined figure indicates an exceedance of the Limit Level of 65dB(A).

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.