

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	9-Feb-07	9:14	9:44	Cloudy	0	68	69	65	Traffic noise from San Tin Highway.
	13-Feb-07	9:16	9:46	Cloudy	0	67	69	65	Traffic noise from San Tin Highway.
	24-Feb-07	9:12	9:42	Cloudy	0	66	68	62	Traffic noise from San Tin Highway.
	27-Feb-07	9:00	9:30	Sunny	0	68	70	64	Excavation in Slip Road A works area; traffic noise from San Tin Highway.
CM2	9-Feb-07	9:56	10:26	Cloudy	0	72	75	68	Traffic noise from San Tin Highway.
	13-Feb-07	9:59	10:29	Cloudy	0	71	74	67	Traffic noise from San Tin Highway.
	24-Feb-07	9:55	10:25	Cloudy	0	70	73	63	Traffic noise from San Tin Highway.
	27-Feb-07	9:45	10:15	Sunny	0	71	74	66	Excavation in Slip Road A works area; traffic noise from San Tin Highway.
CM3	9-Feb-07	10:44	11:14	Cloudy	0	62	59	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.
	13-Feb-07	10:47	11:17	Cloudy	0	64	61	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.
	24-Feb-07	10:44	11:14	Cloudy	0	67	60	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.
	27-Feb-07	10:38	11:08	Sunny	0	62	60	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.

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

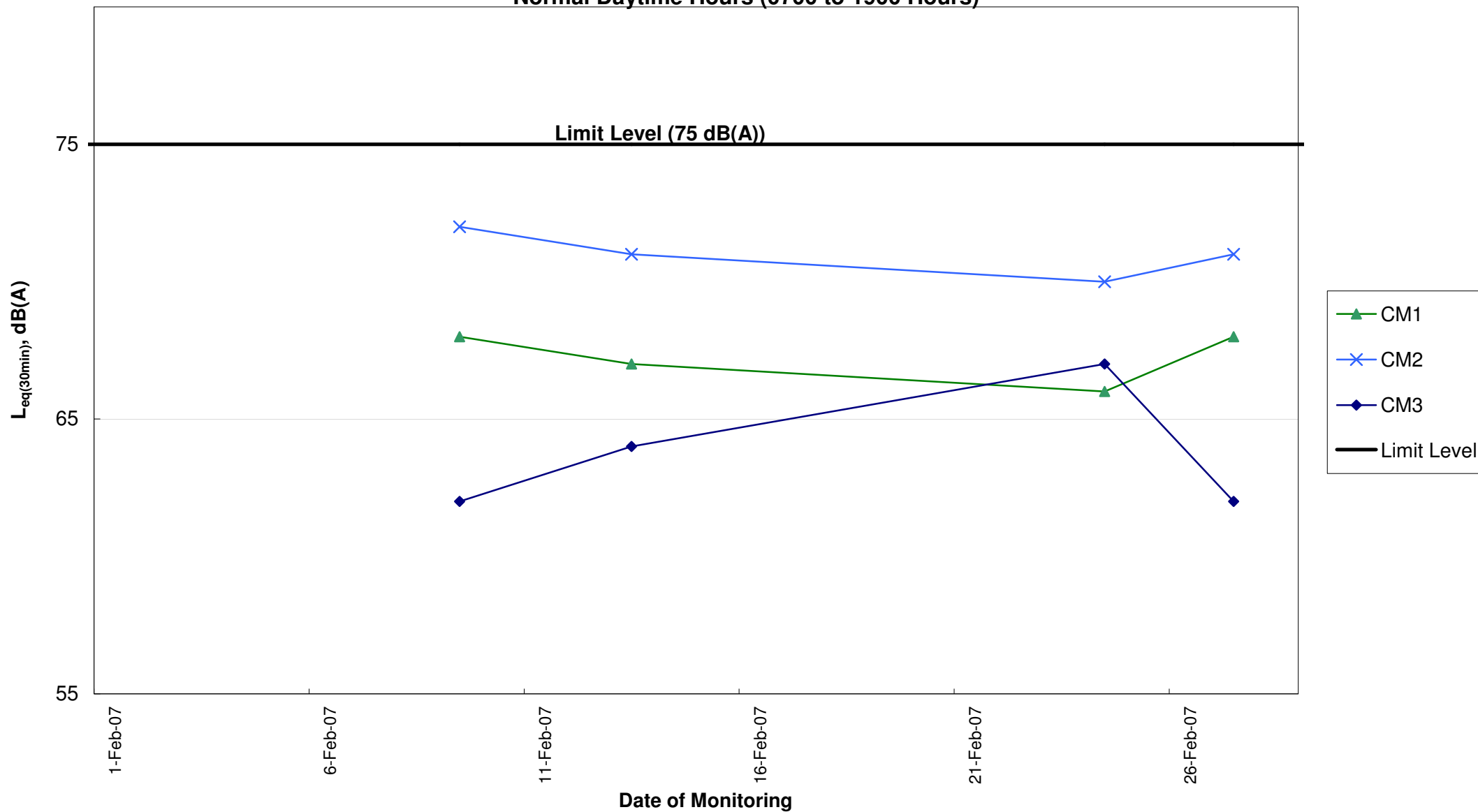
All days during the evening (1900 to 2300 hours), and general holidays (including Sundays) during the day-time and evening (0700 to 2300 hours)

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-Feb-07	10:10	10:25	Sunny	0	64	66	61	Crane operation at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	11-Feb-07	9:02	9:17	Cloudy	0	64	66	61	Crane operation and wood cutting at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	25-Feb-07	13:05	13:20	Cloudy	0	63	67	60	Crane operation at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM2	4-Feb-07	10:42	10:57	Sunny	0	<u>70</u>	73	66	Crane operation at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	11-Feb-07	9:34	9:49	Cloudy	0	<u>71</u>	74	65	Crane operation and wood cutting at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	25-Feb-07	13:40	13:55	Cloudy	0	<u>68</u>	73	66	Crane operation at N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM3	4-Feb-07	11:16	11:31	Sunny	0	61	59	53	Crane operation at N1 open lay-down area 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-Feb-07	10:01	10:16	Cloudy	0	58	58	52	Crane operation and wood cutting at N1 Open lay-down area 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.
	25-Feb-07	14:12	14:27	Cloudy	0	58	60	54	Crane operation at N1 open lay-down area 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:

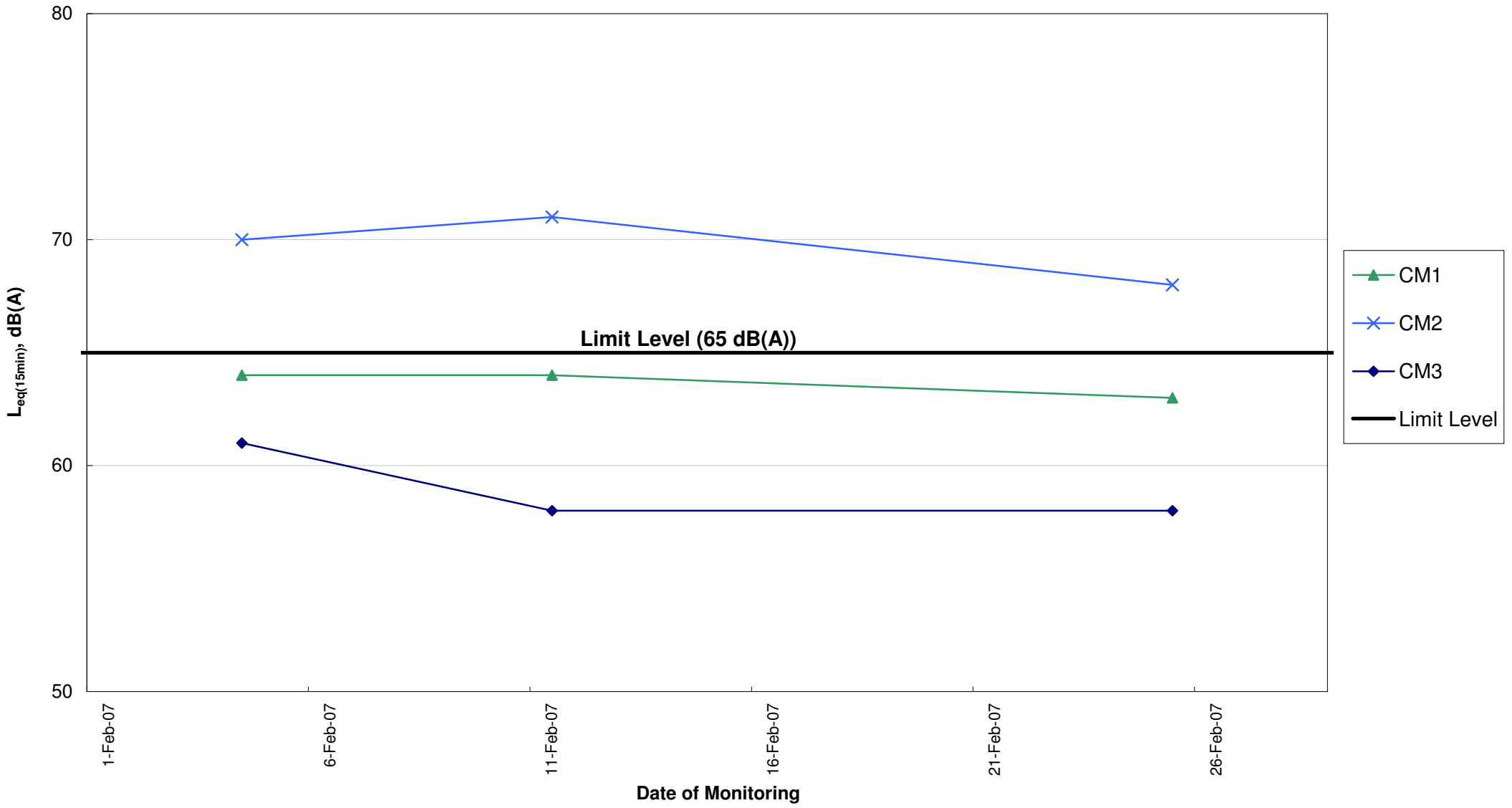
- (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.
- (ii) Underlined figure indicates an exceedance of the Limit Level of 65dB(A).

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.