

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	16-Jan-08	10:00	10:30	Sunny	0	66	67	62	Traffic noise from San Tin Highway.
	28-Jan-08	13:05	13:35	Fine	0	65	67	62	Traffic noise from San Tin Highway.
CM2	16-Jan-08	10:45	11:15	Sunny	0	74	76	68	Traffic noise from San Tin Highway.
	28-Jan-08	14:00	14:30	Fine	0	73	76	68	Traffic noise from San Tin Highway.
CM3	16-Jan-08	11:35	12:05	Sunny	0	54	56	50	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-Jan-08	14:55	15:25	Fine	0	56	57	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: (1) CM2 is a non-façade measurement location. A positive correction of 3 dB(A) has been applied to the measured noise level according to EPD's guideline.

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Restricted Hours

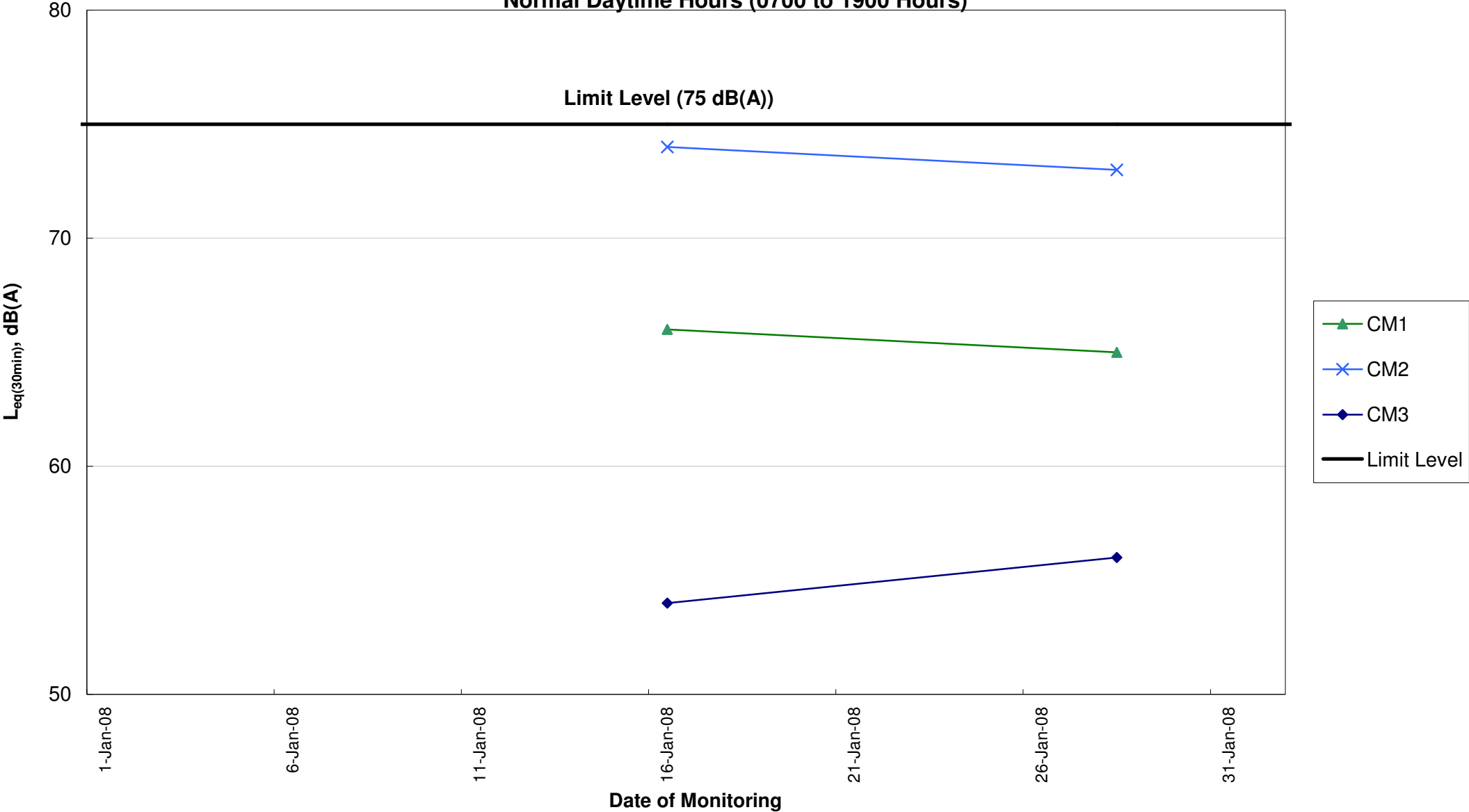
Night-time (2300 to 0700 hours)

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	11-Jan-08	-	-	Fine	0	*	*	*	
CM2	11-Jan-08	0:43	0:58	Fine	<5	<u>71</u>	74	66	Traffic noise from San Tin Highway.
CM3	11-Jan-08	0:04	0:19	Fine	<5	49	50	43	Traffic noise from San Tin Highway.

Remarks:

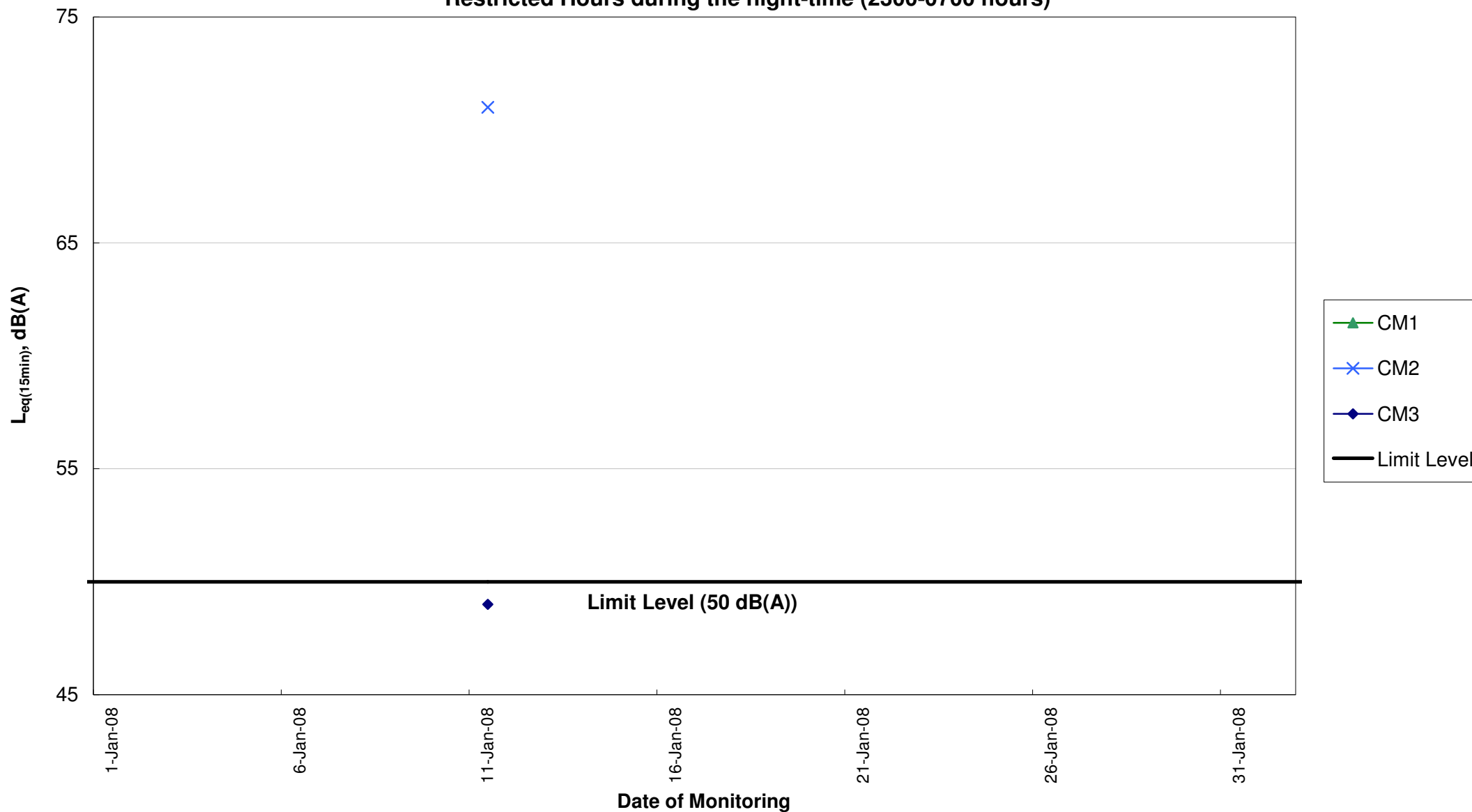
- (1) CM2 is a non-façade measurement location. A positive correction of 3 dB(A) has been applied to the measured noise level according to EPD's guideline.
- (2) * Noise measurement at CM1 was cancelled due to the unsafe condition at the time (stray dogs constantly barking at the monitoring location, and staff could be attacked).
- (3) Underlined figure indicates an exceedance of the Limit Level of 50 dB(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 during the night-time (2300-0700 hours)



Notes: (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.
(2) Noise measurement at CM1 was cancelled due to the unsafe condition at the time (stray dogs constantly barking at the monitoring location, and staff could be attacked).