

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	6-Dec-06	9:16	9:46	Sunny	0	67	69	64	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	12-Dec-06	9:22	9:52	Fine	0	66	68	63	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	18-Dec-06	9:04	9:34	Sunny	0	67	69	65	Traffic noise from San Tin Highway.
	28-Dec-06	9:07	9:37	Sunny	0	68	69	65	Traffic noise from San Tin Highway.
CM2	6-Dec-06	9:59	10:29	Sunny	0	72	74	67	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	12-Dec-06	10:06	10:36	Fine	0	71	74	66	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	18-Dec-06	9:49	10:19	Sunny	0	72	75	66	Traffic noise from San Tin Highway.
	28-Dec-06	9:52	10:22	Sunny	0	72	75	67	Traffic noise from San Tin Highway.
CM3	6-Dec-06	10:51	11:21	Sunny	0	68	59	51	Excavation in the 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.
	12-Dec-06	10:56	11:26	Fine	0	63	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.
	18-Dec-06	10:42	11:12	Sunny	0	65	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.
	28-Dec-06	10:45	11:15	Sunny	0	64	66	51	Excavation in the 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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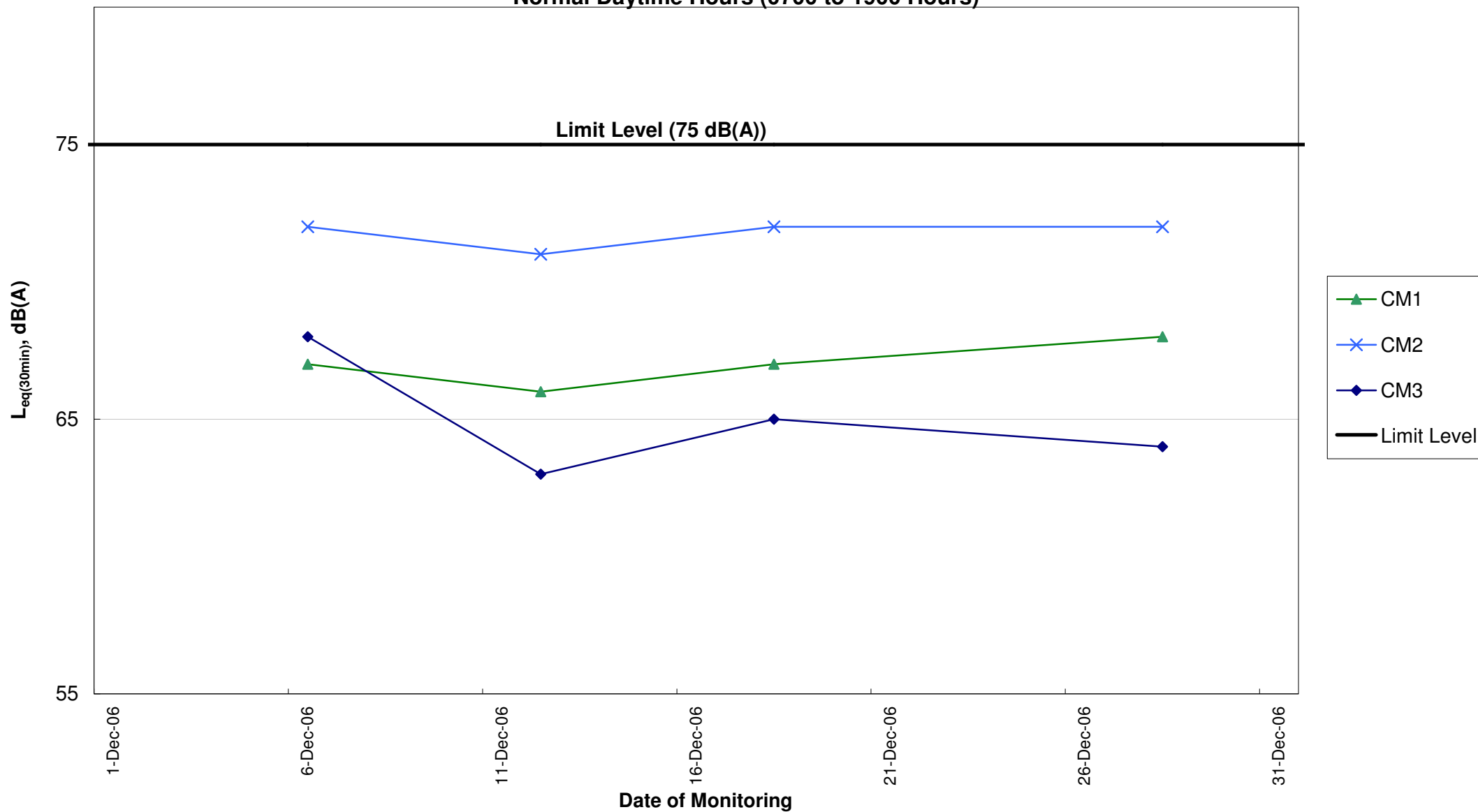
Restricted Hours

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	3-Dec-06	10:23	10:38	Sunny	0	64	66	60	Excavation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	17-Dec-06	13:11	13:26	Fine	0	62	65	59	Excavation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	24-Dec-06	10:40	10:55	Sunny	0	65	67	60	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	31-Dec-06	10:36	10:51	Sunny	0	64	66	60	Crane operation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM2	3-Dec-06	10:54	11:09	Sunny	0	<u>69</u>	72	62	Excavation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	17-Dec-06	13:50	14:05	Fine	0	<u>67</u>	71	62	Excavation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	24-Dec-06	11:08	11:23	Sunny	0	<u>71</u>	74	65	Parapet installation in the N1 Division; traffic noise from San Tin Highway.
	31-Dec-06	11:05	11:20	Sunny	0	<u>71</u>	74	65	Crane operation at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM3	3-Dec-06	11:25	11:40	Sunny	0	59	60	54	Excavation 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.
	17-Dec-06	14:22	14:37	Fine	0	58	60	53	Excavation 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.
	24-Dec-06	11:38	11:53	Sunny	0	60	60	54	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.
	31-Dec-06	11:33	11:48	Sunny	0	59	60	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.

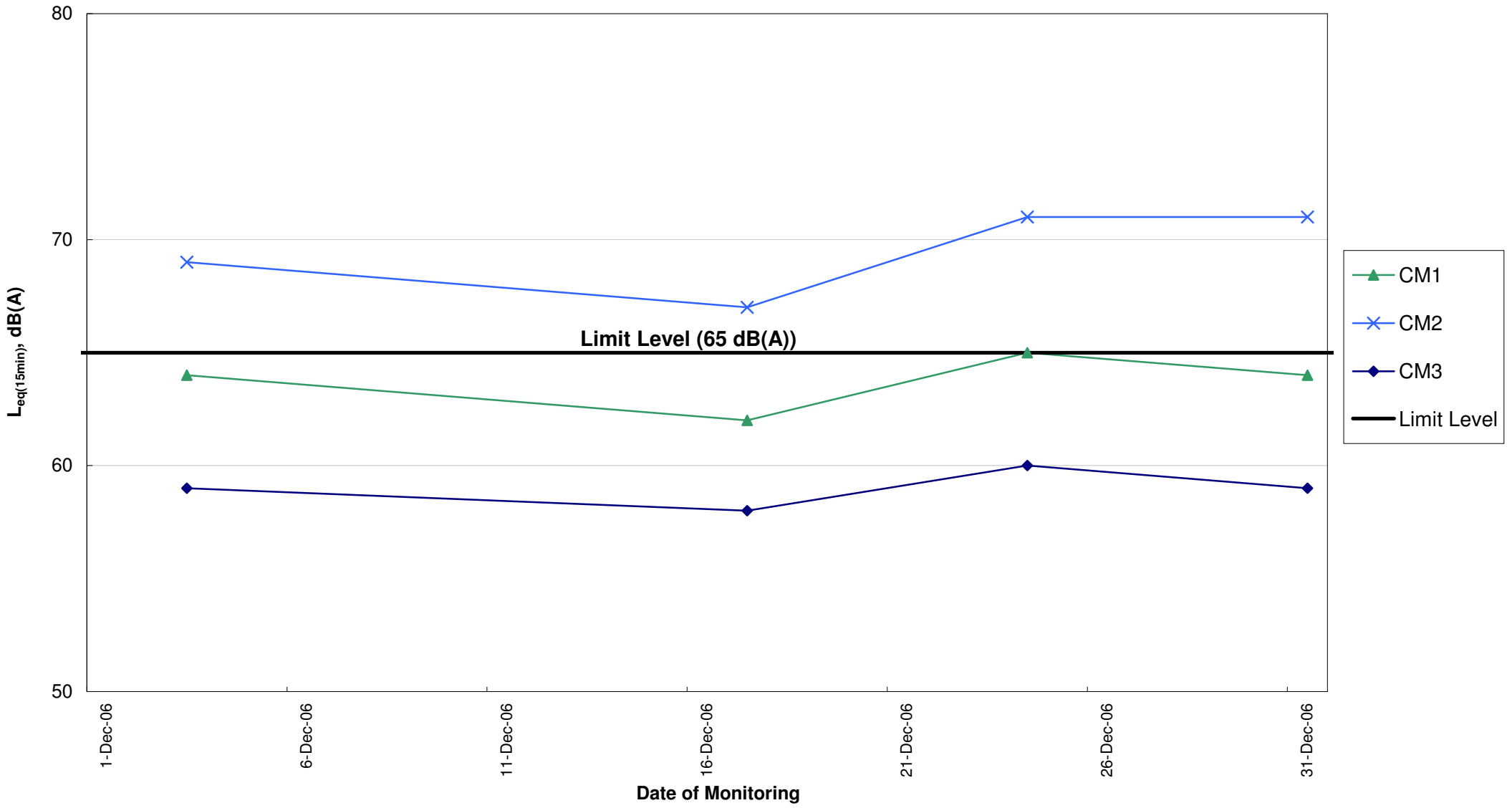
- Remarks:
- (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.
 - (ii) Underlined figure indicates an exceedance of the Limit Level of 65dB(A).

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.