

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 <sub>eq(30min)</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Major Noise Source(s)
		From	To						
CM1	09-Nov-06	09:27	09:57	Sunny	0	67	69	64	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	14-Nov-06	09:31	10:01	Sunny	0	67	69	64	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	20-Nov-06	09:34	10:04	Cloudy	0	67	69	64	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	30-Nov-06	09:10	09:40	Cloudy	0	67	69	65	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
CM2	09-Nov-06	10:10	10:40	Sunny	0	71	74	66	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	14-Nov-06	10:14	10:44	Sunny	0	73	75	68	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	20-Nov-06	10:16	10:46	Cloudy	0	71	74	66	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
	30-Nov-06	09:53	10:23	Cloudy	0	73	75	68	Excavation on Slip Road A works area; traffic noise from San Tin Highway.
CM3	09-Nov-06	10:59	11:29	Sunny	0	63	59	51	Crane and mobile crane operation 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 and machinery noise from the car maintenance workshop in the vicinity.
	14-Nov-06	11:02	11:32	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 and machinery noise from the car maintenance workshop in the vicinity.
	20-Nov-06	11:03	11:33	Cloudy	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 and machinery noise from the car maintenance workshop in the vicinity.
	30-Nov-06	10:42	11:12	Cloudy	0	64	64	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.

**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 <sub>eq(15min)</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Major Noise Source(s)
		From	To						
CM1	05-Nov-06	13:09	13:24	Sunny	0	64	66	60	Wood cutting in the N2 works area; traffic noise from San Tin Highway.
	12-Nov-06	14:05	14:20	Sunny	0	63	65	59	Wood cutting at the N1 works area; traffic noise from San Tin Highway.
	13-Nov-06	22:40	22:55	Fine	0	63	65	59	Sign gantry installation on the Kwu Tung Road near the M1 works area in South Division; traffic noise from San Tin Highway.
	19-Nov-06	10:02	10:17	Cloudy	0	65	67	60	Wood cutting at the N1 works area; traffic noise from San Tin Highway.
	26-Nov-06	09:20	09:35	Cloudy	0	63	66	61	Dismantling works of in-situ segment platform at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM2	05-Nov-06	13:37	13:52	Sunny	0	<u>70</u>	73	63	Wood cutting in the N2 works area; traffic noise from San Tin Highway.
	12-Nov-06	14:40	14:55	Sunny	0	<u>69</u>	72	66	Wood cutting at the N1 works area; traffic noise from San Tin Highway.
	13-Nov-06	22:09	22:24	Fine	0	<u>70</u>	73	63	Sign gantry installation on the Kwu Tung Road near the M1 works area in South Division; traffic noise from San Tin Highway.
	19-Nov-06	10:29	10:44	Cloudy	0	<u>70</u>	73	63	Wood cutting at the N1 works area; traffic noise from San Tin Highway.
	26-Nov-06	09:55	10:10	Cloudy	0	<u>69</u>	72	67	Dismantling works of in-situ segment platform at N1 Open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM3	05-Nov-06	14:06	14:21	Sunny	0	59	59	54	Wood cutting in the N2 works area; 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-Nov-06	15:12	15:27	Sunny	0	59	61	53	Wood cutting at the N1 works area; 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-Nov-06	21:37	21:52	Fine	0	59	59	54	Sign gantry installation on the Kwu Tung Road near the M1 works area in 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.
	19-Nov-06	11:05	11:20	Cloudy	0	60	62	56	Wood cutting at the N1 works area; 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-Nov-06	10:30	10:45	Cloudy	0	60	63	56	Dismantling works of in-situ segment platform 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).

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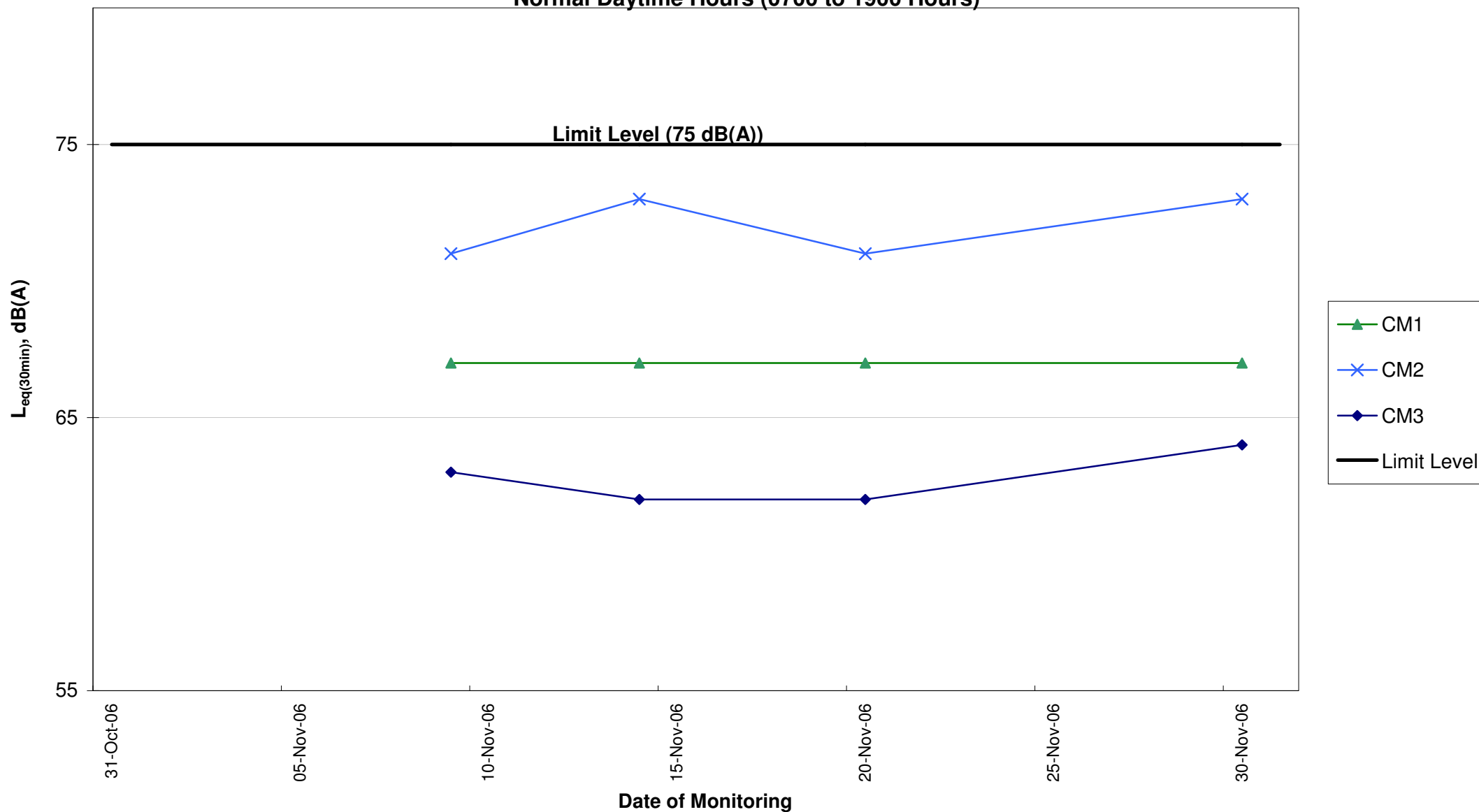
**Restricted Hours**

All days during the night-time (2300 to 0700 hours)

Monitoring Location	Date of Monitoring	Monitoring Period		Weather	Wind Speed, m/s	L <sub>eq(15min)</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Major Noise Source(s)
		From	To						
CM1	13-Nov-06	23:00	23:15	Fine	0	<u>63</u>	65	58	Sign gantry installation on the Kwu Tung Road near the M1 works area in South Division; traffic noise from San Tin Highway.
CM2	13-Nov-06	23:31	23:46	Fine	0	<u>69</u>	72	61	Sign gantry installation on the Kwu Tung Road near the M1 works area in South Division; traffic noise from San Tin Highway.
CM3	14-Nov-06	00:03	00:18	Fine	0	<u>55</u>	55	47	Sign gantry installation on the Kwu Tung Road near the M1 works area in 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.

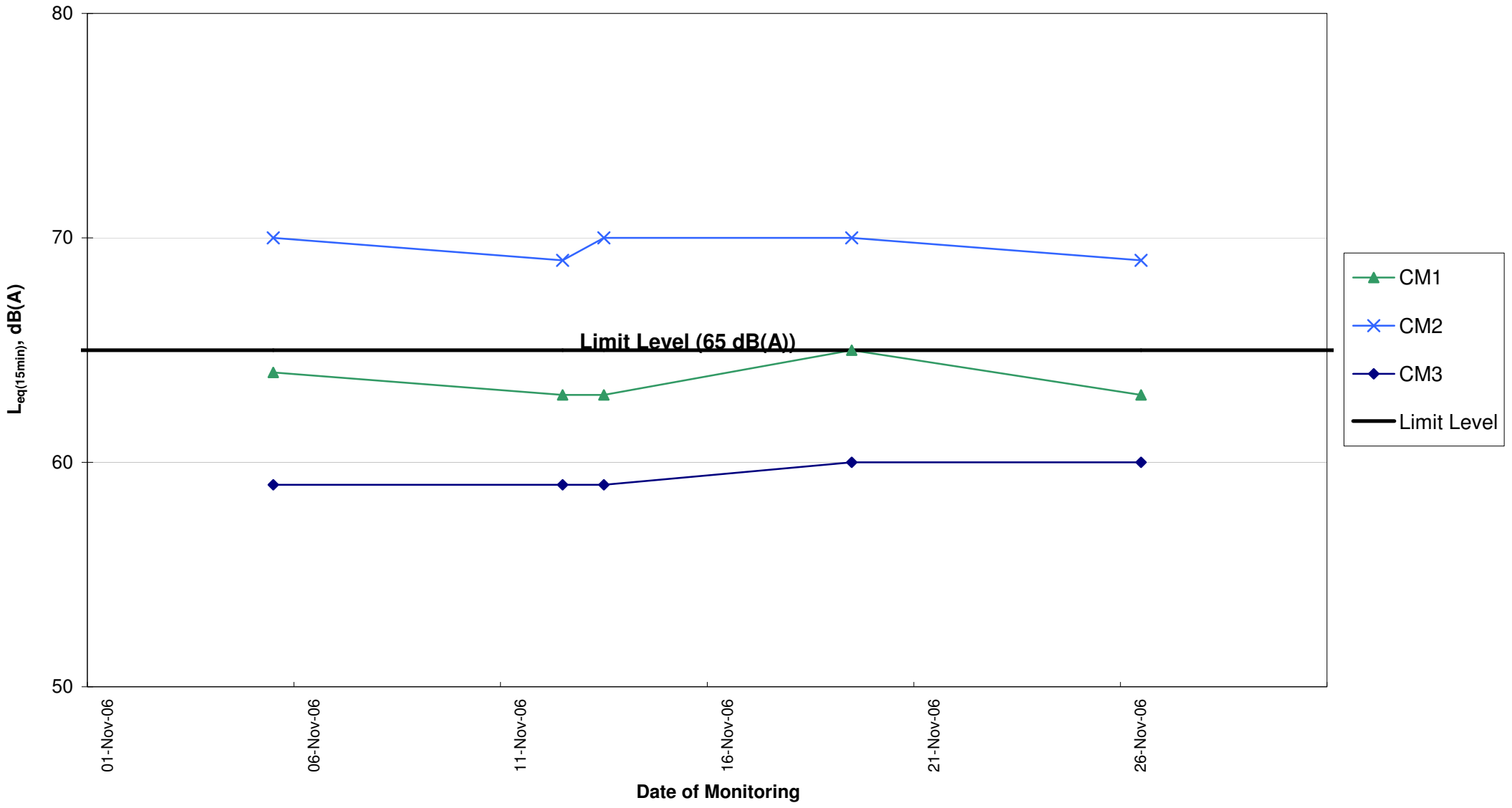
Remarks: (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.  
(ii) Underlined figure indicates an exceedance of the Limit Level of 50dB(A).

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



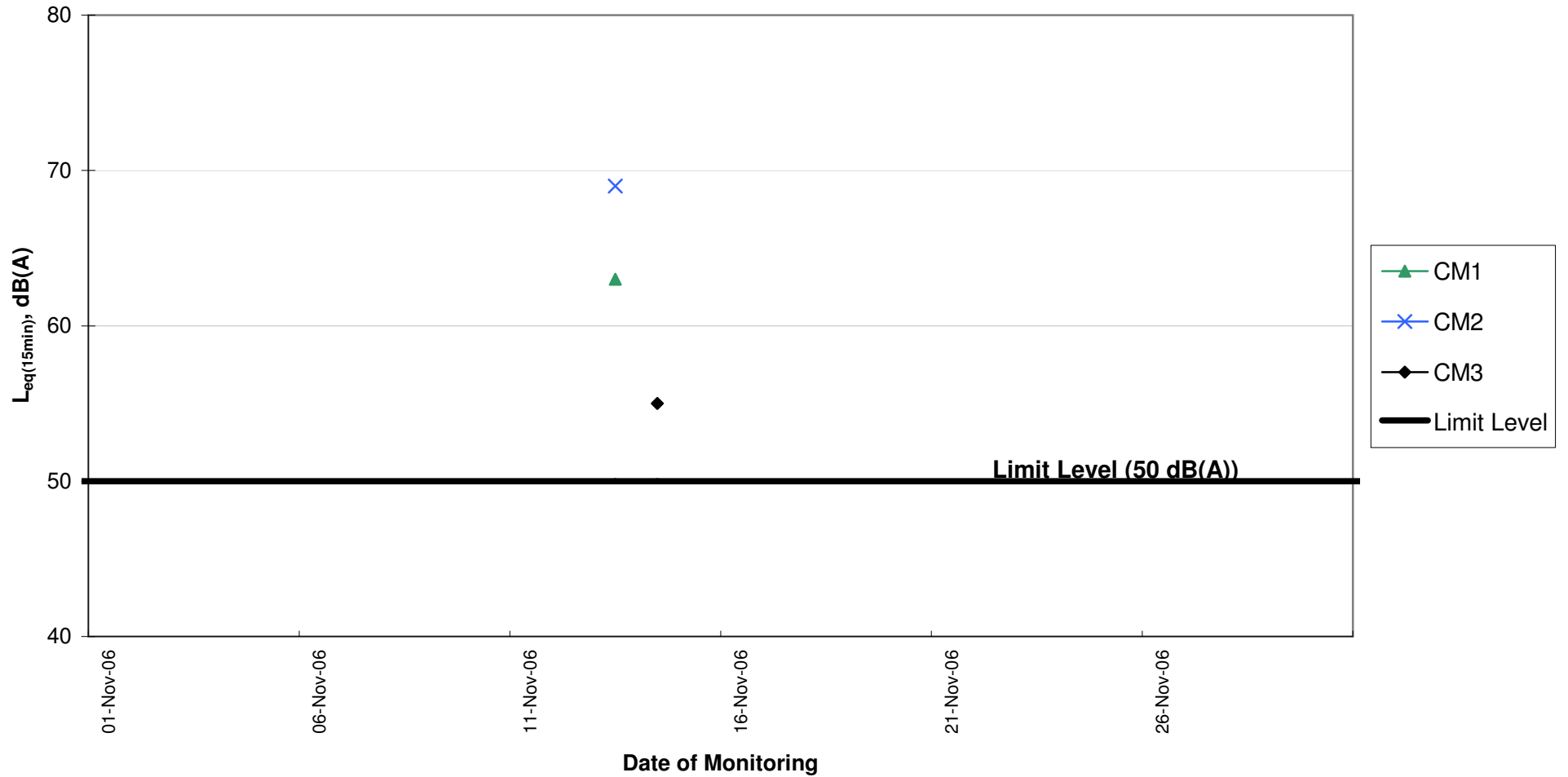
Note: (1) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.

**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.

**Noise Monitoring Results of Monitoring Stations CM1, CM2 & CM3  
Restricted Hours (All days during the nighttime from 2300 to 0700 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.