

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	5-Jan-07	9:13	9:43	Sunny	0	68	69	65	Crane operation in Slip Road A works area; traffic noise from San Tin Highway.
	11-Jan-07	9:12	9:42	Cloudy	0	68	70	65	Traffic noise from San Tin Highway.
	18-Jan-07	9:18	9:48	Cloudy	0	68	70	65	Traffic noise from San Tin Highway.
	23-Jan-07	9:05	9:35	Cloudy	0	68	70	65	Traffic noise from San Tin Highway.
	29-Jan-07	9:18	9:48	Sunny	0	68	70	65	Concrete breaking in Slip Road A works area; traffic noise from San Tin Highway.
CM2	5-Jan-07	9:56	10:26	Sunny	0	72	75	68	Crane operation in Slip Road A works area; traffic noise from San Tin Highway.
	11-Jan-07	9:55	10:25	Cloudy	0	72	74	67	Traffic noise from San Tin Highway.
	18-Jan-07	10:01	10:31	Cloudy	0	73	75	68	Traffic noise from San Tin Highway.
	23-Jan-07	9:49	10:19	Cloudy	0	72	75	67	Traffic noise from San Tin Highway.
	29-Jan-07	10:03	10:33	Sunny	0	72	74	65	Crane operation in Slip Road A works area; traffic noise from San Tin Highway.
CM3	5-Jan-07	10:45	11:15	Sunny	0	69	67	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.
	11-Jan-07	10:44	11:14	Cloudy	0	66	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.
	18-Jan-07	10:54	11:24	Cloudy	0	65	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.
	23-Jan-07	10:37	11:07	Cloudy	0	69	68	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.
	29-Jan-07	10:54	11:24	Sunny	0	66	63	51	Excavation in 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.

Improvements to San Tin Interchange Environmental Monitoring and Audit - Noise Monitoring Results

**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	7-Jan-07	10:05	10:20	Sunny	0	63	66	59	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	11-Jan-07	22:37	22:52	Fine	0	64	66	60	Sign gantry installation on San Tin Highway; dogs barking; traffic noise from San Tin Highway.
	14-Jan-07	8:46	9:01	Cloudy	0	64	66	62	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	21-Jan-07	13:12	13:27	Cloudy	0	64	66	61	Cement grouting works in Slip Road F works area in N2 Division; traffic noise from San Tin Highway.
	24-Jan-07	22:41	22:56	Fine	0	<u>66</u>	68	61	Sign gantry installation on San Tin Highway; dogs barking; traffic noise from San Tin Highway.
	28-Jan-07	8:56	9:11	Sunny	0	64	66	61	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
CM2	7-Jan-07	10:40	10:55	Sunny	0	<u>69</u>	72	66	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	11-Jan-07	22:05	22:20	Fine	0	<u>73</u>	76	64	Sign gantry installation on San Tin Highway; dogs barking; traffic noise from San Tin Highway.
	14-Jan-07	9:17	9:32	Cloudy	0	<u>71</u>	74	67	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.
	21-Jan-07	13:45	14:00	Drizzle	0	<u>71</u>	74	68	Cement grouting works in Slip Road F works area in N2 Division; traffic noise from San Tin Highway.
	24-Jan-07	22:09	22:24	Fine	0	<u>72</u>	75	64	Sign gantry installation on San Tin Highway; dogs barking; traffic noise from San Tin Highway.
	28-Jan-07	9:29	9:44	Sunny	0	<u>71</u>	74	66	Crane operation in N1 open lay-down area in the N1 Division; traffic noise from San Tin Highway.

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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 <sub>eq(15min)</sub> dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Major Noise Source(s)
		From	To						
CM3	7-Jan-07	11:20	11:35	Sunny	0	59	62	53	Crane operation in 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-Jan-07	21:33	21:48	Fine	0	54	57	49	Sign gantry installation on San Tin Highway; vehicle pass-by noise from the access road to Ki Lun Tsuen.
	14-Jan-07	9:43	9:58	Cloudy	0	62	59	52	Woods cutting in M2 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.
	21-Jan-07	14:18	14:33	Drizzle	0	63	63	57	Cement grouting works in Slip Road F works area in N2 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-Jan-07	21:36	21:51	Fine	0	56	58	51	Sign gantry installation on Fanling Highway; vehicle pass-by noise from the access road to Ki Lun Tsuen.
	28-Jan-07	9:54	10:09	Sunny	0	61	62	53	Crane operation in 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**

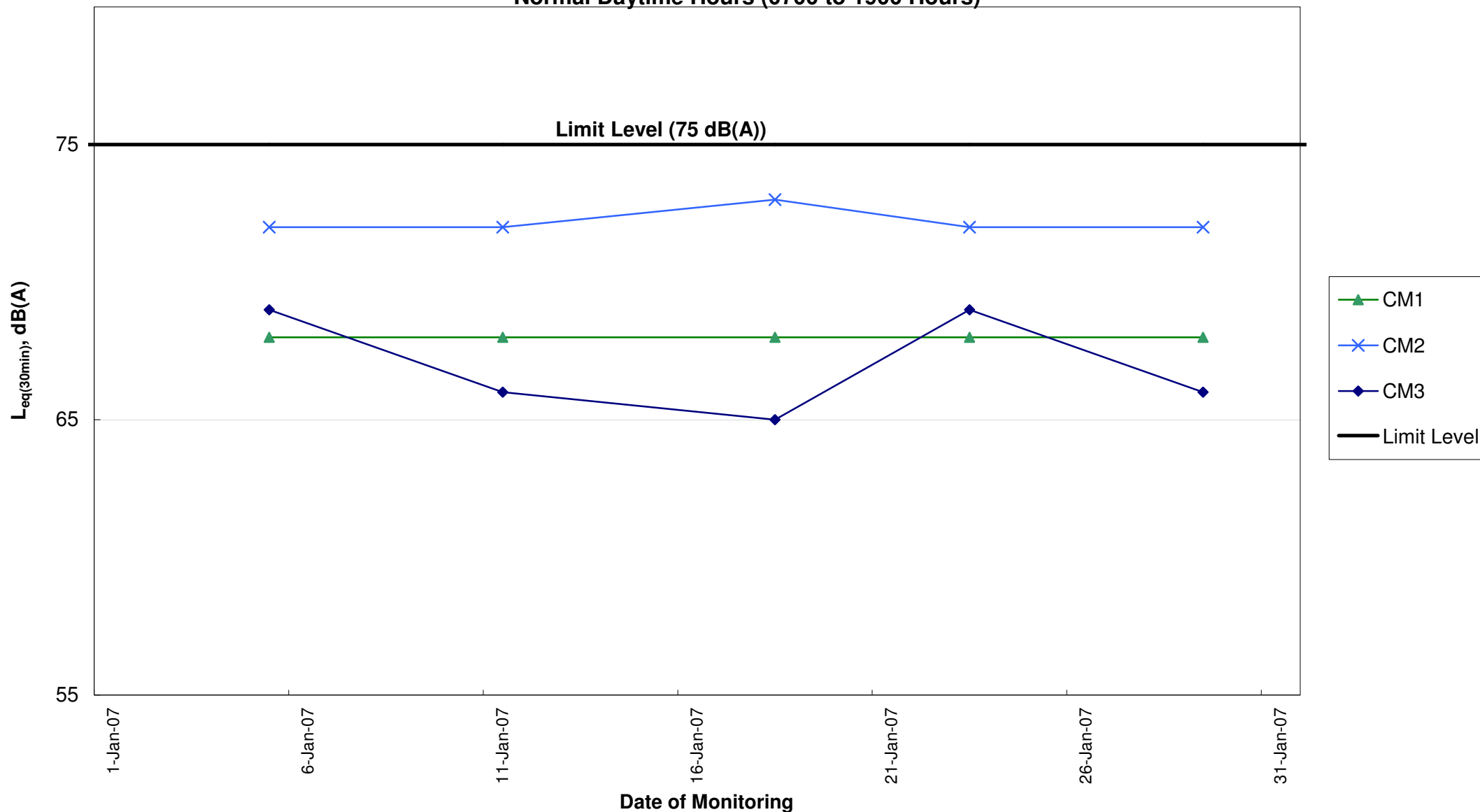
**All days during the night-time (2300 to 0700 hours)**

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	11-Jan-07	23:00	23:15	Fine	0	<u>64</u>	66	60	Sign gantry installation on San Tin Highway; traffic noise from San Tin Highway.
	24-Jan-07	23:00	23:15	Fine	0	<u>67</u>	70	61	Sign gantry installation on San Tin Highway; dogs barking; traffic noise from San Tin Highway.
CM2	11-Jan-07	23:32	23:47	Fine	0	<u>69</u>	72	60	Sign gantry installation on San Tin Highway; traffic noise from San Tin Highway.
	24-Jan-07	23:34	23:49	Fine	0	<u>70</u>	74	62	Sign gantry installation on San Tin Highway; traffic noise from San Tin Highway.
CM3	12-Jan-07	0:06	0:21	Fine	0	<u>60</u>	59	48	Sign gantry installation on San Tin Highway; vehicle pass-by noise from the access road to Ki Lun Tsuen.
	25-Jan-07	0:09	0:24	Fine	0	<u>61</u>	63	48	Sign gantry installation on Fanling Highway; vehicle pass-by noise from the access road to Ki Lun Tsuen.

Remarks:

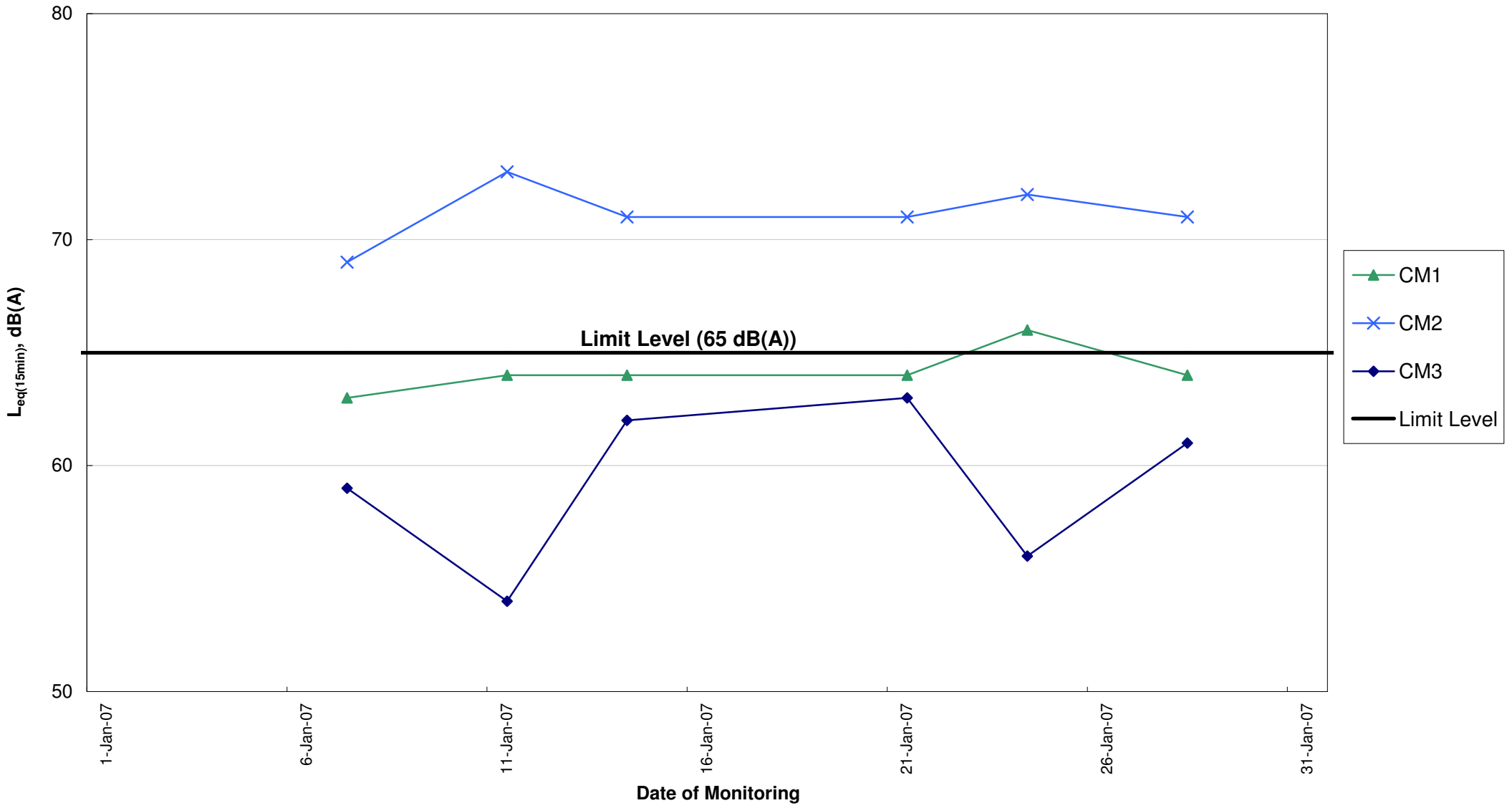
- (i) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.
- (ii) Underlined figure indicates an exceedance of the Limit Level of 50dB(A).

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



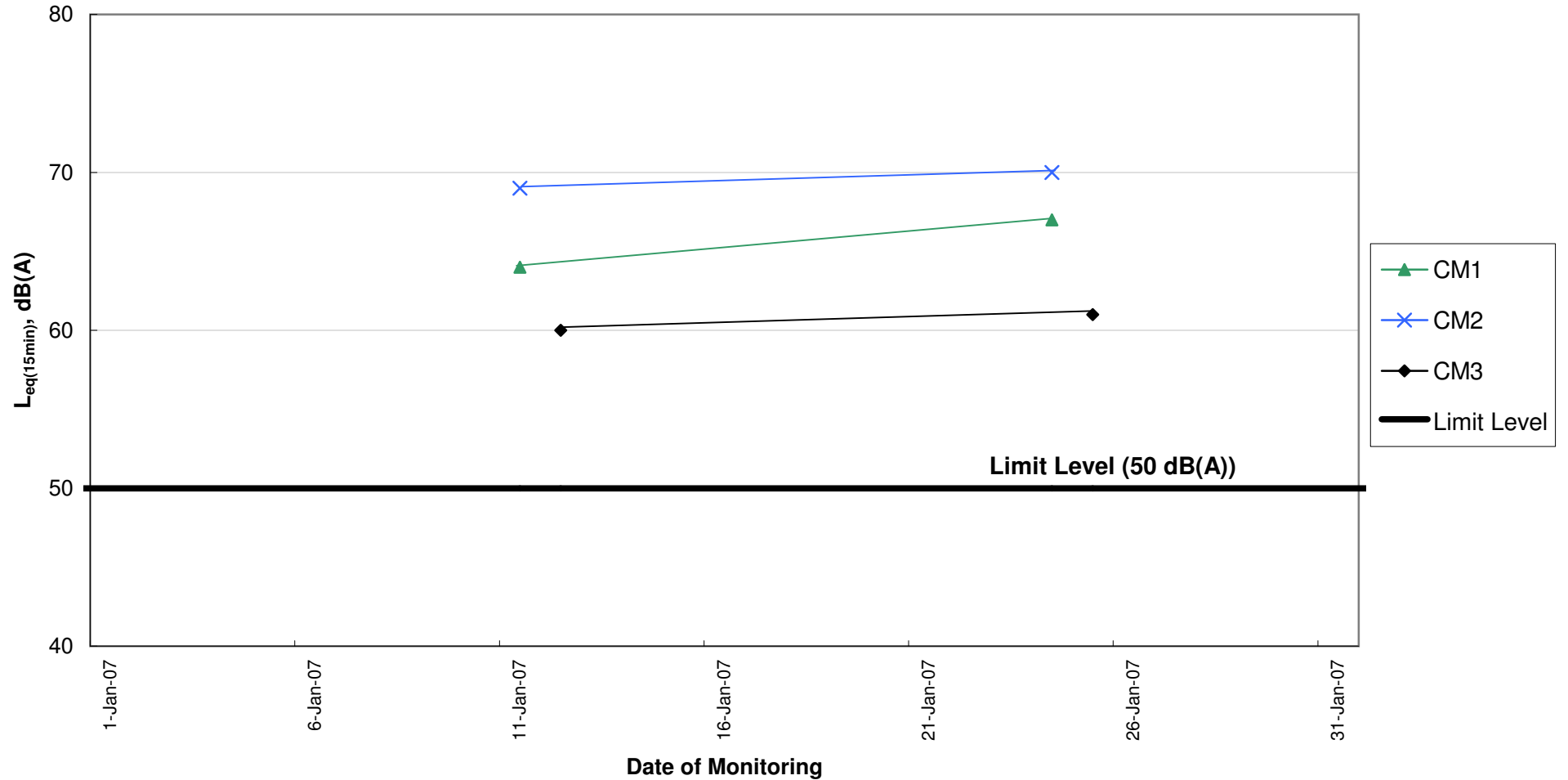
Note: (1) CM2 is a non-façade measurement location. A positive correction of 3dB(A) has been applied to the measured noise level according to EPD's guideline.

**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.