

MTR Corporation Limited

Kwan Tong Line Extension (KTE)

Alternative Proposal for Noise Monitoring Station CN5
and Dust Monitoring Stations CD3, CD 4 and CD6
(Revision A)

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Date: 12 APR 2011

Baseline Dust Monitoring Requirements

Based on the approved KTE EM&A Manual, baseline dust monitoring should be carried out before construction works as specified in the EM&A Manual Table 4.1.

Table 1 below shows the original dust monitoring locations where access is not allowed for dust monitoring. Alternative monitoring locations are proposed.

Table 1 Dust Monitoring Stations

Identification No.	Dust Monitoring Locations
CD3	ASR 17 – Lok Ka House
CD4	ASR 28 – Block 1, Cherry Mansions, Whampoa Garden Site 2
CD6	ASR 46 – Harbourfront Horizon

Alternative Monitoring Locations

In accordance with EM&A Manual Clause 4.2.2.3, alternative dust monitoring locations should be chosen based on the following criteria:-

- The monitoring at the air sensitive receivers (ASRs) close to the major construction site activities which are likely to be subjected to construction dust impacts due to the KTE project;
- The monitoring at the ASRs as defined in the EIAO-TM; and
- The assurance of the minimal disturbance to the occupants and working under a safety condition during monitoring.

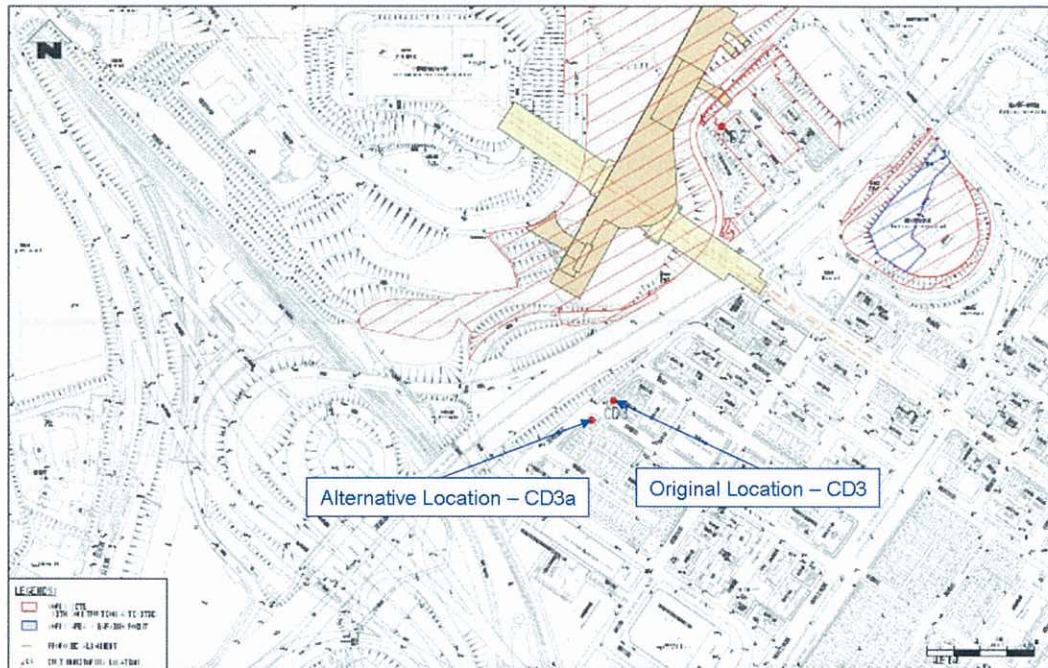
Lok Ka House (CD3)

Letter has been sent to Lok Ka House for access authorization to the premise in order to carry out the dust monitoring but there was no reply from the premise. An alternative location was identified at the adjacent building, Yick Kwan House, which however access was declined by the representative of the premise.

An alternative location is identified at another adjacent building, No. 238 Chatham Road North as shown in **Figure 1** which satisfies the criteria mentioned above. Access has been obtained from the representative of the premise.

The alternative location for CD3 – Lok Ka House is therefore proposed at No. 238 Chatham Road North.

Figure 1 Alternative Monitoring Location for CD3



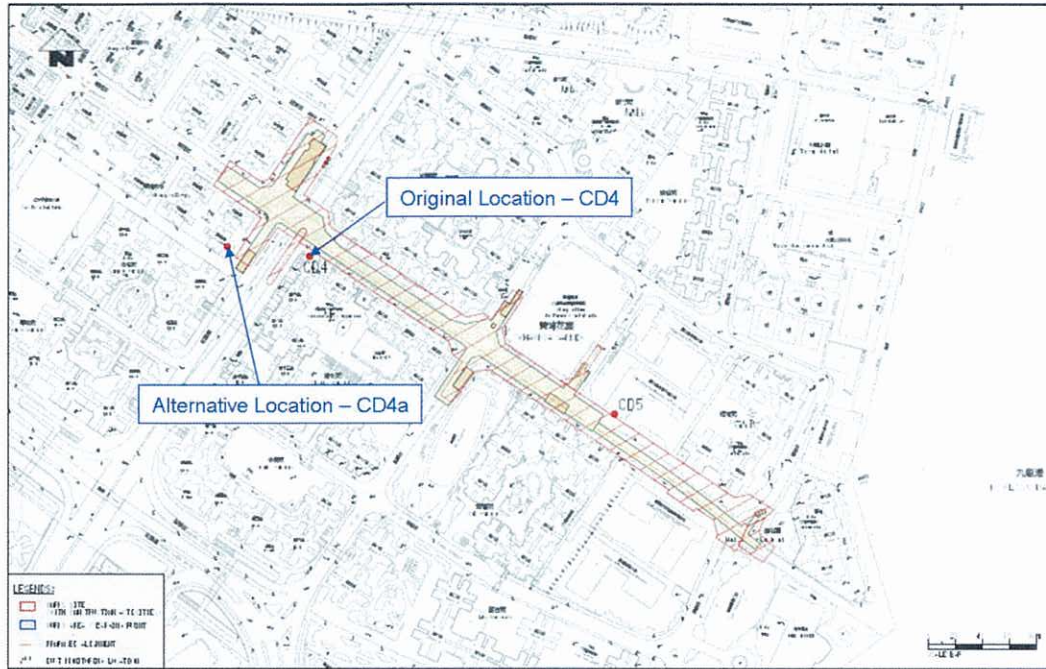
Block 1, Cherry Mansions, Whampoa Garden Site 2 (CD4)

Discussions were conducted with Whampoa Garden Management Office for access authorization to Cherry Mansions or Block 9 of Bauhinia Mansions in order to carry out the dust monitoring. However, the access was declined by the management office. An alternative location at Hung Hom Road Footbridge has also been identified but considered inappropriate as the footbridge is semi-enclosed and the requirements of positioning the High Volume Sampler as stated in the EM&A Manual cannot be fulfilled.

Another alternative location is identified at the nearby building, Ka Fu Building as shown in **Figure 2** which satisfies the criteria mentioned above. Access has been obtained from the management office and representative of the premise.

The alternative location for CD4 Block 1, Cherry Mansions, Whampoa Garden Site 2 is therefore proposed at Ka Fu Building.

Figure 2 Alternative Monitoring Location for CD4



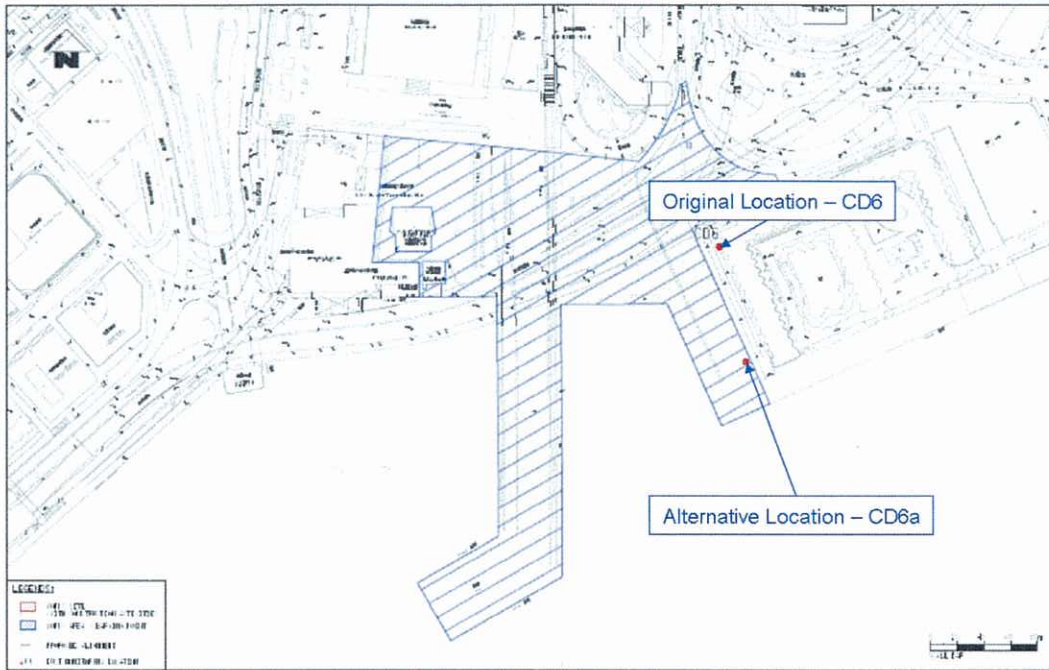
Harbourfront Horizon (CD6)

Discussions were conducted with Harbourfront Horizon Management Office for access authorization to the premise in order to carry out the dust monitoring. However, the access was declined by the management office. An alternative location is identified at the site boundary of Finger Pier adjacent to Harbourfront Horizon as shown in **Figure 3** which is close to the major construction activities at the barging point and satisfies the criteria mentioned above. Access has been obtained from the land owner.

Alternative location within the site boundary of Finger Pier closer to the original location has been identified but considered inappropriate as it would interfere with the current cargo transportation route and will affect future construction space for loading/ unloading activities of spoil during project construction, posing safety concern of the Freight Yard and also electricity supply cannot be secured safely.

The alternative location for CD6 Harbourfront Horizon is therefore proposed at site boundary of Finger Pier adjacent to Harbourfront Horizon as shown in **Figure 3**, which is located as close as practicable to the original location..

Figure 3 Alternative Monitoring Location for CD6





Revised Baseline and Impact Monitoring Locations

Based on the criteria as stated in the KTE EM&A Manual Clause 4.2.2.3, the revised dust monitoring locations as shown in Table 2 are considered appropriate for the monitoring and audit of construction dust impacts during the construction phase of the KTE Project.

Table 2 Revised Dust Monitoring Location

ID No.	Dust Monitoring Location	Photograph
CD3a	No. 238 Chatham Road North	<p>The photograph shows a dense residential area with several multi-story buildings. A white callout box with a black arrow points to a specific building, labeled 'No. 238 Chatham Road North'. Another white callout box with a black arrow points to a different building, labeled 'Lok Ka House'.</p>

CD4a	Ka Fu Building	 <p>A photograph of a tall, modern residential building with many windows. A label 'Ka Fu Building' with an arrow points to the building. In the foreground, there are some trees and a construction site with a sign that says '出售地庫' and '2350 1168'.</p>
CD6a	Site boundary of Finger Pier adjacent to Harbourfront Horizon	 <p>A photograph showing a long, low building (Harbourfront Horizon) and a construction site (Finger Pier) in the foreground. A label 'Harbourfront Horizon' with an arrow points to the building. Another label 'Site Boundary of Finger Pier' with an arrow points to the construction site. The construction site has a blue fence and some workers are visible.</p>

Baseline Noise Monitoring Requirements

Based on the approved KTE EM&A Manual, baseline noise monitoring should be carried out before construction works as specified in the EM&A Manual Table 5.1.

Table 1 below shows the original noise monitoring location which cannot be accessed as the noise sensitive receiver has been relocated. The original premise is now unoccupied and inaccessible.

Table 1 Noise Monitoring Station

Identification No.	Noise Monitoring Location
CN5	NSR 20 – Caritas Bianchi College of Careers

Alternative Proposal

There is no other educational institution adjacent to the original noise monitoring location.

For the domestic premises adjacent to the original noise monitoring location, there would be no construction noise exceedance in accordance to the approved KTE EIA Report Table 7.9 (The maximum predicted construction noise levels are 70 dB(A) at NSR 21 – Lok Ka House and 67 dB(A) at NSR 62 Wing Fung Building). Construction noise monitoring at NSR 18 - Yee Fu Building, which is the worst affected domestic premise, has already been proposed in the EM&A Manual Table 5.1 (Identification No. CN4).

Due to the above reasons, the original noise monitoring location at Caritas Bianchi College of Careers, which has been relocated to Tiu Keng Leng with the original premise unoccupied and inaccessible, is proposed to be suspended and alternative monitoring location is not required for impact noise monitoring. The consideration of suspending the impact noise monitoring at CN5 will be stated in the future EM&A monthly reports.

However given that there is currently no information about the nature of any future use at the site of Caritas Bianchi College of Careers, baseline monitoring is proposed at representative alternative location to provide a record of background noise level in

case if the premises would be occupied by similar educational use in future.

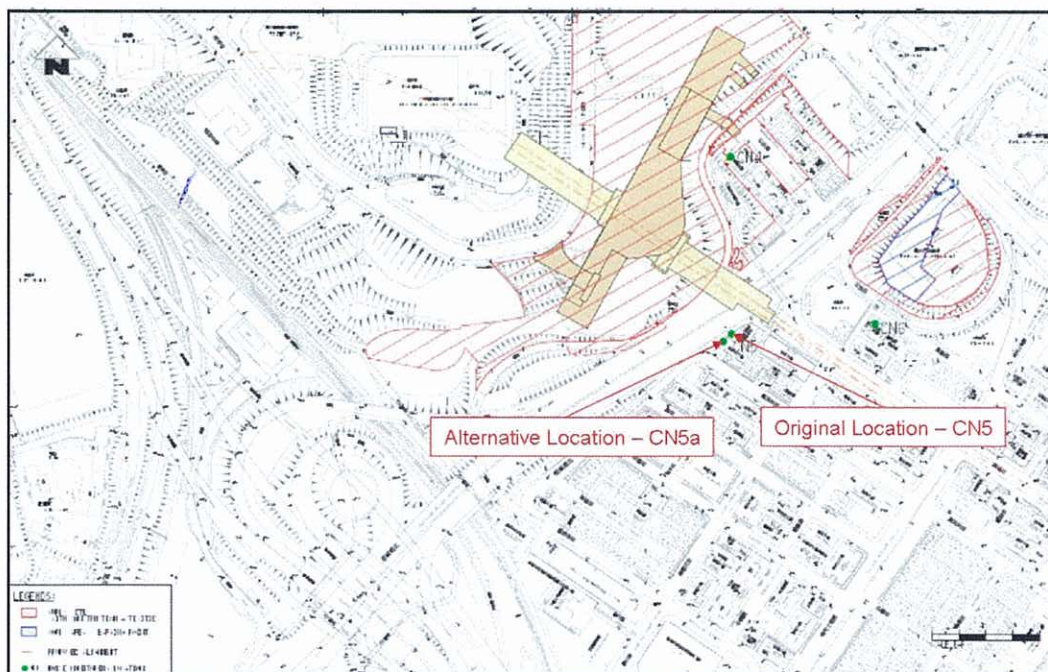
In accordance with EM&A Manual Clause 5.2.3.3, alternative noise monitoring locations should be chosen based on the following criteria:-

- The monitoring locations close to the major construction works activities that are likely to have noise impacts;
- The monitoring close to the noise sensitive receivers (NSRs) as defined in the EIAO-TM;
- The assurance of the minimal disturbance and working under a safe condition to the occupants during the monitoring in the vicinity of the NSRs.

An alternative location for baseline noise monitoring is identified at the adjacent building, Bulkeley Building as shown in **Figure 1** which satisfies the criteria mentioned above. Access has been obtained from the representative of the premise.

In accordance with EM&A Manual Clause 5.2.3.4, the monitoring stations shall be at a point 1m from the exterior of the façade of the NSRs and be at a position 1.2m above ground for the proposed alternative location to replace the original noise monitoring location as mentioned in Table 1.

Figure 1 Alternative Baseline Noise Monitoring Location for CN5



Revised Baseline Monitoring Location

Based on the criteria as stated in the KTE EM&A Manual Clause 5.2.3.3, the revised location for baseline noise monitoring as shown in Table 2 are considered appropriate for providing a record of background noise level in case if the original site of Caritas Bianchi College of Careers would be occupied by similar educational use in future.

Table 2 Revised Location for Baseline Noise Monitoring

ID No.	Baseline Noise Monitoring Location	Photograph
CN5a	Bulkeley Building	