

The EIA Ordinance Register Office,
27th Floor, Southorn Centre,
130 Hennessy Road,
Wanchai,
Hong Kong

Your ref :

Our ref: C747-COR-HSD-ENV-010861

Attention: Ms. Eva Lau

12 May, 2011

Dear Ms. Lau,

MTR West Island Line
Environmental Permit No. EP-313/2008D
Proposal for Alternative Noise Monitoring Station of CN11a

I refer to your letter dated 20 April 2011 on the above subject. I would like to submit the revised proposal incorporating your comments provided in the above letter for your approval which has been certified by the ET Leader and verified by the IEC in compliance with WIL EP Condition 6.1 and Clause 2.11 of the WIL EM&A Manual.

Yours sincerely,



Dr. Glenn Frommer
Head of Sustainability Development

Encls.

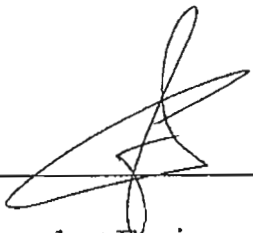
b.c.c. Arup - Attn: Mr. Coleman Ng (by fax 2268-3950)

GF/EL/bl

MTR Corporation Limited

West Island Line Project

Proposal for Alternative Noise Monitoring Station of
CN11a (Rev A)

Verified by:  _____

Position: Independent Environmental Checker

Date: 12 May 2011

MTR Corporation Limited

West Island Line Project

Proposal for Alternative Noise Monitoring Station of
CN11a (Rev A)

Certified by: Glenn Frommer
Position: Environmental Team Leader
Date: 9 May 2011

Baseline Monitoring Requirements

Based on the approved WIL EM&A Manual, baseline monitoring should be carried out before construction works for noise and air as specified in EM&A Manual Tables 2.2 and 9.1.

Table 1 below shows the original noise monitoring location CN11 as specified in the EM&A Manual Tables 2.2 and CN11a which was approved by EPD in the letter dated 1 September 2010 as an alternative monitoring location.

Table 1 Noise Monitoring Station

| Identification No. | Noise Monitoring Station |
|---------------------------|---------------------------------|
| CN11 | Sun Shing Building |
| CN11a | Yick Fung Garden (Block B) |

Alternative Monitoring Location

In accordance with EM&A Manual clause 2.11, alternative noise monitoring location is proposed based on the following criteria:-

- Monitoring at sensitive receivers close to the major site activities which are likely to have noise impacts.
- Monitoring close to the noise sensitive receivers as defined in the Technical Memorandum.
- Assurance of minimal disturbance to the occupants during monitoring in the vicinity of sensitive receivers.
- Approval from the Engineer's Representative has been sought.

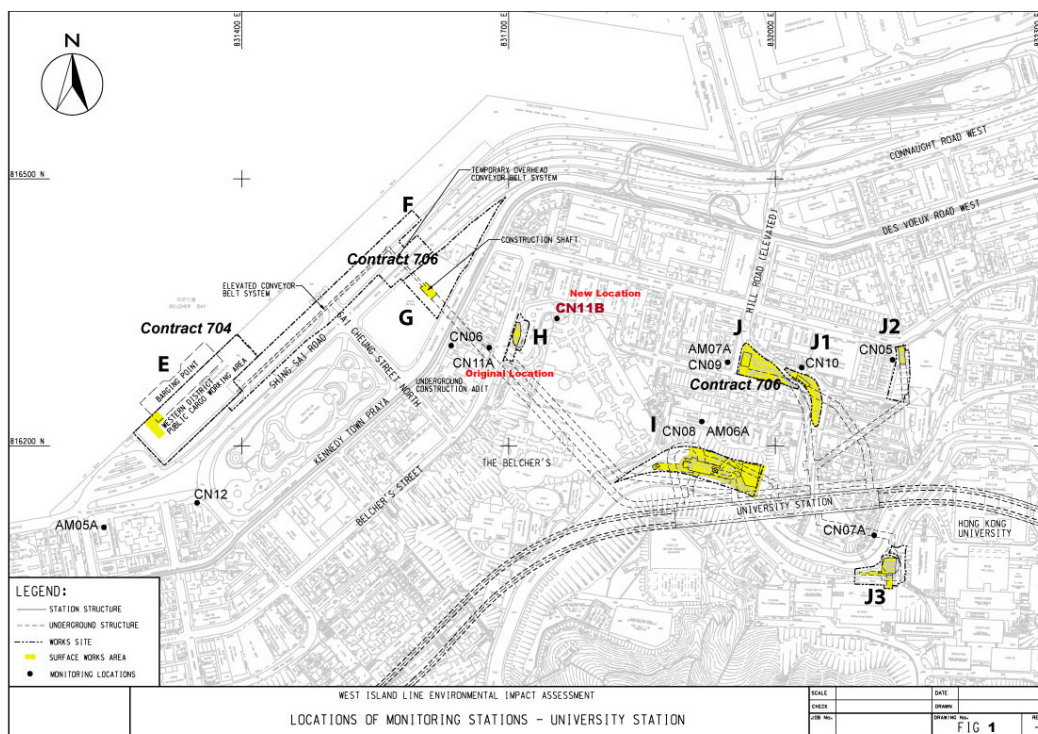
In accordance with EM&A Manual clause 2.12, the monitoring station shall be at a point 1m from the exterior of the noise sensitive façade and be at a position 1.2m above ground for the proposed alternative noise monitoring locations as mentioned in Table 1.

Relocation of Monitoring Station at Yick Fung Garden (Block B)

As the Management Office/Representatives of the Belcher's strongly requested for setting up a noise monitoring station at the Belcher's for the regular construction noise monitoring. Discussions were conducted with the building management office and subsequently authorization of access to the premise for the noise monitoring was obtained. An alternative location is therefore proposed at the Belcher's Tower 8 as shown in **Figure 1** which satisfies the criteria mentioned above. The originally approved alternative monitoring location CN11a - Yick Fung Garden (Block B) is to be re-located to CN11b - the Belcher's Tower 8.

As the Belcher's Tower 8 (NSR ID: UNI4) located next to Works Area H had been included in the WIL EIA noise assessment, the first two criteria mentioned above are met. The monitoring location at the Belcher's Tower 8 had been agreed with the Management Office of the Belcher's which assures minimal disturbance to the occupants during monitoring. In addition, approval from the WIL Project Engineer's Representative has been obtained for the above proposed relocation of noise monitoring station.

Figure 1 Alternative Monitoring Location for CN11a



Revised Baseline and Impact Monitoring Location


As the request for setting up a noise monitoring station at the Belcher's for the regular construction noise monitoring was made after commencement of construction works at Works Area H in September 2010, noise baseline monitoring in accordance with WIL EM&A Manual clause 2.13 cannot be conducted. As such noise baseline check of 30-minute measurement at the proposed alternative monitoring station, CN11b was conducted during noon time when no construction work was carried out in the vicinity. In addition, noise baseline check of 30-minute measurement was conducted for the evening time (1900-2300) and night time (2300-0700) respectively. The baseline check results are summarised in Table 2. As the baseline values for the daytime, evening time and night time periods are within the range of the respective baseline values for monitoring station CN11a, it can be demonstrated that the baseline conditions at the original and the proposed alternative monitoring station are similar.

Table 2 Noise Baseline Check at CN11b

| Time Period | Baseline Value at CN11b, dB(A) | Range of Baseline Value at CN11a, dB(A) |
|--------------------|---|--|
| Daytime | 69 | 69-74 |
| Evening-time | 68 | 68-72 |
| Night-time | 66 | 65-68 |

Based on the criteria as stated in the WIL EM&A Manual clause 2.11, the revised noise monitoring location as shown in Table 3 is considered appropriate for the monitoring and audit of construction noise impacts during the construction phase of the WIL Project.

Table 3 Revised Noise Monitoring Location

| Identification No. | Noise Monitoring Location | Photograph |
|--------------------|---------------------------|--|
| CN11b | The Belcher's Tower 8 |  A photograph showing a tall, modern residential building with a distinctive architectural design, featuring a large, cantilevered upper section. The building is surrounded by other high-rise structures in an urban setting. The sky is overcast. |