

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N092	7-Jul-17	10:35	M1a-Harbour Road Sports Centre	87	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Sheet piling works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: Despite loading and unloading conducted by crane was carried out under Contract HK/2009/02 with breaking works conducted momentarily around the concerned location during the time of measurement, the continuous sheet piling works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. In view of the momentary noise emanated from breaking works was observed having no influential effect on the noise level during the measurement, the exceedance was considered as non-Project related. Nevertheless, in view of the concurrent operation non-WDII CWB Project around the monitoring station, the Contractor of HK/2009/02 was reminded to adopt suitable noise mitigation measures for the noise emanating works to avoid potential cumulative impact to the surroundings.</p>
X_16N093	7-Jul-17	10:35	M1a-Harbour Road Sports Centre	87	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Sheet piling works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while continuous sheet piling works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_16N095	13-Jul-17	10:35	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: Despite concreting, loading and unloading conducted by crane was carried out under Contract HK/2009/02, no major noise emanation was observed while breaking works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. In view of the above, the exceedance was considered as non-Project related.</p>
X_16N096	13-Jul-17	10:35	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while breaking works next to the monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N096	20-Jul-17	10:20	M1a-Footbridge at Ex Harbour Road Sports Centre	83	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under Contractor of HK/2009/02 was observed as the major noise contribution during monitoring.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Breaking works was undertaken by Contract HK/2009/02 during measurement while nearby non CWB construction works was observed conducted in parallel, the construction noise level measured was: <u>20 July 2017 at 10:20 83 dB(A)</u>, (Measured Noise level : <b>83.8 dB(A)</b>).</p> <p>The construction noise level of repeat measurement at the same location on the same date was: <u>20 July 2017 at 10:50 76 dB(A)</u> (Measured Noise Level: <b>77.6 dB(A)</b>)</p> <p>As no construction works under Contract HK/2009/02 was observed during the repeat measurement while the nearby non WDII-CWB Project construction works was observed on-going, the measured noise level during the repeat measurement of 77.6 dB(A) (without construction works) was taken as the instantaneous background noise level across the monitoring period for evaluation purpose. Hence, the construction noise level was determined to be 82.6 dB(A).</p> <p>In view of the current monitoring location was established at the site boundary location as the location was the only available location for representing the WDII project contribution to the nearest NSR (i.e. Causeway Centre), it is considered that the distance attenuation effect shall be taken into account to assess the potential noise impact of the observed construction works under HK/2009/02 to the nearest affected NSR (i.e. Causeway Centre). Based on the distance separation between the measurement point and the observed major noise source (i.e. breaking operation), the SWL of the major noise source was determined to be as 116.9 dB(A). Subsequently, based on the distance attenuation from the noise source to the nearest affected NSR, (i.e. 176.1m), the <u>construction noise level due to the observed breaking operation at the nearest sensitive facade is 63.9 dB(A)</u>. Hence, it is concluded that the recorded noise level would not adversely affect the nearest NSR.</p> <p>Remarks / Other Obs: Backfilling works, breaking works and unloading of C&amp;D material from barge to land were conducted under Contract HK/2009/02 around the monitoring location during the time of measurement while bored pile works was observed conducted around the monitoring location under non WDII-CWB Project at the time of measurement. Despite the breaking works was considered as the major noise contribution during the measurement hence the exceedance is considered as Project related, the noise impact to the nearest NSR is further assessed considering the boundary location of the monitoring station and no adverse noise impact to the nearest NSR is identified. Nevertheless, in view of the recorded boundary condition, the Contractor of HK/2009/02 is suggested to adopt additional noise mitigation measures to avoid potential cumulative impact to nearby stakeholders.</p>
X_16N097	20-Jul-17	10:20	M1a-Footbridge at Ex Harbour Road Sports Centre	83	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under Contractor of HK/2009/02 was observed as the major noise contribution during monitoring.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while breaking works next to the monitoring station under Contract HK/2009/02 was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_16N098	18-Jul-17	10:00	M6 - HK Baptist Church Henrietta Secondary School	66	Leq(30min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement while repeat measurement was not feasible within the examination period owing to adverse weather condition. Analysis of contractor's working procedure</p> <p>Remarks / Other Obs: Despite installation of launching girder works was conducted under HY/2009/19 around the monitoring location and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.</p>

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N100	26-Jul-17	10:20	M1a-Footbridge at Ex Harbour Road Sports Centre	85	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under Contractor of HK/2009/02 was observed as the major noise contribution during monitoring.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. The Contractor was advised to submit remedial plan according to the EAP.</p> <p>Breaking works was undertaken by Contract HK/2009/02 during measurement while nearby non CWB construction works was observed conducted in parallel, the construction noise level measured was: <u>26 July 2017 at 10:20 85 dB(A)</u>.</p> <p>In view of the current monitoring location was established at the site boundary location as the location was the only available location for representing the WDII project contribution to the nearest NSR (i.e. Causeway Centre), it is considered that the distance attenuation effect shall be taken into account to assess the potential noise impact of the observed construction works under HK/2009/02 to the nearest affected NSR (i.e. Causeway Centre). Based on the distance separation between the measurement point and the observed major noise source (i.e. breaking operation), <u>the SWL of the major noise source was determined to be as 131.8 dB(A)</u>. Subsequently, based on the distance attenuation from the noise source to the nearest affected NSR, (i.e. 225.6 m), <u>the construction noise level due to the observed breaking operation at the nearest sensitive facade is 76.8 dB(A)</u> and it is concluded that the project related exceedance would adversely affect the nearest NSR.</p> <p>Hence, the Contractor of HK/2009/02 was advised to prepare and submit the remediation plan for the concerned breaking works according to the Event and Action Plan. According to the plan, remedial actions including i) reduction in no. of breakers operating in parallel ii) operate breakers intermittently and iii) covering of breaker head with acoustic material were implemented by the Contractor on 03 August 2017.</p> <p>Remarks / Other Obs: Backfilling works, breaking works and unloading of C&amp;D material from barge to land were conducted under Contract HK/2009/02 around the monitoring location during the time of measurement while bored pile works was observed conducted around the monitoring location under non WDII-CWB Project at the time of measurement. The breaking works under Contract HK/2009/02 was observed as the major noise contribution during the measurement hence the exceedance is considered as Project related and the adverse noise impact to the nearest NSR was resulted. The Contractor of HK/2009/02 was requested to submit a remedial action plan according to the Event and Action Plan. Remedial actions including i) reduction in no. of breakers operating in parallel ii) operate breakers intermittently and iii) covering of breaker head with acoustic material were implemented by the Contractor on 03 August 2017.</p> <p>Additional noise measurement was conducted on 03 August 2017 and the construction noise level measured was: <u>03 August 2017 at 15:49 82 dB(A)</u>. According distance separation between the measurement point and the observed major noise source (i.e. breaking operation), <u>the SWL of the major noise source was determined to be as 124.4dB(A)</u>. Subsequently, based on the distance attenuation from the noise source to the nearest affected NSR, (i.e. 179.5 m), <u>the construction noise level of breaking operation after mitigation at the nearest sensitive facade is 71.3 dB(A)</u> and no further adverse noise impact to the nearest NSR is identified.</p>
X_16N101	26-Jul-17	10:20	M1a-Footbridge at Ex Harbour Road Sports Centre	85	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works next to the monitoring station under Contractor of HK/2009/02 was observed as the major noise contribution during monitoring.</p> <p>Action taken / to be taken: A repeat measurement was conducted to confirm result and reviewed the trend of previous noise monitoring and Contractor's working procedure.</p> <p>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while breaking works next to the monitoring station under Contract HK/2009/02 was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>