

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N109	4-Dec-17	13:45	M1a-Footbridge at Ex Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Non WDII-CWB excavation works and hammering immediately next to the monitoring station 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>Remarks / Other Obs: Backfilling and minor breaking works were conducted by Contract HK/2009/02 around the concerned location with a few and non-continuous breaking actions observed during measurement. Acoustic screening of breaker tip was implemented by Contract HK/2009/02 and no noise contribution was observed from the works. Meanwhile, non WDII-CWB excavation works and hammering next to the monitoring station were observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related to Contract HK/2009/02. Nevertheless, the Contractor of HK/2009/02 was reminded to maintain adequate noise mitigation measure around the concerned location to avoid potential cumulative impact.</p>
X_16N110	4-Dec-17	13:45	M1a-Footbridge at Ex Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Non WDII-CWB excavation works and hammering immediately next to the monitoring station 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>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while non WDII-CWB excavation works and hammering next to the monitoring station were observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related to Contract HK/2009/01.</p>
X_16N111	8-Dec-17	10:10	M6-HK Baptist Church Henrietta Secondary School	69	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. Analysis of contractor's working procedure</p> <p>Remarks / Other Obs: Despite installation of sign gantry, transportation of rebars and house keeping work were 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>
X_16N113	11-Dec-17	10:15	M1a-Footbridge at Ex Harbour Road Sports Centre	77	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Non WDII-CWB excavation and continuous breaking works immediately next to the monitoring station were 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>Remarks / Other Obs: Backfilling and minor breaking works were conducted by Contract HK/2009/02 around the concerned location with a few and non-continuous breaking actions observed during measurement. Acoustic screening of breaking tip was implemented by Contract HK/2009/02 and no noise contribution was observed from the works. Meanwhile, non WDII-CWB excavation and continuous breaking works immediately next to the monitoring station were observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related to Contract HK/2009/02. Nevertheless, the Contractor of HK/2009/02 was reminded to maintain adequate noise mitigation measure around the concerned location to avoid potential cumulative impact.</p>

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X_16N114	11-Dec-17	10:15	M1a-Footbridge at Ex Harbour Road Sports Centre	77	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Non WDII-CWB breaking works next to the monitoring station 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>Remarks / Other Obs: No construction work was conducted by Contract HK/2009/01 around the concerned location during the time of measurement while non WDII-CWB excavation and continuous breaking works immediately next to the monitoring station were observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related to Contract HK/2009/01.</p>
X_16N115	20-Dec-17	10:10	M6-HK Baptist Church Henrietta Secondary School	69	Leq(30min)	when one documented complaint was received.	65	<p>Possible reason: Breaking works at IECL was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Immediate repeat measurement was conducted to confirm the result at the same location. The construction noise level of repeated measurement at the same location on the same date was: 20 December 2017 at 10:50 69.3dB(A). Contractor was advised to prepare and submit the remediation plan for the concerned construction works.</p> <p>Remarks / Other Obs: Additional monitoring was conducted on 21 December 2017 10:50 70dB(A) during non-examination period. No further exceedance was recorded.</p> <p>Breaking of paving surface at Pier F5 and F6 under Contract HY/2009/19 was conducted during the measurement on 20 December 2017 and breaking operation behind the IECL noise enclosure was observed as the major noise influence during measurement. Hence, the exceedance was considered as Project related. In view of the adjustment of limit level on the subsequent monitoring date with respect to the completion of school examination, no further exceedance was recorded during additional monitoring conducted on 21 December 2017 at the concerned location. Nevertheless, the Contractor of HY/2009/19 was advised to adopt additional noise mitigation measure for future breaking works, if any, at the concerned location during examination period, such as provision of localized movable noise barrier to ensure that the nearby noise sensitive receiver would not be adversely affected.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A069	11-Dec-17	8:00	CMA5b- Pedestrian Plaza	229.2	24hr TSP (ug/m ³)	181.0	260	Possible reason: TSP level potentially in relate to the ambient condition around the monitoring station.
	12-Dec-17	9:30	CMA5b- Pedestrian Plaza	397.6	1hr TSP (ug/m ³)	332.0	500	Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.
								Remarks / Other Obs: <p>No construction works was undertaken around the monitoring location on the monitoring date under Contractor of HK/2009/01 and no particular observation regarding dust emission was observed during sampling.</p> <p>Meanwhile, non WDII-CWB Project construction activities was observed opposite to the monitoring station on the monitoring date. According to the EPD monitoing record, AQHI recorded at the Causeway Bay station was recorded as Lv4 - Lv7 on 11 Decmeber 2017 and recorded as Lv6 on 12 December 2017 during the monitoring period indicating the adverse ambient condition. In addition, similar elevation in TSP level were recorded across the same period on 11 December 2017 at other Project AQM stations including CMA6a at Wanchai and CMA3a at Causeway Bay area suggesting overall air quality within the district was under influence of ambient pollutant.</p> <p>In view of the above, the exceedance was considered to not related to the Project work under HK/2009/01 and generally contributed by ambient air quality condition. Nevertheless, the Contractor of HK/2009/01 was reminded to provide dust suppression measures for any potential dusty surface and dust generating operation if required around the concerned location to avoid any potential cumulative air quality impact.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A070	11-Dec-17	8:00	CMA5b- Pedestrian Plaza	229.2	24hr TSP (ug/m ³)	181.0	260	Possible reason: TSP level potentially in relate to the ambient condition around the monitoring station.
	12-Dec-17	9:30	CMA5b- Pedestrian Plaza	397.6	1hr TSP (ug/m ³)	332.0	500	Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.
								Remarks / Other Obs: Installation of steel roof and architectural builders works and finishes at MVB were undertaken around the monitoring location under Contract HY/2011/08 on the monitoring date and no particular observation regarding air quality impact was observed during sampling and mitigation measure including dampening of haul road were generally implemented. Meanwhile, non WDII-CWB Project construction activities was observed opposite to the monitoring station on the monitoring date. According to the EPD monitoing record, AQHI recorded at the Causeway Bay station was recorded as Lv4 - Lv7 on 11 Decmeber 2017 and recorded as Lv6 on 12 December 2017 during the monitoring period indicating the adverse ambient condition. In addition, similar elevation in TSP level were recorded across the same period on 11 December 2017 at other Project AQM stations including CMA6a at Wanchai and CMA3a at Causeway Bay area suggesting overall air quality within the district was under influence of ambient pollutant. In view of the above, the exceedance was considered not related to Project works and potentially contributed by ambient air quality condition. Nevertheless, the Contractor of HY/2011/08 was reminded to provided regularly dust suppression measures if any potential dust generating operation around the concerned location would be required to avoid any potential cumulative air quality impact.



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A071	11-Dec-17	8:00	CMA5b- Pedestrian Plaza	229.2	24hr TSP (ug/m ³)	181.0	260	Possible reason: TSP level potentially in relate to the ambient condition around the monitoring station.
	12-Dec-17	9:30	CMA5b- Pedestrian Plaza	397.6	1hr TSP (ug/m ³)	332.0	500	<p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: Road and drain construction works was undertaken under Contract HK/2012/08 around the monitoring location on the monitoring date and no particular observation regarding dust emission was observed during sampling periods. Mitigation measure including water spraying for haul road and dusty surface were implemented by the Contractor of HK/2012/08.</p> <p>Meanwhile, non WDII-CWB Project construction activities was observed opposite to the monitoring station on the monitoring date. According to the EPD monitoring record, AQHI recorded at the Causeway Bay station was recorded as Lv4 - Lv7 on 11 Decmeber 2017 and recorded as Lv6 on 12 December 2017 during the monitoring period indicating the adverse ambient condition. In addition, similar elevation in TSP level were recorded across the same period on 11 December 2017 at other Project AQM stations including CMA6a at Wanchai and CMA3a at Causeway Bay area suggesting overall air quality within the district was under influence of ambient pollutant.</p> <p>In view of the above, the exceedance was considered to be not related to the Project works under Contract HK/2012/08 and potentially contributed by ambient air quality condition. Nevertheless, the Contractor of HK/2012/08 was advised to strengthen the overall dust suppression control measures to ensure all dusty surface and stockpile are covered or dampened to avoid potential dust emission.</p>
X_16A072	23-Dec-17	9:55	CMA5b- Pedestrian Plaza	358.6	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to the nearby traffic and ambient condition around the monitoring station at the time of monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: No construction works was undertaken around the monitoring location on the monitoring date under Contractor of HK/2009/01 and no particular observation regarding dust emission was observed during sampling.</p> <p>Meanwhile, non WDII-CWB Project excavation material handling was observed opposite to the monitoring station on the monitoring date. In addition, elevated PM2.5 and PM10 level were recorded at the EPD Causeway Bay monitoring station across the monitoring period suggesting the meterological condition at the time of monitoring may not favour the dispersion of ambient air pollutant within the district and hence affecting the air quality.</p> <p>In view of the above, the exceedance was considered to not related to the Project work under HK/2009/01 and generally contributed by ambient air quality condition. Nevertheless, the Contractor of HK/2009/01 was reminded to provide dust suppression measures for any potential dusty surface and dust generating operation if required around the concerned location to avoid any potential cumulative air quality impact.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A073	23-Dec-17	9:55	CMA5b- Pedestrian Plaza	358.6	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to the nearby traffic and ambient condition around the monitoring station at the time of monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: Installation of steel roof and architectural builders works and finishes at MVB were undertaken around the monitoring location under Contract HY/2011/08 on the monitoring date and no particular observation regarding air quality impact was observed during sampling and mitigation measure including dampening of haul road were generally implemented.</p> <p>Meanwhile, non WDII-CWB Project excavation material handling was observed opposite to the monitoring station on the monitoring date. In addition, elevated PM2.5 and PM10 level were recorded at the EPD Causeway Bay monitoring station across the monitoring period suggesting the meterological condition at the time of monitoring may not favour the dispersion of ambient air pollutant within the district and hence affecting the air quality.</p> <p>In view of the above, the exceedance was considered not related to Project works and potentially contributed by ambient air quality condition. Nevertheless, the Contractor of HY/2011/08 was reminded to provided regularly dust suppression measures if any potential dust generating operation around the concerned location would be required to avoid any potential cumulative air quality impact.</p>
X_16A074	23-Dec-17	9:55	CMA5b- Pedestrian Plaza	358.6	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to the nearby traffic and ambient condition around the monitoring station at the time of monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: Road and drain construction works was undertaken under Contract HK/2012/08 around the monitoring location on the monitoring date and no particular observation regarding dust emission was observed during sampling periods. Mitigation measure including water spraying for haul road and dusty surface were implemented by the Contractor of HK/2012/08.</p> <p>Meanwhile, non WDII-CWB Project excavation material handling was observed opposite to the monitoring station on the monitoring date. In addition, elevated PM2.5 and PM10 level were recorded at the EPD Causeway Bay monitoring station across the monitoring period suggesting the meterological condition at the time of monitoring may not favour the dispersion of ambient air pollutant within the district and hence affecting the air quality.</p> <p>In view of the above, the exceedance was considered to be not related to the Project works under Contract HK/2012/08 and potentially contributed by ambient air quality condition. Nevertheless, the Contractor of HK/2012/08 was advised to strengthen the overall dust suppression control measures to ensure all dusty surface and stockpile are covered or dampened to avoid potential dust emission.</p>