



Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N100	4-Aug-17	14:45	M1a-Footbridge at Ex Harbour Road Sports Centre	82	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. 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 124.9 dB(A)</u>. Subsequently, based on the distance attenuation from the noise source to the nearest affected NSR, (i.e. 178.6 m), <u>the construction noise level due to the observed breaking operation at the nearest sensitive façade is 71.8 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 and breaking works were conducted under Contract HK/2009/02 around the monitoring location during the time of measurement. Despite the breaking works was considered as the major noise contribution during the measurement and 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_16N101	4-Aug-17	14:45	M1a-Footbridge at Ex Harbour Road Sports Centre	82	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>

Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit Level	Follow-up action
X_16C078	19-Aug-17	Mid-flood	C7	DO(mg/l)	6.43	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	11.18	11.35	12.71	Action taken/ to be taken: Repeated the measurement to confirm the result. Checked with Contractor works and reviewed previous monitoring data.
				SS	26.50	18.42	27.54	Remarks/ Other Obs: Despite cutting of D-wall was conducted under Contract HY/2010/08 on the monitoring date, no particular observation regarding water quality impact was observed during sampling period and the installed silt screen was in place. In view of the above, it was considered that the exceedance was not project related.
X_16C079	21-Aug-17	Mid-ebb	C7	DO(mg/l)	5.22	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	14.57	11.35	12.71	Action taken/ to be taken: Repeated the measurement to confirm the result. Checked with Contractor works and reviewed previous monitoring data.
				SS	3.50	18.42	27.54	Remarks/ Other Obs: Despite cutting of D-wall was conducted under Contract HY/2010/08 on the monitoring date, no particular observation regarding water quality impact was observed during sampling period and the installed silt screen was in place. In view of the above, it was considered that the exceedance was not project related. No exceedance was recorded on the subsequent monitoring on 21 August 2017 flood tide.
X_16C080	25-Aug-17	Mid-ebb	P1	DO(mg/l)	4.84	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.36	11.35	12.71	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	15.50	18.42	27.54	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no marine construction activity, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 26 August 2017 ebb tide.

Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit Level	Follow-up action	
X_16C081	25-Aug-17	Mid-ebb	P3	DO(mg/l)	4.78	3.02	2.44	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	14.57	11.35	12.71	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	15.00	18.42	27.54	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no marine construction activity, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 26 August 2017 ebb tide.
X_16C081	25-Aug-17	Mid-ebb	P5	DO(mg/l)	4.80	3.02	2.44	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.43	11.35	12.71	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	15.00	18.42	27.54	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no marine construction activity, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 26 August 2017 ebb tide.



Lam Geotechnics Limited

Contract No. HK/2015/01
Wanchai Development Phase II and Central Wanchai Bvoass
Sampling, Field Measurement and Testing Work (Stage3)

Summary for Notification of Exceedance

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16W084	21-Aug-17	Mid-ebb	RW21-P789	DO(mg/l)	6.93	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	14.50	10.01	11.54	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	4.50	16.26	19.74	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date, and the installed silt screen was observed generally in order. In view of the above, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 21 August 2017 flood tide.
X_16W085	25-Aug-17	Mid-flood	WSD19	DO(mg/l)	4.76	3.18	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.07	10.01	11.54	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	13.00	16.26	19.74	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no marine construction activity, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 25 August 2017 ebb tide.



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A053	29-Aug-17	9:35	CMA5b- Pedestrian Plaza	671.6	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to localized ambient condition and non-construction activity around the monitoring station.</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 at the under Contractor of HK/2009/01 and no particular observation regarding air quality impact was observed during sampling.</p> <p>Nevertheless, non WDII-CWB Project construction activities and traffic was observed opposite to the monitoring station was observed on the monitoring date. Meanwhile, it was further noted that that gardening and sweeping works was conducted directly at the monitoring station by Pedestrian Plaza management office across the monitoring period and would potentially contributed to the particulates level in the vicinity of the monitoring equipment.</p> <p>In view of the above, the exceedance was considered to be non-project related and potentially contributed by localized ambient condition and non-construction activity around the monitoring station. Nevertheless, the Contractor of HK/2009/01 was reminded to maintain regularly dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>
X_16A055	29-Aug-17	9:35	CMA5b- Pedestrian Plaza	671.6	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to localized ambient condition and non-construction activity around the monitoring station.</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 at the under Contractor of HK/2012/08 and no particular observation regarding air quality impact was observed during sampling and dust mitigation measure including water spraying for haul road was generally implemented.</p> <p>Nevertheless, non WDII-CWB Project construction activities and traffic was observed opposite to the monitoring station was observed on the monitoring date. Meanwhile, it was further noted that that gardening and sweeping works was conducted directly at the monitoring station by Pedestrian Plaza management office across the monitoring period and would potentially contributed to the particulates level in the vicinity of the monitoring equipment.</p> <p>In view of the above, the exceedance was considered to be non-project related and potentially contributed by localized ambient condition and non-construction activity around the monitoring station. Nevertheless, the Contractor of HK/2012/08 was reminded to maintain regularly dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>