



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_16N0013	2-Mar-16	15:53	M1a-Habour Road Sports Centre	80	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Diaphragm wall construction at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement while operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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_16N014	2-Mar-16	15:53	M1a-Habour Road Sports Centre	80	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Despite breaking works was conducted under Contract HK/2009/01 at Area 8 (West of Wan Chai Ferry Pier) during the time of measurement, mitigation measures including the use of acoustic covering was provided. In addition, operation of multiple air compressors at Ex-Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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_16N0016	8-Mar-16	10:15	M1a-Habour Road Sports Centre	82	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Diaphragm wall construction at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement while operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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_16N017	8-Mar-16	10:15	M1a-Habour Road Sports Centre	82	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Despite breaking works was conducted under Contract HK/2009/01 at Area 8 (West of Wan Chai Ferry Pier) during the time of measurement, mitigation measures including the use of acoustic covering was provided. In addition, operation of multiple air compressors at Ex-Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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	Unit	Action Level	Limit Level	Follow-up action
X_16N0019	15-Mar-16	10:15	M1a-Habour Road Sports Centre	81	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Diaphragm wall construction at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement while operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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_16N020	15-Mar-16	10:15	M1a-Habour Road Sports Centre	81	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Operation of multiple air compressors at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</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: Despite breaking works was conducted under Contract HK/2009/01 at Area 8 (West of Wan Chai Ferry Pier) during the time of measurement, mitigation measures including the use of acoustic covering was provided. In addition, operation of multiple air compressors at Ex-Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite 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	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16D005	9-Mar-16	Mid-ebb	Ex-WPCWA SW	Middle	DO(mg/l)	2.57	3.84	3.73	<p><b>Possible reason:</b></p> <p>Possible in relation to the upstream organic discharge.</p> <p><b>Action taken/ to be taken:</b></p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with Contractor works and review previous monitoring data.</p> <p><b>Remarks/ Other Obs:</b></p> <p>No marine activity was conducted at TPCWAE on the monitoring date, while upstream discharge from nearby culvert was noted. In view of no marine activity was conducted and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>
X_16D006	11-Mar-16	Mid-flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.77	3.84	3.73	<p><b>Possible reason:</b></p> <p>Possible in relation to the upstream organic discharge.</p> <p><b>Action taken/ to be taken:</b></p> <p>Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checking with Contractor works and review previous monitoring data.</p> <p><b>Remarks/ Other Obs:</b></p> <p>No marine activity was conducted at TPCWAE on the monitoring date, while upstream discharge from nearby culvert was noted. In view of no marine activity was conducted and no exceedance was recorded on the subsequent monitoring, the exceedance was considered not related to the Project works.</p>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W031	9-Mar-16	Mid-ebb	RW21-P789	DO(mg/l)	8.38	3.66	3.28	Possible reason:
				Turbidity	10.81	8.04	9.49	Action taken/ to be taken:
				SS	11.50	13.00	14.43	Remarks/ Other Obs:
								<p>Overflow of contaminated surface runoff into nearby waters at WCR2 site area was observed during monitoring and affecting the water quality within the silt screen enclosed waterbody at RW21-P789 WQM station.</p> <p>Immediate repeat in-situ measurement to confirm the exceedances. The water turbidity level of repeated measurement at the same monitoring location on the same date and tide was: <u>9 March 2016 ebb tide 11.09 NTU</u>. The Contractor of HK/2009/02 was immediately advised to take remedial action to rectify the defects observed.</p> <p>Rectification measures including provision of water pump to direct the contaminated surface runoff to the nearby collection point and reinforcement of concrete bunding at the concerned location to prevent further surface runoff were implemented by the Contractor of HK/2009/02 on 9 March 2016.</p> <p>Subsequent monitoring was conducted on 9 March 2016 flood tide and limit level exceedance of water turbidity was recorded: <u>9 March 2016 flood tide is 9.78 NTU</u>. Hence, additional monitoring in accordance with the Event and Action Plan was conducted on 10 March 2016. No further turbidity exceedance was recorded during the additional monitoring conducted on 10 March 2016: <u>10 March 2016 3.05 NTU</u></p> <p>Despite no marine construction activities was conducted under Contract HK/2009/02 during the monitoring period on 9 March 2016, overflow of contaminated surface runoff into nearby waters at WCR2 site area was observed during monitoring and affecting the water quality within and outside the silt screen enclosed waterbody at RW21-P789 WQM station. As such, it was concluded that the exceedance was project related and the Contractor of HK/2009/02 was immediately advised to take immediate action to rectify the defects observed. Relevant mitigation measures including provision of water pump to direct the contaminated surface runoff to the nearby collection point and reinforcement of concrete bunding at the concerned location to prevent further surface runoff were implemented by the Contractor of HK/2009/02 on 9 March 2016. Additional monitoring was conducted on 10 March 2016 and the water quality at the concerned location has returned to normal level during the additional monitoring on 10 March 2016. Nevertheless, the contractor was reminded to maintain regular checking of the installed silt screen at WQM station RW21-P789.</p>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W032	9-Mar-16	Mid-flood	RW21-P789	DO(mg/l)	6.84	3.66	3.28	<b>Possible reason:</b> Overflow of contaminated surface runoff into nearby waters at WCR2 site area affecting the water quality within the silt screen enclosed waterbody at RW21-P789 WQM station.
				Turbidity	9.78	8.04	9.49	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement to confirm the exceedances. The water turbidity level of repeated measurement at the same monitoring location on the same date and tide was: <u>9 March 2016 flood tide 10.14 NTU</u> . The Contractor of HK/2009/02 was immediately advised to take remedial action to rectify the defects observed.
				SS	6.50	13.00	14.43	<b>Remarks/ Other Obs:</b> Rectification measures including provision of water pump to direct the contaminated surface runoff to the nearby collection point and reinforcement of concrete bunding at the concerned location to prevent further surface runoff were implemented by the Contractor of HK/2009/02 on 9 March 2016. Additional monitoring was conducted on 10 March 2016 and no further turbidity exceedance was recorded during the additional monitoring on 10 March 2016: <u>10 March 2016 3.05 NTU</u> . Despite no marine construction activities was conducted under Contract HK/2009/02 during the monitoring period on 9 March 2016, overflow of contaminated surface runoff into nearby waters at WCR2 site area was observed during monitoring and affecting the water quality within and outside the silt screen enclosed waterbody at RW21-P789 WQM station. As such, it was concluded that the exceedance was project related and the Contractor of HK/2009/02 was immediately advised to take immediate action to rectify the defects observed. Relevant mitigation measures including provision of water pump to direct the contaminated surface runoff to the nearby collection point and reinforcement of concrete bunding at the concerned location to prevent further surface runoff were implemented by the Contractor of HK/2009/02 on 9 March 2016. Additional monitoring was conducted on 10 March 2016 and the water quality at the concerned location has returned to normal level during the additional monitoring on 10 March 2016. Nevertheless, the contractor was reminded to maintain regular checking of the installed silt screen at WQM station RW21-P789.
X_16W033	21-Mar-16	Mid-ebb	WSD19	DO(mg/l)	7.8	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.27	8.04	9.49	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	13.00	14.43	<b>Remarks/ Other Obs:</b> Despite trimming of grade 400 rock mound profile was conducted under Contract HK/2012/08 at Zone D on the monitoring date, contractor mitigation measures including the use of localized silt curtain was generally in place. The construction area was located at downstream of WSD19 monitoring station during the monitoring period. In view of the above and no exceedance was recorded on the subsequent monitoring, it was considered that the exceedance was not project related.



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_16W034	23-Mar-16	Mid-ebb	WSD19	DO(mg/l)	6.6	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.39	8.04	9.49	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.59	13.00	14.43	<b>Remarks/ Other Obs:</b> Despite trimming of grade 400 rock mound profile was conducted under Contract HK/2012/08 at Zone D on the monitoring date, contractor mitigation measures including the use of localized silt curtain was generally in place. The construction area was located at downstream of WSD19 monitoring station during the monitoring period. In view of the above and no exceedance was recorded on the subsequent monitoring, it was considered that the exceedance was not project related.