



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A049	3-Jun-17	8:45	CMA5b- Pedestrian Plaza	2064.7	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: Elevated TSP level potentially in relate to localized ambient condition and non-construction activity around the monitoring station during the monitoring period.</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. Nevertheless, non WDII-CWB Project construction activities and traffic was observed opposite to the monitoring station was observed on the monitoring date. In addition, it was further observed that garden and sweeping works conducted directly at the monitoring station by Pedestrian Plaza management office could potentially contribute to the elevated particulates level in the vicinity of the monitoring equipment. 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_16A050	3-Jun-17	8:45	CMA5b- Pedestrian Plaza	2064.7	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: Elevated TSP level potentially in relate to localized ambient condition and non-construction activity around the monitoring station during the monitoring period.</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: Manhole installation 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 concrete paving for haul road were implemented. Nevertheless, non WDII-CWB Project construction activities and traffic was observed opposite to the monitoring station was observed on the monitoring date. In addition, it was further noted that garden and sweeping works conducted periodically at the monitoring station by Pedestrian Plaza management office could potentially contribute to the elevated particulates level in the vicinity of the monitoring equipment. 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>
X_16A052	3-Jun-17	8:45	CMA1b - Oil Street Site Office	506.4	1hr TSP (ug/m ³)	320.1	500	<p>Possible reason: Elevated TSP level potentially in relate to localized ambient condition around the monitoring station during the monitoring period.</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 HY/2009/19 and no particular observation regarding air quality impact was observed during sampling and dust mitigation measure including haul road and dusty surface maintained in dampened condition were generally implemented. In view of the above, the exceedance was considered to be non-project related and potentially contributed by localized ambient condition and other environmental factor. Nevertheless, the Contractor of HY/2009/19 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>

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N073	31-May-17	13:50	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored 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 under EP-376/2009 was conducted by Contract HK/2012/08 around the concerned location during the time of measurement while bored 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_16N074	31-May-17	13:50	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored 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: Re-bar and formwork fixing at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement. No major noise was observed from the above construction activities while bored 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_16N075	31-May-17	13:50	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored 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 works was conducted under Contract HK/2009/01 during the time of measurement while breaking and drilling operation 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_16N077	8-Jun-17	14:00	M1a-Harbour Road Sports Centre	80	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored 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 concreting works at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement, no major noise was observed from the above construction activities while bored 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>

Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N078	8-Jun-17	14:00	M1a-Harbour Road Sports Centre	80	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored 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 works was conducted under Contract HK/2009/01 during the time of measurement while bored 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_16N080	13-Jun-17	13:50	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored piling and drilling 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 rebar fixing works at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement, no major noise was observed from the above construction activities while bored piling and drilling 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_16N081	13-Jun-17	13:50	M1a-Harbour Road Sports Centre	78	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored piling and drilling 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 works was conducted under Contract HK/2009/01 during the time of measurement while bored piling and drilling 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_16N082	8-Jun-17	10:03	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: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Despite lifting works by crane was conducted under HY/2009/19 around the monitoring location, no particular noise was observed from the construction activities and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_16N083	16-Jun-17	9:30	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: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No construction 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>
X_16N084	19-Jun-17	10:45	M6 - HK Baptist Church Henrietta Secondary School	68	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: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Despite dismantling of falsework works by crane was conducted under HY/2009/19 around the monitoring location, 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_16N086	22-Jun-17	13:55	M1a-Harbour Road Sports Centre	79	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored piling and 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 works at Portion 5 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement, no major noise was observed from the above construction activities while bored piling and 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>
X_16N087	22-Jun-17	13:55	M1a-Harbour Road Sports Centre	79	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Bored piling and 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 works was conducted under Contract HK/2009/01 during the time of measurement while bored piling and 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>
X_16N089	26-Jun-17	16:11	M1a-Harbour Road Sports Centre	81	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Drilling 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 rebar fixing were conducted under Contract HK/2009/02 around the concerned location during the time of measurement, no major noise was observed from the above construction activities while drilling 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_16N090	26-Jun-17	16:11	M1a-Harbour Road Sports Centre	81	Leq(30min)	when one documented complaint was received.	75	<p>Possible reason: Drilling 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 works was conducted under Contract HK/2009/01 during the time of measurement while drilling 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	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C074	21-Jun-17	Mid-ebb	C7	DO(mg/l)	5.32	3.02	2.44	Possible reason: Turbid dispersion from seawall block lifting operation opposite to monitoring location was observed during monitoring and considered as the major factor affecting the water quality at the time of sampling.
				Turbidity	16.94	11.35	12.71	Action taken/ to be taken: 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>21 June 2017 ebb tide 16.94 NTU</u> . The Contractor of HY/2010/08 was immediately advised to take remedial action to rectify the defects observed.
				SS	15.50	18.42	27.54	Rectification measures including reinstatement of deployed impermeable barriers and silt curtain, conducting cleaning and inspection of silt screen and silt curtain at the concerned water intake location and implement water flushing at the concerned water intake storage tank were observed implemented by 23 June 2017.
								Remarks/ Other Obs: Monitoring was conducted on 21 June 2017 flood tide and limit level exceedance of water turbidity was recorded: <u>21 June 2017 flood tide 21.02 NTU</u> . Additional monitoring in accordance with the Event and Action Plan was conducted on 22 June 2017 and limit level exceedance of water turbidity was recorded: <u>22 June 2017 15.92 NTU</u> . No further turbidity exceedance was recorded on the subsequent monitoring conducted on 23 June 2017: <u>23 June 2017 ebb tide 5.26 NTU</u> . Removal of seawall block opposite to the monitoring location was conducted under Contract HY/2010/08 during the monitoring period on 21 June 2017 and turbid dispersion was observed generated from the works area and affecting the water quality at the concerned Windsor House cooling water intake during monitoring sampling. As such, it was considered that the turbidity exceedance was related to HY/2010/08 Project works and the Contractor of HY/2010/08 was immediately advised to take immediate action to rectify the defects observed and conduct a remediation plan on checking the water holding tank and silt screen installed at the concerned monitoring location to ensure the water quality of the concerned location would not be adversely affected. Rectification measures including reinstatement of deployed impermeable barriers and silt curtain, conducting cleaning and inspection of silt screen and silt curtain at the concerned water intake location and implement water flushing at the concerned water intake storage tank were observed implemented by 23 June 2017. Additional monitoring in accordance with the Event and Action Plan was conducted on 22 June 2017 and limit level exceedance of water turbidity was recorded: <u>22 June 2017 15.92 NTU</u> . No further turbidity exceedance was recorded on the subsequent monitoring conducted on 23 June 2017: <u>23 June 2017 ebb tide 5.26 NTU</u> .



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C075	21-Jun-17	Mid-flood	C7	DO(mg/l)	5.38	3.02	2.44	Possible reason: Turbid dispersion from seawall block lifting operation opposite to monitoring location was observed during monitoring and considered as the major factor affecting the water quality at the time of sampling.
				Turbidity	21.02	11.35	12.71	Action taken/ to be taken: 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>21 June 2017 flood tide 21.64 NTU</u> . The Contractor of HY/2010/08 was immediately advised to take remedial action to rectify the defects observed.
				SS	23.50	18.42	27.54	Remarks/ Other Obs: Rectification measures including reinstatement of deployed impermeable barriers and silt curtain, conducting cleaning and inspection of silt screen and silt curtain at the concerned water intake location and implement water flushing at the concerned water intake storage tank were implemented by 23 June 2017. Additional monitoring in accordance with the Event and Action Plan was conducted on 22 June 2017 and limit level exceedance of water turbidity was recorded: <u>22 June 2017 15.92 NTU</u> . No further turbidity exceedance was recorded on the subsequent monitoring conducted on 23 June 2017: <u>23 June 2017 ebb tide 5.26 NTU</u> , and no further suspended solid exceedance was recorded on the subsequent monitoring on 23 June 2017: <u>23 June 2017 ebb tide 3.50mg/L</u> . Removal of seawall block opposite to the monitoring location was conducted under Contract HY/2010/08 during the monitoring period on 21 June 2017 and turbid dispersion was observed generated from the works area and affecting the water quality at the concerned Windsor House cooling water intake during monitoring sampling. As such, it was considered that the turbidity and suspended solid exceedances were related to HY/2010/08 Project works and the Contractor of HY/2010/08 was immediately advised to take immediate action to rectify the defects observed and conduct a remediation plan on checking the water holding tank and silt screen installed at the concerned monitoring location to ensure the water quality of the concerned location would not be adversely affected. Rectification measures including reinstatement of deployed impermeable barriers and silt curtain, conducting cleaning and inspection of silt screen and silt curtain at the concerned water intake location and implement water flushing at the concerned water intake storage tank were observed implemented by 23 June 2017. Additional monitoring in accordance with the Event and Action Plan was conducted on 22 June 2017 and limit level exceedance of water turbidity was recorded: <u>22 June 2017 15.92 NTU</u> . No further turbidity exceedance was recorded on the subsequent monitoring conducted on 23 June 2017: <u>23 June 2017 ebb tide 5.26 NTU</u> , and no further suspended solid exceedance was recorded on the subsequent monitoring on 23 June 2017: <u>23 June 2017 ebb tide 3.50mg/L</u> .

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C076	23-Jun-17	Mid-flood	C7	DO(mg/l)	5.27	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	15.23	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	15.50	18.42	27.54	Remarks/ Other Obs: Despite D-wall excavation at TS3E was conducted under Contract HY/2010/08 on the monitoring date, Contractor mitigation measures such as deployment of impermeable barriers and silt curtain was generally in order, and the installed silt screen at the concerned water intake location was generally in order. No particular observation regarding water quality impact was observed during monitoring sampling period. In view of the above, it is considered that there was no information to suggest the exceedance was related to Project works under Contract HY/2010/08.
X_16C077	26-Jun-17	Mid-ebb	C7	DO(mg/l)	6.28	3.02	2.44	Possible reason: Potential contamination within water holding tank with direct freshwater supply by Project works site was considered as the major factor affecting the water quality at the time of sampling.
				Turbidity	21.16	11.35	12.71	Action taken/ to be taken: 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>26 June 2017 ebb tide 21.10 NTU</u> . The Contractor of HY/2010/08 was immediately advised to take remedial action to rectify the potential contamination and defects.
				SS	27.00	18.42	27.54	Remarks/ Other Obs: Rectification measures including refushing of the concerned water holding tank and deploy an additional silt curtain at the concerned water intake pump as enhancement measure upon resumption of seawater supply were implemented on 27 June 2017. Additional monitoring in accordance with the Event and Action Plan was conducted on 27 June 2017, and no further turbidity exceedance was recorded: <u>27 June 2017 ebb tide 5.10 NTU</u> . No further suspended solid exceedance was recorded on the subsequent monitoring on 28 June 2017: <u>28 June 2017 flood tide 2.00mg/L</u> . Underwater excavation at TS3E was conducted under Contract HY/2010/08 during the monitoring period on 26 June 2017. Owing to the malfunctioning of seawater pump on 26 June 2017 flood tide, fresh water was directly supplied to the storage holding tank for water supply to Windsor House Intake. Subsequently, during the sampling event on 26 June 2017 during ebb tide, turbidity and suspended solid exceedances were recorded at the water holding tank and hence it was considered potential contamination within water holding tank with direct freshwater supply by Project works site and affecting the water quality at the concerned Windsor House cooling water intake. As such, it was considered that the turbidity and suspended solid exceedances were related to HY/2010/08 Project works and the Contractor of HY/2010/08 was immediately advised to take immediate action to rectify the water quality concern observed and prepare the remediation plan according to the Event and Action Plan to address the water quality concern. Remedial measures including refushing the concerned water holding tank and deploy an additional silt curtain at the concerned water intake location were implemented on 27 June 2017. Additional monitoring in accordance with the Event and Action Plan was conducted on 27 June 2017 and no further turbidity exceedance was recorded: <u>27 June 2017 ebb tide 5.10 NTU</u> . No further suspended solid exceedance was recorded on the subsequent monitoring on 28 June 2017: <u>28 June 2017 flood tide 2.00mg/L</u> .