



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A057	26-Oct-17	13:00	CMA1b - Harbour Grand Hotel Boundary Wall	821.6	1hr TSP (ug/m ³)	320.1	500	<p>Possible reason: Elevated TSP level potentially in relate to non-construction activities vehicle exhaust 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: Despite excavation, breaking works and pile head trimming works were undertaken around the monitoring location on the monitoring date at the under Contractor of HY/2009/19, dust mitigation measure including water spraying for breaking works and haul road were generally implemented by the Contractor. Meanwhile, it was observed that vehicle exhaust from non-construction works was observed as the major factor affecting the monitoring station during monitoring period. In view of the above, the exceedance was considered as non-Project related.</p>
X_16A059	26-Oct-17	17:00	CMA5b- Pedestrian Plaza	485.5	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to the ambient condition 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 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 was observed opposite to the monitoring station on the monitoring date. Meanwhile, it was noted that the EPD AQHI for Causeway Bay District was recorded as level 7 during the monitoring period, indicating a high level of air pollution in the area affecting the ambient air quality condition. In view of the above, the exceedance was considered to be non-project related 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>
X_16A060	26-Oct-17	17:00	CMA5b- Pedestrian Plaza	485.5	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: TSP level potentially in relate to the ambient condition 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: Road and drains works was undertaken under Contract HK/2012/08 around the monitoring location on the monitoring date and no particular observation regarding air quality impact was observed during sampling. Nevertheless, non WDII-CWB Project construction activities was observed opposite to the monitoring station on the monitoring date and dust mitigation including water spraying for haul road was generally implemented. Meanwhile, it was noted that the EPD AQHI for Causeway Bay District was recorded as Level 7 during the monitoring period, indicating a high level of air pollution in the area affecting the ambient condition. In view of the above, the exceedance was considered to be non-project related and potentially contributed by ambient air quality condition. Nevertheless, the Contractor of HK/2012/08 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>



Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W094	3-Oct-17	Mid-flood	WSD19	DO(mg/l)	5.74	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.00	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	11.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 5 October 2017 ebb tide.
X_16W095	7-Oct-17	Mid-ebb	WSD19	DO(mg/l)	6.66	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.12	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	13.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of the above, it is considered that the turbidity and suspended solid exceedances were not related to Project works.
X_16W096	7-Oct-17	Mid-flood	WSD19	DO(mg/l)	5.69	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.30	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	14.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of the above, it is considered that the turbidity and suspended solid exceedances were not related to Project works.
X_16W097	9-Oct-17	Mid-flood	WSD19	DO(mg/l)	3.30	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.12	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	17.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of the above, it is considered that the DO, turbidity and suspended solid exceedances were not related to Project works.



Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W098	9-Oct-17	Mid-flood	RW21-P789	DO(mg/l)	4.50	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.85	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.00	13.00	14.43	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, it is considered that the exceedance was not related to Project works.
X_16W099	9-Oct-17	Mid-ebb	WSD19	DO(mg/l)	4.52	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.90	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works.
X_16W100	9-Oct-17	Mid-ebb	RW21-P789	DO(mg/l)	3.63	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.31	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.50	13.00	14.43	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 and considering transition period from wet season to dry season, it is considered that the DO and turbidity exceedances were not related to Project works.
X_16W101	11-Oct-17	Mid-flood	WSD19	DO(mg/l)	5.36	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.23	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	14.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the turbidity and suspended solid exceedances were not related to Project works. No exceedance was recorded in the subsequent monitoring on 11 October 2017 ebb tide.

Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W101	11-Oct-17	Mid-flood	RW21-P789	DO(mg/l)	5.26	3.66	3.28	<p>Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.</p> <p>Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.</p> <p>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, it is considered that the turbidity and suspended solid exceedances were not related to Project works.</p>
				Turbidity	11.12	8.04	9.49	
				SS	14.50	13.00	14.43	
X_16W102	14-Oct-17	Mid-ebb	WSD19	DO(mg/l)	5.88	3.66	3.28	<p>Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.</p> <p>Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.</p> <p>Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of no construction activities conducted and considering transition from wet season to dry season, it is considered that the turbidity and suspended solid exceedances were not related to Project works.</p>
				Turbidity	9.02	8.04	9.49	
				SS	13.50	13.00	14.43	
X_16W103	14-Oct-17	Mid-ebb	RW21-P789	DO(mg/l)	5.32	3.66	3.28	<p>Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.</p> <p>Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.</p> <p>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, it is considered that the exceedance was not related to Project works.</p>
				Turbidity	12.22	8.04	9.49	
				SS	6.00	13.00	14.43	
X_16W104	14-Oct-17	Mid-flood	WSD19	DO(mg/l)	5.30	3.66	3.28	<p>Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.</p> <p>Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.</p> <p>Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to Project works.</p>
				Turbidity	11.01	8.04	9.49	
				SS	11.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W105	16-Oct-17	Mid-ebb	WSD19	DO(mg/l)	6.64	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.81	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	11.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of no construction activities conducted, it is considered that the exceedance was not related to Project works.
X_16W106	16-Oct-17	Mid-flood	WSD19	DO(mg/l)	7.43	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.58	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	9.50	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to Project works.
X_16W107	16-Oct-17	Mid-flood	RW21-789	DO(mg/l)	6.57	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	8.93	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.50	13.00	14.43	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 and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.
X_16W108	18-Oct-17	Mid-ebb	WSD19	DO(mg/l)	5.51	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.86	8.04	9.49	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	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of no construction activities conducted, it is considered that the turbidity and suspended solid exceedances were not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 flood tide.

Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W109	18-Oct-17	Mid-ebb	RW21-P789	DO(mg/l)	5.74	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	8.65	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	13.00	14.43	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 and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 flood tide.
X_16W110	20-Oct-17	Mid-ebb	WSD19	DO(mg/l)	5.73	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	8.33	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of no construction activity and considering transition period from wet season to dry season, it is considered the exceedance was not related to Project work. No exceedance was recorded in the subsequent monitoring on 20 October 2017 flood tide.
X_16W111	20-Oct-17	Mid-ebb	RW21-P789	DO(mg/l)	5.39	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.21	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	9.00	13.00	14.43	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, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 20 October 2017 flood tide.
X_16W112	23-Oct-17	Mid-flood	RW21-P789	DO(mg/l)	5.56	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.40	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	10.50	13.00	14.43	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, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 23 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters	Measured	Action Level	Limit	Follow-up action
X_16W113	23-Oct-17	Mid-ebb	WSD19	DO(mg/l)	5.61	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	8.73	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station WSD19 during the monitoring period. In view of no construction activity and considering transition period from wet season to dry season, it is considered the exceedance was not related to Project work. No exceedance was recorded in the subsequent monitoring on 25 October 2017 ebb tide.
X_16W114	25-Oct-17	Mid-flood	WSD19	DO(mg/l)	6.01	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.52	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.00	13.00	14.43	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activity and considering transition period from wet season to dry season, it is considered the exceedance was not related to Project work. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.
X_16W115	25-Oct-17	Mid-flood	RW21-P789	DO(mg/l)	5.56	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.91	8.04	9.49	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.50	13.00	14.43	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, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C096	7-Oct-17	Mid-ebb	C7	DO(mg/L)	6.28	3.36	2.73	<p>Possible reason:</p> <p>Muddy dispersion originated from underwater diaphragm wall cleaning works adjacent to monitoring location was identified during monitoring and incomplete installed Silt Screen for Windsor House Water Intake were considered as the major factors to the affected water quality.</p> <p>Action taken/ to be taken:</p> <p>Immediate repeat in-situ measurement to confirm the exceedances. The Contractor of HY/2010/08 was immediately advised to take remedial action to rectify the defects identified</p> <p>Water quality monitoring was conducted on 07 October 2017 during ebb tide at 1205hrs and action level exceedance of Turbidity (10.05 NTU) was recorded. Subsequent monitoring was conducted on 07 October 2017 during flood tide at 1700hrs and limit level exceedances of Turbidity (40.75NTU) and Suspended Solid (43.00mg/L) were subsequently recorded.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 08 October 2017 and limit level exceedance of Turbidity (10.42 NTU) was recorded.</p> <p>Water quality monitoring was conducted on subsequent sampling date on 09 October 2017 during flood tide at 0935hrs and action level exceedance of Turbidity (9.79NTU) was recorded. Meanwhile, no further Suspended Solid exceedance was recorded on 09 October 2017 during flood tide at 0935hrs.</p> <p>Water quality monitoring was subsequently conducted on 09 October 2017 during ebb tide at 1357hrs and limit level exceedance of Turbidity (12.86NTU) was recorded.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 10 October 2017 and no further Turbidity exceedance was recorded.</p> <p>Upon identification of defects on 07 October 2017, rectification measures including reinstatement of the silt screen installed for Windsor House Water Intake ; cleaning of water holding tank, and provide mitigation measures including impermeable barrier around underwater cleaning works area, as appropriate under the Contractor HY/2010/08 were implemented by 11 October 2017.</p> <p>Water Quality Monitoring was conducted on 07 October 2017 during ebb tide and flood tide, and action level exceedance of Turbidity was recorded on 07 October 2017 ebb tide and limit level exceedance of Turbidity and Suspended Solid was recorded on 07 October 2017 flood tide. <u>Underwater diaphragm wall cleaning works</u> was conducted adjacent to the monitoring location on the monitoring date and the works was considered as the major contribute to the affected water quality. Meanwhile, <u>the installed Silt Screen for Windsor House Water Intake was found incomplete</u> according to the submitted Silt Screen Deployment Plan. Hence, the exceedances recorded were considered as Project related.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 08 October 2017, limit level exceedance of Turbidity was recorded. No underwater works was observed at the concerned location while the <u>silt screen was remain defective</u>.</p> <p>Subsequently, water quality monitoring was conducted on the next sampling date on 09 October 2017 during flood tide and action level exceedance of Turbidity was recorded while no further Suspended Solid exceedance was recorded during the same monitoring tide. However, <u>underwater diaphragm wall cleaning works with muddy dispersion</u> adjacent to monitoring location was observed on-going with <u>defective silt screen</u> conducted on 09 October 2017 during flood tide and the exceedances was therefore considered as Project related.</p> <p>At subsequent water quality monitoring on 09 October 2017 during ebb tide, limit level exceedance of Turbidity was recorded. <u>Underwater diaphragm wall cleaning works with muddy dispersion</u> adjacent to monitoring location was observed while the <u>silt screen was remain defective</u> conducted on 09 October 2017 during ebb tide and the exceedances was therefore considered as Project related. The Contractor of HY/2010/08 was advised to implement proper rectification prior to conducting further underwater cleaning works to avoid further water quality impact.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 10 October 2017 and no further Turbidity exceedance was recorded. <u>No further underwater cleaning works</u> was observed during monitoring sampling on 10 October 2017 while the <u>silt screen was observed remained to be</u> On 11 October 2017, rectification measures including reinstatement of the silt screen installed for Windsor House Water Intake; cleaning of water holding tank, and provide mitigation measures including impermeable barrier around underwater cleaning works area, as appropriate, were implemented under the Contractor HY/2010/08. The Contractor was reminded to maintain regular checking and maintenance for silt screen installed and the water holding tank to avoid potential water quality impact.</p>
				Turbidity (NTU)	10.05	9.10	10.25	
				SS (mg/L)	8.00	15.00	22.13	
	7-Oct-17	Mid-flood	C7	DO(mg/L)	5.47	3.36	2.73	
				Turbidity (NTU)	40.75	9.10	10.25	
				SS (mg/L)	43.00	15.00	22.13	
	9-Oct-17	Mid-flood	C7	DO(mg/L)	5.44	3.36	2.73	
				Turbidity (NTU)	9.79	9.10	10.25	
				SS (mg/L)	9.50	15.00	22.13	
	9-Oct-17	Mid-ebb	C7	DO(mg/L)	4.40	3.36	2.73	
				Turbidity (NTU)	12.86	9.10	10.25	
				SS (mg/L)	9.50	15.00	22.13	
								<p>Remarks/ Other Obs:</p>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C097	3-Oct-17	Mid-flood	C1	DO(mg/l)	4.77	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.68	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	14.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/02 project works. No exceedance was recorded in the subsequent monitoring on 5 October 2017 ebb tide.
X_16C098	3-Oct-17	Mid-flood	P4	DO(mg/l)	4.83	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.62	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	16.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above, it is considered that the turbidity and suspended solid exceedances were not related to Project works. No exceedance was recorded in the subsequent monitoring on 5 October 2017 ebb tide.
X_16C099	3-Oct-17	Mid-flood	P5	DO(mg/l)	4.81	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	12.18	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	12.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 5 October 2017 ebb tide.
X_16C100	5-Oct-17	Mid-flood	C1	DO(mg/l)	5.71	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.63	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	11.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/02 project works. No exceedance was recorded in the subsequent monitoring on 7 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C101	5-Oct-17	Mid-flood	P4	DO(mg/l)	5.73	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.54	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 7 October 2017 ebb tide.
X_16C102	7-Oct-17	Mid-flood	C1	DO(mg/l)	5.40	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.99	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	9.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/02 project works.
X_16C103	7-Oct-17	Mid-flood	P5	DO(mg/l)	5.76	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.47	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.
X_16C104	9-Oct-17	Mid-flood	C1	DO(mg/l)	4.49	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.95	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/02 project works.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C105	9-Oct-17	Mid-flood	P1	DO(mg/l)	3.92	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.58	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P1 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works.
X_16C106	9-Oct-17	Mid-flood	P3	DO(mg/l)	4.41	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.38	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P3 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works.
X_16C107	9-Oct-17	Mid-flood	P4	DO(mg/l)	4.88	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.65	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.
X_16C108	9-Oct-17	Mid-flood	P5	DO(mg/l)	4.65	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.12	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C109	9-Oct-17	Mid-ebb	C1	DO(mg/l)	3.81	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.35	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/02 project works.
X_16C110	9-Oct-17	Mid-ebb	P4	DO(mg/l)	4.47	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.19	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activity conducted and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.
X_16C111	9-Oct-17	Mid-ebb	P5	DO(mg/l)	4.67	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.47	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activity conducted, it is considered that the exceedance was not related to Project works.
X_16C112	11-Oct-17	Mid-flood	C1	DO(mg/l)	5.59	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.40	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	14.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/02 project works. No exceedance was recorded in the subsequent monitoring on 11 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C113	11-Oct-17	Mid-flood	P3	DO(mg/l)	5.03	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.49	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	12.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P3 during monitoring period. In view of no construction activity conducted, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 11 October 2017 ebb tide.
X_16C114	11-Oct-17	Mid-flood	P4	DO(mg/l)	5.37	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.17	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	18.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during monitoring period. In view of no construction activity conducted, it is considered that the turbidity and suspended solid exceedances were not related to Project works. No exceedance was recorded in the subsequent monitoring on 11 October 2017 ebb tide.
X_16C115	11-Oct-17	Mid-flood	P5	DO(mg/l)	5.19	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.74	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	14.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during monitoring period. In view of no construction activity conducted, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 11 October 2017 ebb tide.
X_16C116	14-Oct-17	Mid-flood	C1	DO(mg/l)	5.63	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.86	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	11.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/02 project works.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C117	14-Oct-17	Mid-flood	P3	DO(mg/l)	5.48	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.79	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P3 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 16 October 2017 ebb tide.
X_16C118	14-Oct-17	Mid-flood	P4	DO(mg/l)	5.58	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.38	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	10.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 16 October 2017 ebb tide.
X_16C119	14-Oct-17	Mid-flood	P5	DO(mg/l)	5.54	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.31	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	12.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works.
X_16C120	16-Oct-17	Mid-ebb	P5	DO(mg/l)	7.45	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.29	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	6.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of the above and considering transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C121	16-Oct-17	Mid-flood	C1	DO(mg/l)	6.37	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.49	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	10.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted, it is considered that the exceedance was not related to HK/2009/02 project works.
X_16C122	16-Oct-17	Mid-flood	P1	DO(mg/l)	6.64	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.72	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	5.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P1 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 ebb tide.
X_16C123	16-Oct-17	Mid-flood	P3	DO(mg/l)	6.60	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.69	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	9.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P3 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 ebb tide.
X_16C124	16-Oct-17	Mid-flood	P4	DO(mg/l)	6.57	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	13.11	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	12.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_16C125	16-Oct-17	Mid-flood	P5	DO(mg/l)	6.45	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	11.48	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	10.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 18 October 2017 ebb tide.
X_16C126	23-Oct-17	Mid-flood	C1	DO(mg/l)	5.61	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.36	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/02 project works. No exceedance was recorded in the subsequent monitoring on 23 October 2017 ebb tide.
X_16C127	23-Oct-17	Mid-flood	P4	DO(mg/l)	5.78	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.90	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	11.00	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 23 October 2017 ebb tide.
X_16C128	23-Oct-17	Mid-flood	P5	DO(mg/l)	5.66	3.36	2.73	Possible reason:	Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	9.72	9.10	10.25	Action taken/ to be taken:	Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.50	15.00	22.13	Remarks/ Other Obs:	No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 23 October 2017 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C129	25-Oct-17	Mid-ebb	P4	DO(mg/l)	6.10	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	11.08	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. In view of no construction activities conducted and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works.
X_16C130	25-Oct-17	Mid-flood	C1	DO(mg/l)	5.60	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.01	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2009/01 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/01 project works. No marine construction activity under Contract HK/2009/02 was conducted on the monitoring date. In view of no construction activities conducted and considering transition period from wet season to dry season, it is considered that the exceedance was not related to HK/2009/02 project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.
X_16C131	25-Oct-17	Mid-flood	P1	DO(mg/l)	5.70	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	11.39	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	8.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P1 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.
X_16C132	25-Oct-17	Mid-flood	P3	DO(mg/l)	5.63	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.65	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	7.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P3 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.



Lam Geotechnics Limited

Contract No. HK/2015/01
 Wanchai Development Phase II and Central Wanchai Bypass
 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_16C133	25-Oct-17	Mid-flood	P4	DO(mg/l)	5.74	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.42	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	13.50	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P4 during the monitoring period. In view of the above, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.
X_16C134	25-Oct-17	Mid-flood	P5	DO(mg/l)	5.50	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of water quality monitoring station. Transition of action and limit level from wet season.
				Turbidity	10.82	9.10	10.25	Action taken/ to be taken: Immediate repeated in-situ measurement to confirm the exceedances. Checked with Contractor works and reviewed previous monitoring data.
				SS	9.00	15.00	22.13	Remarks/ Other Obs: No marine construction activity under Contract HK/2012/08 was conducted on the monitoring date. Location of construction site area was at downstream of monitoring station P5 during the monitoring period. In view of the above and considering the transition period from wet season to dry season, it is considered that the exceedance was not related to Project works. No exceedance was recorded in the subsequent monitoring on 27 October 2017 ebb tide.



Lam Geotechnics Limited

Contract No. HK/2015/01
Wanchai Development Phase II and Central Wanchai Bypass
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_16C135	25-Oct-17	Mid-flood	C7	DO(mg/l)	5.85	3.36	2.73	<p>Possible reason: Underwater diaphragm wall cleaning work adjacent to monitoring location was observed during monitoring while impermeable barrier deployed was not fully enclosing the works area and considered as the major factor affecting the water quality at the time of sampling.</p> <p>Action taken/ to be taken: Immediate repeat in-situ measurement to confirm the exceedance. The water turbidity level of repeated measurement at the same monitoring location on the same date and tide was: <u>25 October 2017 flood tide 17.39 NTU</u>. The Contractor of HY/2010/08 was immediately advised to take remedial action to rectify the defects observed.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 26 October 2017, no further turbidity exceedance was recorded: <u>26 October 2017 4.74NTU</u>.</p> <p>Rectification measures including i) maintained deployed impermeable barriers without openings, and ii) flushing at the affected water holding tank were implemented under the Contractor of HY/2010/08 by 26 October 2017.</p> <p>Remarks/ Other Obs: Underwater diaphragm wall cleaning work was conducted adjacent to the monitoring location under Contract HY/2010/08 during the monitoring period on 25 October 2017 while impermeable barrier deployed was not fully enclosing 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.</p> <p>Additional monitoring in accordance with the Event and Action Plan was conducted on 26 October 2017, no further turbidity exceedance was recorded: <u>26 October 2017 4.74NTU</u>.</p> <p>Rectification measures including i) maintained deployed impermeable barriers without openings, and ii) flushing at the affected water holding tank were implemented under the Contractor of HY/2010/08 by 26 October 2017. Nevertheless, the Contractor is reminded to conduct regular checking of impermeable barrier or silt curtain deployed to ensure the mitigation measures are maintained without opening and fully extended to seabed level to safeguard the water quality and nearby water intakes.</p>
				Turbidity	17.76	9.10	10.25	
				SS	8.50	15.00	22.13	