

Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A013	28-Oct-16	13:30	CMA5b- Pedestrian Plaza	359.1	1 hr TSP (ug/m <sup>3</sup> )	332.0	500	<p><b>Possible reason:</b> Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Reviewed Contractor's working procedures. Mitigation measures including maintaining haul road in dampened condition was implemented by Contractor.</p> <p><b>Remarks / Other Obs:</b> Despite formwork erection and re-bar fixing for MVB were undertaken on the monitoring date at around Pedestrian Plaza under Contractor of HK/2012/08, dust suppression measure including haul road maintained in dampened condition were implemented and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. 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_16A014	28-Oct-16	13:30	CMA5b- Pedestrian Plaza	359.1	1 hr TSP (ug/m <sup>3</sup> )	332.0	500	<p><b>Possible reason:</b> Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Reviewed contractor's working procedures.</p> <p><b>Remarks / Other Obs:</b> Noise barrier concreting works was undertaken on the monitoring date around Pedestrian Plaza under Contract HK/2009/01 and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. Nevertheless, the Contractor of HK/2009/01 was reminded to maintain regular 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	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C049	2-Nov-16	Mid-flood	C1	DO(mg/l)	4.76	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.99	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	10.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/01 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/01 construction works. No marine activity was conducted under Contract HK/2009/02 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/02 construction works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.
X_16C050	2-Nov-16	Mid-flood	P1	DO(mg/l)	4.69	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.84	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station P1. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 2 November 2016 ebb tide.
X_16C051	2-Nov-16	Mid-flood	P4	DO(mg/l)	4.63	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	10.42	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station P4. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 2 November 2016 ebb tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C052	2-Nov-16	Mid-flood	P5	DO(mg/l)	4.63	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	10.42	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station P5. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.
X_16C053	2-Nov-16	Mid-ebb	C1	DO(mg/l)	5.84	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.55	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	7.50	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/01 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/01 construction works. No marine activity was conducted under Contract HK/2009/02 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/02 construction works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 4 November 2016 ebb tide.
X_16C054	2-Nov-16	Mid-flood	P5	DO(mg/l)	5.24	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	10.23	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	9.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station P5. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 4 November 2016 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_16C055	4-Nov-16	Mid-flood	C1	DO(mg/l)	6.20	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.91	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	9.50	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/01 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/01 construction works. No marine activity was conducted under Contract HK/2009/02 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/02 construction works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.
X_16C056	4-Nov-16	Mid-flood	P4	DO(mg/l)	6.02	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.53	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	13.00	15.00	22.13	<b>Remarks/ Other Obs:</b> Placing of rockfill near Zone A2 was conducted under Contract HK/2012/08 on the monitoring date. Contractor mitigation measure including the use of silt curtain was in place. The location of site area is at downstream of monitoring station P4. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 4 November 2016 ebb tide.
X_16C057	9-Nov-16	Mid-ebb	P1	DO(mg/l)	5.59	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	4.08	9.10	10.25	<b>Action taken/ to be taken:</b> Checking with Contractor works and review previous monitoring data.
				SS	20.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to project works. No exceedance was recorded on the subsequent monitoring on 9 November 2016 flood tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16C058	9-Nov-16	Mid-ebb	P4	DO(mg/l)	5.39	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	4.48	9.10	10.25	<b>Action taken/ to be taken:</b> Checking with Contractor works and review previous monitoring data.
				SS	22.50	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to project works. No exceedance was recorded on the subsequent monitoring on 9 November 2016 flood tide.
X_16C059	9-Nov-16	Mid-ebb	P5	DO(mg/l)	5.16	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	4.36	9.10	10.25	<b>Action taken/ to be taken:</b> Checking with contractor works and review previous monitoring data.
				SS	19.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to project works. No exceedance was recorded on the subsequent monitoring on 9 November 2016 flood tide.
X_16C060	9-Nov-16	Mid-flood	C7	DO(mg/l)	4.70	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	12.24	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	20.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HY/2009/15 at Causeway Bay Typhoon Shelter on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HY/2009/15 construction works. No marine activity was conducted under Contract HY/2010/08 on the monitoring date, and the installed silt screen was in place. In view of the above, it was considered that the turbidity and suspended solid exceedances were not project related. Nevertheless, the Contractor was reminded to implement regular maintenance and cleaning at the installed silt screen and water holding tank to avoid potential accumulation of particulates to the concern cooling water intake. No turbidity and suspended solid exceedance was recorded on the subsequent monitoring on 11 November 2016 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_16C061	14-Nov-16	Mid-flood	C1	DO(mg/l)	5.28	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.41	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	15.00	15.00	22.13	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/01 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/01 construction works. No marine activity was conducted under Contract HK/2009/02 on the monitoring date. In view of no marine construction activity, the exceedance was considered not related to Contract HK/2009/02 construction works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on subsequent monitoring 16 November 2016 flood tide.
X_16C062	14-Nov-16	Mid-flood	P5	DO(mg/l)	5.18	3.36	2.73	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water abstraction location for the water quality monitoring station.
				Turbidity	9.49	9.10	10.25	<b>Action taken/ to be taken:</b> Immediate repeated in-situ measurement had conducted to confirm the exceedances. Checking with Contractor works and review previous monitoring data.
				SS	12.00	15.00	22.13	<b>Remarks/ Other Obs:</b> Placing of rockfill near Culvert L was conducted under Contract HK/2012/08 on the monitoring date. Contractor mitigation measure including the use of silt curtain was in place. The location of site area is at downstream of monitoring station P5. In view of the above, the exceedance was considered not related to project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 16 November 2016 flood tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W060	28-Oct-16	Mid-ebb	WSD19	DO(mg/l)	6.14	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.13	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	8.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine construction activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area was at downstream of monitoring station WSD19. In view of the above, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 28 October 2016 during flood tide.
X_16W061	28-Oct-16	Mid-flood	RW21-P789	DO(mg/l)	6.3	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.38	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	5.00	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/02 on the monitoring date and the installed silt screen was generally in order. In view of no marine activity was conducted, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 31 October 2016 during ebb tide.
X_16W062	31-Oct-16	Mid-ebb	WSD19	DO(mg/l)	6.04	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	15.01	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	14.00	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of the site area is at downstream of monitoring station WSD19. In view of no marine activity, the turbidity and suspended solid exceedances were considered not project related. No exceedance was recorded on the subsequent monitoring on 31 October 2016 flood tide.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W063	31-Oct-16	Mid-flood	RW21-P789	DO(mg/l)	5.38	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.09	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	10.00	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/02 on the monitoring date and the installed silt screen was generally in order. In view of no marine activity was conducted, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.
X_16W064	2-Nov-16	Mid-flood	RW21-P789	DO(mg/l)	4.34	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.29	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	8.00	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/02 on the monitoring date and the installed silt screen was generally in order. In view of no marine activity was conducted, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 2 November 2016 ebb tide.
X_16W065	2-Nov-16	Mid-flood	WSD19	DO(mg/l)	4.21	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.12	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	8.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. In view of no marine activity, the exceedance was considered not project related.





Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W066	2-Nov-16	Mid-ebb	WSD19	DO(mg/l)	4.63	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	9.04	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	8.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine construction activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area was at downstream of monitoring station WSD19. In view of the above, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 4 November 2016 during ebb tide.
X_16W067	4-Nov-16	Mid-flood	RW21-P789	DO(mg/l)	5.61	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.76	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	20.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/02 on the monitoring date and the installed silt screen was generally in order. In view of no marine activity was conducted, the exceedances of turbidity and suspended solid were considered not project related. No exceedance was recorded on the subsequent monitoring on 2 November 2016 ebb tide.
X_16W068	9-Nov-16	Mid-ebb	WSD19	DO(mg/l)	5.55	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	5.52	8.04	9.49	<b>Action taken/ to be taken:</b> Checking with Contractor works and review previous monitoring data.
				SS	21.00	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station WSD19. In view of no marine activity, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 9 November 2016 ebb tide.
X_16W069	9-Nov-16	Mid-flood	WSD19	DO(mg/l)	4.97	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.22	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	9.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine construction activity was conducted under Contract HK/2012/08 on the monitoring date. In view of the above, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16W070	11-Nov-16	Mid-ebb	WSD19	DO(mg/l)	6.06	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.54	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	10.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine construction activity was conducted under Contract HK/2012/08 on the monitoring date. The location of site area is at downstream of monitoring station WSD19. In view of the above, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 11 November 2016 flood tide.
X_16W071	11-Nov-16	Mid-flood	RW21-P789	DO(mg/l)	5.2	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	8.38	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	11.50	13.00	14.43	<b>Remarks/ Other Obs:</b> No marine activity was conducted under Contract HK/2009/02 on the monitoring date and the installed silt screen was generally in order. In view of no marine activity was conducted, the exceedance was considered not project related. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 2 November 2016 ebb tide.
X_16W072	14-Nov-16	Mid-flood	WSD19	DO(mg/l)	5.03	3.66	3.28	<b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of water quality monitoring station.
				Turbidity	10.64	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	12.50	13.00	14.43	<b>Remarks/ Other Obs:</b> Placing of rockfill near Culvert L was conducted under Contract HK/2012/08 on the monitoring date. Contractor mitigation measures including the use of silt curtain was in place. In view of the above, the exceedance was considered not project related. No exceedance was recorded on the subsequent monitoring on 16 November 2016 flood tide.



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16D0051	2-Nov-16	Mid-flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.65	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> Removal of marine sediment was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date. Contractor mitigation measures including use of silt curtain was in place while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period.</p>
X_16D0052	2-Nov-16	Mid-ebb	Ex-WPCWA SE	Bottom	DO(mg/l)	4.98	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> Removal of marine sediment was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date. Contractor mitigation measures including use of silt curtain was in place while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 4 November 2016 ebb tide.</p>
X_16D0053	14-Nov-16	Mid-flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.73	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> D-wall cutting was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date, no particular observation regarding water quality impact was observed during sampling. No dredging works was conducted on the monitoring date while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was considered not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 16 November 2016 flood tide.</p>
X_16D0054	18-Nov-16	Mid-flood	Ex-WPCWA SE	Surface	DO(mg/l)	4.03	4.26	3.61	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> D-wall cutting was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date, no particular observation regarding water quality impact was observed during sampling. No dredging works was conducted on the monitoring date while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was considered not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 21 November 2016 ebb tide.</p>



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_16D0055	18-Nov-16	Mid-flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.65	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> D-wall cutting was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date, no particular observation regarding water quality impact was observed during sampling. No dredging works was conducted on the monitoring date while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was considered not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 21 November 2016 ebb tide.</p>
X_16D0056	21-Nov-16	Mid-flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.90	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> D-wall cutting was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date, no particular observation regarding water quality impact was observed during sampling. No dredging works was conducted on the monitoring date while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was considered not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 23 November 2016 ebb tide.</p>
X_16D0056	23-Nov-16	Mid-flood	Ex-WPCWA SE	Bottom	DO(mg/l)	5.02	5.36	5.35	<p><b>Possible reason:</b> Possible in relation to the nearby upstream organic discharge and associated variation of water quality within Ex-PCWA area.</p> <p><b>Action taken/ to be taken:</b> 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> D-wall cutting was conducted under Contract HY/2009/15 at TPCWAW on the monitoring date, no particular observation regarding water quality impact was observed during sampling. No dredging works was conducted on the monitoring date while upstream discharge from nearby culvert was noted. In view of the above, the exceedance was considered not related to Project works. In addition, it was noted that despite the action and limit level for dry season water quality monitoring was effective from 01 October 2016, the concerned water temperature was observed varying around the typical wet season water temperature in the reporting period. No exceedance was recorded on the subsequent monitoring on 25 November 2016 ebb tide.</p>