

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_10C387	8-Jun-12	Mid-Ebb	C2	DO (mg/L)	2.43	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide
				Turbidity (NTU)	5.36	11.35	12.71	Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. According to the information reported by Contractor HK/2010/06 and HK/2009/01 on 8 June 2012, sheet piling and pile head concrete drilling under HK/2010/06 and filling at HKCEC water channel under HK/2009/01 were conducted on that day. Checking with the Contractor and RSS daily records, the floating debris inside silt screen was found and removed immediately after inspection. The silt screen and silt curtain were observed in proper condition during water monitoring.
				SS (mg/L)	7.00	18.42	27.54	Remarks / Other Obs: In view that silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
X_10C388	8-Jun-12	Mid-Ebb	C4e	DO (mg/L)	2.92	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide
				Turbidity (NTU)	4.17	11.35	12.71	Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, filling at HKCEC water channel was conducted on that day. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were observed in proper condition.
				SS (mg/L)	3.00	18.42	27.54	Remarks / Other Obs: In view that silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
X_10C389	11-Jun-12	Mid-Ebb	C2	DO (mg/L)	2.38	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide
				Turbidity (NTU)	2.59	11.35	12.71	Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. According to the information reported by Contractor HK/2010/06 and HK/2009/01 on 11 June 2012, sheet piling and pile head breaking under HK/2010/06 and filling at HKCEC water channel under HK/2009/01 were conducted on that day. Checking with the Contractor and RSS daily records, the floating debris inside silt screen was found and removed immediately after inspection. The silt screen and silt curtain were observed in proper condition during water monitoring.
				SS (mg/L)	4.00	18.42	27.54	Remarks / Other Obs: No further DO exceedance was recorded in the next consecutive monitoring. In view that silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
X_10C390	11-Jun-12	Mid-Ebb	C4w	DO (mg/L)	3.55	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity (NTU)	7.57	11.35	12.71	Action taken / to be taken: Checking the work conducted near the monitoring station, filling at HKCEC water channel was conducted on that day. Checking with the Contractor and RSS daily records, the floating debris inside silt screen was found and removed immediately after inspection. The silt screen and silt curtain were observed in proper condition during water monitoring.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
				SS (mg/L)	23.50	18.42	27.54	Remarks / Other Obs: No further exceedance was observed in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition, the exceedance was considered not project related.
X_10C391	12-Jun-12	Mid-Flood	C4e	DO (mg/L)	4.09	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity (NTU)	7.70	11.35	12.71	Action taken / to be taken: Checking the work conducted near the monitoring station, filling at HKCEC water channel was conducted on that day. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition
				SS (mg/L)	19.00	18.42	27.54	Remarks / Other Obs: No further exceedance was observed in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition, the exceedance was considered not project related.
X_10C392	18-Jun-12	Mid-Ebb	C7	DO (mg/L)	2.68	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide
				Turbidity (NTU)	1.57	11.35	12.71	Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. According to the information reported by Contractor, TS1 removal work was conducted on that day. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.
				SS (mg/L)	8.50	18.42	27.54	Remarks / Other Obs: No further DO exceedance was recorded in the next consecutive monitoring. In view that silt curtains were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_10C393	20-Jun-12	Mid-Flood	C5w	DO (mg/L)	4.04	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity (NTU)	5.42	11.35	12.71	Action taken / to be taken: Checking with Contractor's records, laying geotextile beside concrete block and backfill materials for reclamation work for WCR-2 and substructure works for the New Ferry Pier were conducted on that day. Reviewing the results at the monitoring stations nearer than C5w, no exceedance was recorded. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.
				SS (mg/L)	18.50	18.42	27.54	Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition, the exceedance was considered not project related.
X_10C394	22-Jun-12	Mid-Ebb	C7	DO (mg/L)	2.50	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide. Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. According to the information reported by Contractor dredging and rockfilling at TS2 and TS1 removal work were conducted on that day. Checking with the Contractor and RSS daily records, silt screen and silt curtain were in proper condition.
				Turbidity (NTU)	1.80	11.35	12.71	
				SS (mg/L)	2.50	18.42	27.54	Remarks / Other Obs: No further DO exceedance was recorded in the next consecutive monitoring. In view that silt curtains for dredging works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
X_10C395	25-Jun-12	Mid-Ebb	C4e	DO (mg/L)	4.39	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity (NTU)	6.80	11.35	12.71	Action taken / to be taken: Checking the work conducted near the monitoring station, filling at HKCEC water channel was conducted on that day. Checking with the Contractor and RSS daily records, the floating debris inside silt screen was found and removed immediately after inspection. The silt screen and silt curtain were observed in proper condition during water monitoring.
				SS (mg/L)	20.00	18.42	27.54	Remarks / Other Obs: No further exceedance was observed in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition, the exceedance was considered not project related.

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Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D41	28-May-12	Mid-Flood	Ex-WPCWA SE	Middle	DO (mg/L)	3.53	3.55	3	<p>Possible reason: Possible in relation to the low flow and low water depth</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 28 May 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D42	28-May-12	Mid-Flood	Ex-WPCWA SE	Bottom	DO (mg/L)	3.53	3.76	3.76	<p>Possible reason: Possible in relation to the low flow and low water depth</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 28 May 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D43	28-May-12	Mid-Ebb	Ex-WPCWA SE	Bottom	DO (mg/L)	3.64	3.76	3.76	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 28 May 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D44	28-May-12	Mid-Flood	Ex-WPCWA SW	Bottom	DO (mg/L)	3.30	3.31	3.25	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 28 May 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D45	14-Jun-12	Mid-Ebb	C7	Middle	DO (mg/L)	3.10	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, dredging and rockfilling at TS2 were conducted on 14 June 2012.</p> <p>Remarks / Other Obs: Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 12 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D46	16-Jun-12	Mid-Flood	Ex-WPCWA SE	Bottom	DO (mg/L)	3.40	3.76	3.76	<p>Possible reason: Possible in relation to the low flow and low water depth</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 16 June 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D47	18-Jun-12	Mid-Ebb	C7	Middle	DO (mg/L)	2.69	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, rockfilling at TS2 was conducted on 18 June 2012</p> <p>Remarks / Other Obs: Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 19 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>

Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D48	20-Jun-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO (mg/L)	3.44	3.55	3	<p>Possible reason: Possible in relation to the low flow and low water depth</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 16 June 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D49	22-Jun-12	Mid-Flood	C7	Middle	DO (mg/L)	3.18	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, dredging and rockfilling at TS2 and TS1 removal work were conducted on 22 June 2012</p> <p>Remarks / Other Obs: Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 19 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D50	22-Jun-12	Mid-Ebb	C7	Middle	DO (mg/L)	2.50	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, dredging and rockfilling at TS2 and TS1 removal work were conducted on 22 June 2012 .</p> <p>Remarks / Other Obs: Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 19 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D51	25-Jun-12	Mid-Ebb	C6	Middle	DO (mg/L)	2.22	2.6	2	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, dredging at TS2 and TS1 removal work were conducted on 25 June 2012.</p> <p>Remarks / Other Obs: Checking with the Contractor's daily record, silt curtain at TS2 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 26 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D52	25-Jun-12	Mid-Ebb	C6	Bottom	DO (mg/L)	2.66	2.91	2.34	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, dredging at TS2 and TS1 removal work were conducted on 25 June 2012</p> <p>Remarks / Other Obs: Checking with the Contractor's daily record, silt curtain at TS2 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 26 June 2012. In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D53	25-Jun-12	Mid-Ebb	Ex-WPCWA SE	Bottom	DO (mg/L)	3.57	3.76	3.76	<p>Possible reason: Possible in relation to the low flow and low water depth</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 25 June 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>

Action Level - Value highlight in blue colour

Limit Level - Value highlight in red colour



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W322	6/6/2012	Mid-Flood	WSD21	DO (mg/L)	4.34	3.17	2.63	Possible reason: Overflow of existing sewerage system and the sewage water flowed into the sea near the intake for WSD21. Accumulation of organic matters near the intake could cause rise in turbidity level.  Action taken / to be taken: Contractor immediately constructed a curb guiding the foul water away from intake.  Remarks / Other Obs: The exceedances was confirmed related to the overflow of sewerage system. No further turbidity exceedance was recorded in the next consecutive monitoring (Turbidity:6.92 NTU on 7 June 2012 at mid-ebb tide). In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition during the weekly environmental walk on 7 June 2012, the exceedance was considered not project related.
				Turbidity	22.18	10.01	11.54	
				Suspended Solid	27.50	16.26	19.74	
X_W323	8/6/2012	Mid-Ebb	WSD21	DO (mg/L)	3.16	3.17	2.63	Possible reason: Possible in relation to the low flow and low water depth during ebb tide  Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No odour nuisance was detected during the DO monitoring. Checking with contractor's works on 8 June, the marine works below were undertaken: - Formwork erection and reinforcement fixing inside water tanks in Re-provisioned Wan Chai Ferry Pier; and - Trimming formation level for placing concrete block for reclamation work. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were observed in proper condition.  Remarks / Other Obs: In view that silt curtains for marine works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	6.25	10.01	11.54	
				Suspended Solid	4.50	16.26	19.74	
X_W324	8/6/2012	Mid-Flood	WSD21	DO (mg/L)	3.82	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station  Action taken / to be taken: Checking with contractor's works on 8 June, the marine works below were undertaken: - Formwork erection and reinforcement fixing inside water tanks in Re-provisioned Wan Chai Ferry Pier; and - Trimming formation level for placing concrete block for reclamation work.  Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen was in proper condition, the exceedance was considered not project related.
				Turbidity	8.81	10.01	11.54	
				Suspended Solid	33.00	16.26	19.74	
X_W325	20/6/2012	Mid-Flood	WSD17	DO (mg/L)	5.39	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station  Action taken / to be taken: The tidal direction was moving westward. Checking with Contractor's records, laying geotextile beside concrete block and backfill materials for reclamation work for WCR-2 and substructure works for the New Ferry Pier were conducted. Reviewing the results at the monitoring stations nearer than WSD 17, no exceedances was recorded.  Remarks / Other Obs: In view that the tidal direction at that moment was moving westwards. As the site area is due west to the monitoring station, the exceedance was considered not project related.
				Turbidity	7.61	10.01	11.54	
				Suspended Solid	18.00	16.26	19.74	

Action Level - Value highlight in blue colour

Limit Level - Value highlight in red colour



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N093	7-Jun-12	13:44	M6 - HK baptist Church henrietta Secondary School	68	Leq(30-min)	when one documented complaint was received.	65	<p><b>Possible reason:</b> No construction activity and traffic nearby was observed during monitoring. Traffic noise contributed as a major noise source during monitoring.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p><b>Remarks / Other Obs:</b> No construction work for Contract no. HY/2009/19 was conducted during the measurement; it is concluded that the exceedance was not due to the Project but to traffic noise nearby.</p>
X_10N094	12-Jun-12	16:23	M6 - HK baptist Church henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	65	<p><b>Possible reason:</b> No construction activity and traffic nearby was observed during monitoring. Traffic noise contributed as a major noise source during monitoring.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p><b>Remarks / Other Obs:</b> No construction work for Contract no. HY/2009/19 was conducted during the measurement; it is concluded that the exceedance was not due to the Project but to traffic noise nearby.</p>