



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W234	13-Aug-11	Mid-flood	WSD10	DO (mg/L)	5.54	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: Checked with Contractor's works on 13 Aug 2011, the marine works were as follows: - concrete blocks installation at Bay 6 and Bay 7; - transferred sorted fill material from derrick barge (冠亞2) to filling area, location of derrick barge: sea-side, installed caisson seawall caisson no. C17; and - Internal delivered sorted fill material were conducted on that day Silt screen & silt curtain were in proper condition during monitoring.
				Turbidity	11.13	10.01	11.54	
				Suspended Solid	15.00	16.26	19.74	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 natural flow during the flood tide indicated that the source of impact was located at the upstream of the project site, the exceedance was considered not project related exceedance.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C286	30-Jul-11	Mid-flood	C3	DO (mg/L)	4.75	3.02	2.44	Possible reason: Trapping unknown debris inside the silt screen Action taken / to be taken: According to the information reported by Contractor, installation sheet pile wall at water channel and filling Grade 200 rock in front of the sheet pile wall No.1 to 39 were conducted on that day. During the daily silt screen and silt curtain inspection conducted by Contractor and RSS, proper condition of the silt screen and silt curtains along the water channel was recorded. No further exceedance was recorded in the next consecutive water monitoring(6mg/L).
				Turbidity (NTU)	4.06	11.35	12.71	
				SS (mg/L)	20.00	18.42	27.54	Remarks / Other Obs: In view that the silt screen and silt curtain were in proper condition and no adverse impact causing from the filling Grade 200 rock in front of the sheet pile wall, the exceedance was considered in relation to the accumulation of unknown debris inside the silt screen. Thus, it was considered not project related exceedances.
X_10C287	9-Aug-11	Mid-flood	C5w	DO (mg/L)	4.91	3.02	2.44	Possible reason: Water quality being substantially affected by urban runoff due to the rainfall Action taken / to be taken: Checked with the contractor marine work activities, welding for installation of steel bracing on the pitched pile casings in new ferry pier area and pumping out the water from the pumping stations P8 & P9 to the chamber of western temporary sheet pile wall were the major marine works conducted at Wan Chai East. Besides, the dredging was conducted in submarine outfall area which was complied with the daily and hourly dredging rate. Deployed silt screen at intake and silt curtain at western temporary sheet pile were observed in proper condition during the water quality monitoring. According to the meteorological information from HKO, total daily rainfall at the region of Wan Chai was around 100-150mm on 9 August 2011.
				Turbidity (NTU)	8.21	11.35	12.71	
				SS (mg/L)	23.00	18.42	27.54	Remarks / Other Obs: Reviewed the trend of overall results at all monitoring stations and comparing with the monitoring stations next to C5w, no SS exceedance was recorded in C5e and WSD21 which are close to the site works. The SS exceedance was considered causing by the potential impact from the rainfall and concluded as not project related exceedance.
X_10C288	9-Aug-11	Mid-ebb	C3	DO (mg/L)	5.02	3.02	2.44	Possible reason: Trapping unknown debris inside the silt screen Action taken / to be taken: According to the information reported by Contractor, installation sheet pile wall at water channel was conducted on that day. During the daily silt screen and silt curtain inspection conducted by Contractor and RSS, proper condition of the silt screen and silt curtains along the water channel was recorded. No further exceedance was recorded in the consecutive water monitoring(7.5mg/L) at the same day.
				Turbidity (NTU)	9.77	11.35	12.71	
				SS (mg/L)	20.00	18.42	27.54	Remarks / Other Obs: In view that the silt screen and silt curtain at water channel were in proper condition, the exceedance was considered in relation to the accumulation of unknown debris inside the silt screen. Thus, it was considered not project related exceedances.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C289	11-Aug-11	Mid-ebb	C7	DO (mg/L)	3.00	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during the ebb tide
				Turbidity (NTU)	3.33	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, there were installation of seawall block at TS4 and dredging of type II sediment for mooring arrangement at CWBTS. The silt curtain and silt screen were in proper condition during monitoring.
				SS (mg/L)	9.00	18.42	27.54	Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.
X_10C290	11-Aug-11	Mid-ebb	C7	DO (mg/L)	3.01	3.31	2.57	Possible reason: Possible in relation to the low flow and low water depth during the 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. Checked with Contractor works, there were installation of seawall block at TS4 and dredging of type II sediment for mooring arrangement at CWBTS. The silt curtain and silt screen were in proper condition during monitoring. Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.
X_10C291	13-Aug-11	Mid-ebb	Ex-WPCWA SE	DO (mg/L)	3.54	3.55	3.00	Possible reason: Possible in relation to the low flow and low water depth during the ebb tide and a recent spate of red tide sightings in Hong Kong waters 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, there was no marine activities at ex-WPCWA during water monitoring. Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.
X_10C292	25-Aug-11	Mid-flood	C7	DO (mg/L)	3.07	3.31	2.57	Possible reason: The recent red tide occurrences in Hong Kong and its adjacent waters 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. Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.
X_10C293	27-Aug-11	Mid-ebb	Ex-WPCWA SE	DO (mg/L)	3.04	3.55	3.00	Possible reason: The recent red tide occurrences in Hong Kong and its adjacent waters 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. Contractor was reminded to keep the water within the site boundary and the neighbouring water free from rubbish. Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C294	27-Aug-11	Mid-ebb	Ex-WPCWA SW	DO (mg/L)	2.96	3.19	3.10	<p>Possible reason: The recent red tide occurrences in Hong Kong and its adjacent waters</p> <p>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. Contractor was reminded to keep the water within the site boundary and the neighbouring water free from rubbish.</p> <p>Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10C295	27-Aug-11	Mid-ebb	C7	DO (mg/L)	2.48	3.31	2.57	<p>Possible reason: The recent red tide occurrences in Hong Kong and its adjacent waters</p> <p>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. Contractor was reminded to keep the water within the site boundary and the neighbouring water free from rubbish.</p> <p>Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10C296	27-Aug-11	Mid-ebb	C7	DO (mg/L)	2.53	3.02	2.44	<p>Possible reason: The recent red tide occurrences in Hong Kong and its adjacent waters</p> <p>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. Contractor was reminded to keep the water within the site boundary and the neighbouring water free from rubbish.</p> <p>Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
				Turbidity (NTU)	2.56	11.35	12.71	
				SS (mg/L)	4.50	18.42	27.54	