



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W290	28-Nov-11	Mid-flood	WSD19	DO (mg/L)	5.90	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of pipe pile wall at Tsim Sha Tsui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Nov 2011. 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 at WSD19 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	11.13	8.04	9.49	
				Suspended Solid	12.00	13.00	14.43	
X_W291	28-Nov-11	Mid-flood	WSD20	DO (mg/L)	5.93	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of pipe pile wall at Tsim Sha Tsui. According to the Contractor's inspection records, the silt curtain was in proper condition on 28 Nov 2011. 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 at WSD20 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	14.60	8.04	9.49	
				Suspended Solid	23.00	13.00	14.43	
X_W292	28-Nov-11	Mid-flood	WSD7	DO (mg/L)	5.70	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of pipe pile wall at Tsim Sha Tsui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Nov 2011. 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 at WSD7 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	10.22	8.04	9.49	
				Suspended Solid	16.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W293	30-Nov-11	Mid-flood	WSD20	DO (mg/L)	5.79	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of temporary working platform at Tsim Sha Tsui. According to the Contractor's inspection records, the silt curtain was in proper condition on 30 Nov 2011. 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 at WSD20 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	12.28	8.04	9.49	
				Suspended Solid	20.00	13.00	14.43	
X_W294	30-Nov-11	Mid-flood	WSD7	DO (mg/L)	6.19	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of temporary working platform at Tsim Sha Tsui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Nov 2011. 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 at WSD7 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	9.08	8.04	9.49	
				Suspended Solid	7.00	13.00	14.43	
X_W295	2-Dec-11	Mid-flood	WSD20	DO (mg/L)	6.05	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. Checking with Contractor's records, there was installation of installation of sheet pile, removal of rock armour and filling at water channel located in Wan Chai and installation of pipe pile wall at Tsim Sha Tsui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Nov 2011. 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 at WSD20 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	8.38	8.04	9.49	
				Suspended Solid	14.50	13.00	14.43	
X_W296	13-Dec-11	Mid-Flood	WSD15	DO (mg/L)	6.78	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. According to RSS information, construction of seawall cassions and seawall blocks were completed on 13 Dec 2011 by contractor HY/2009/11. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work. Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project.
				Turbidity	4.36	8.04	9.49	
				Suspended Solid	19.00	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W297	15-Dec-11	Mid-Flood	WSD7	DO (mg/L)	7.13	3.66	3.28	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances of turbidity. According to the Contractor's inspection records, the silt screen was in proper condition on 15 Dec 2011. 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 at WSD7 was in proper condition, the exceedance was considered not project related exceedance.
				Turbidity	5.91	8.04	9.49	
				Suspended Solid	15.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C349	28-Nov-11	Mid-flood	C8	DO (mg/L)	5.85	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 28 Nov 2011, the major marine activities was installation of berm blocks where at the Open Channel U. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that silt curtain was in proper condition during monitoring, the exceedances were considered to be caused from the accumulation of particles discharged from the outfalls near monitoring station and not related to the Project works.
				Turbidity (NTU)	9.78	9.1	10.25	
				SS (mg/L)	13.50	15.00	22.13	
X_10C350	28-Nov-11 2:37	Mid-ebb	C4e	DO (mg/L)	6.22	3.36	2.73	Possible reason: Accumulation of particles inside the silt screen was observed during water monitoring Action taken / to be taken: Notification of exceedances were immediately provided to Contractor of HK/2009/01, RE and IEC when the exceedances were recorded. Contractor works and Contractor's daily records were also checked. There was no marine and land-based construction activities at that night. The frame type silt screen at intake and silt curtain along the western seawall were deployed in proper condition during the water monitoring. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that no any construction activities on that night, the exceedance was considered to be caused from the accumulation of particles inside the silt screen and not related to the Project works.
				Turbidity (NTU)	5.65	9.1	10.25	
				SS (mg/L)	25.00	15.00	22.13	
X_10C351	28-Nov-11 3:47	Mid-ebb	C5e	DO (mg/L)	4.91	3.36	2.73	Possible reason: Accumulation of particles inside the silt screen Action taken / to be taken: Notification of exceedances were immediately provided to Contractor of HK/2009/02, RE and IEC when the exceedances were recorded. After checking contractor's works, there was no marine and land-based construction activities at that night. The frame type silt screen at intake and silt curtain along the western seawall were deployed in proper condition during the water monitoring. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that no any construction activities on that night, the exceedance was considered to be possible caused from the accumulation of particles inside the silt screen and not related to the Project works.
				Turbidity (NTU)	9.99	9.1	10.25	
				SS (mg/L)	19.00	15.00	22.13	
X_10C352	2-Dec-11	Mid-flood	C9	DO (mg/L)	6.61	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 2 Dec 2011, the major marine activities was trimming the Stone G400 profile where at Bay 7. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that silt curtain was in proper condition during monitoring, the exceedances were considered to be caused from the accumulation of particles discharged from the outfalls near monitoring station and not related to the Project works.
				Turbidity (NTU)	9.36	9.1	10.25	
				SS (mg/L)	10.50	15.00	22.13	
X_10C353	2-Dec-11	Mid-flood	C8	DO (mg/L)	6.80	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 2 Dec 2011, the major marine activities was trimming the Stone G400 profile where at Bay 7. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that silt curtain was in proper condition during monitoring, the exceedances were considered to be caused from the accumulation of particles discharged from the outfalls near monitoring station and not related to the Project works.
				Turbidity (NTU)	9.42	9.1	10.25	
				SS (mg/L)	12.00	15.00	22.13	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C354	9-Dec-11	Mid-Flood	C5w	DO (mg/L)	7.26	3.36	2.73	Possible reason: Accumulation of fine particles around the intake and inside silt screen Action taken / to be taken: Checked with the contractor marine work activities on 9 Dec 2011, the construction activities as follow: 1. Installation of steel brackets on pitched pile casings, stripping of redundant steel casing of pitched pile, hacking pile head concrete in new ferry pier area; 2. Installation of HDPE pipe in submarine outfall area; and 3. Loading of to-be-disposed sorted public fill on flat top barge mooring at seawall T5 area. The fine particle was also found in the weekly site inspection on 8 Dec 2011 and Contractor removed immediately in the afternoon on 8 Dec 2011 after identified during weekly inspection. Those fine particles was unlikely caused from the construction activities, which was considered caused by wave / tidal effect and then accumulated near intake. As such, the contractor was recommended to increase the frequency of removal of floating debris and fine particles near the intakes whenever it is necessary.
				Turbidity (NTU)	5.07	9.1	10.25	
				SS (mg/L)	30.50	15.00	22.13	
X_10C355	17-Dec-11	Mid-Flood	C3	DO (mg/L)	4.43	3.36	2.73	Possible reason: Possible caused by the accumulation of particles inside the silt screen Action taken / to be taken: Checking with Contractor's works on 17 Dec 2011, there were filling at water channel, installation of sheetpile and grabbing rock armours conducted at that day. The silt screen and silt curtain were observed in proper condition during monitoring. The frame type silt curtain for rock bund and silt curtain along the western seawall were deployed and observed in proper condition during the water monitoring.. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered to be possible caused from the accumulation of particles inside the silt screen and not related to the Project works.
				Turbidity (NTU)	4.22	9.1	10.25	
				SS (mg/L)	17.50	15.00	22.13	
X_10C356	26-Dec-11 2:07	Mid-Ebb	C4w	DO (mg/L)	4.40	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station or the variation of the ambient change Action taken / to be taken: Checking with Contractor's works on 12 Nov 2011, there was no marine works conducted at that night. The silt screen and silt curtain were observed in proper condition during monitoring. Remarks / Other Obs: In view that no any marine work was conducted, it was concluded not related to the Project.
				Turbidity (NTU)	3.41	9.1	10.25	
				SS (mg/L)	30.00	15.00	22.13	
X_10C357	23-Dec-11	Mid-Flood	Ex-WPCWA SE (bottom)	DO (mg/L)	5.30	5.36	5.35	Possible reason: Possible in relation to the low flow and low water depth 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, there was no marine activities conducted at ex-PCWA. Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.