



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W200	16-Mar-11	Mid-flood	WSD21	DO (mg/L)	7.36	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Checked and confirmed that the dredging rate at Submarine Sewage Pipeline (631m <sup>3</sup> ) was complied with FEP condition; Comparing with the monitoring stations closer to the site, the SS levels at C5e and C5w are 7.5mg/L and 8.0mg/L which are below Action Level. Remarks / Other Obs: No consecutive exceedance was recorded in the next monitoring. Since the silt screen was in proper condition during the monitoring, it is concluded as not related Project.
					5.88	8.04	9.49	
				Turbidity				
				Suspended Solid	15.00	13.00	14.43	
X_W201	18-Mar-11	Mid-flood	WSD19	DO (mg/L)	6.32	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: According to the information reported by Contractor HK/2009/01, rock armour removal in the HKCEC Water Channel area was the only marine work carried out. No adverse water quality impact was expected causing from this work; Comparing with the monitoring stations closer to the site, the SS levels at all stations near HKCEC water channel are below Action Level. Remarks / Other Obs: No consecutive exceedance was recorded in the next monitoring. Since the silt screen was in proper condition during the monitoring, it is concluded as not related Project.
					6.67	8.04	9.49	
				Turbidity				
				Suspended Solid	15.00	13.00	14.43	
X_W202	21-Mar-11	Mid-flood	WSD7	DO (mg/L)	5.95	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: According to the information reported by Contractor HK/2009/01, no particular marine works was conducted.; Comparing with the monitoring stations closer to the site, the SS levels at all stations near HKCEC channel are below Action Level. Remarks / Other Obs: In view that no particular marine works was conducted and the station is far away from the Project, it is concluded as not related Project.
				Turbidity	8.37	8.04	9.49	
				Suspended Solid	9.50	13.00	14.43	
X_W203	21-Mar-11	Mid-flood	WSD20	DO (mg/L)	6.50	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: According to the information reported by Contractor HK/2009/01, no particular marine works was conducted.; Comparing with the monitoring stations closer to the site, the SS levels at all stations near HKCEC channel are below Action Level. Remarks / Other Obs: In view that no particular marine works was conducted and the station is far away from the Project, it is concluded as not related Project.
				Turbidity	9.51	8.04	9.49	
				Suspended Solid	14.00	13.00	14.43	
X_W204	23-Mar-11	Mid-ebb	WSD19	DO (mg/L)	5.95	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: According to the information reported by Contractor HK/2009/01, seawall blocks deployment on the North side of Pipe Pile Wall P1 was the only marine work carried out. No adverse water quality impact was expected causing from this work; Comparing with the monitoring stations closer to the site, the turbidity levels at all stations near HKCEC channel are below Action Level. Remarks / Other Obs: In view that only seawall block deployment was conducted and the station is far away from the Project, it is concluded as not related Project.
				Turbidity	8.16	8.04	9.49	
				Suspended Solid	13.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W205	25-Mar-11	Mid-flood	WSD19	DO (mg/L)	5.96	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions  Action taken / to be taken: According to the information reported by Contractor HK/2009/01, seawall block installation work and laying geotextile for reclamation works in HKCEC1 area were carried out. No adverse water quality impact was expected causing from this work; Comparing with the monitoring stations closer to the site, the SS levels at all stations near HKCEC channel are below Action Level.
				Turbidity	5.36	8.04	9.49	
				Suspended Solid	15.50	13.00	14.43	
X_W206	25-Mar-11	Mid-ebb	WSD19	DO (mg/L)	5.48	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions  Action taken / to be taken: According to the information reported by Contractor HK/2009/01, seawall block installation work and laying geotextile for reclamation works in HKCEC1 area were carried out. No adverse water quality impact was expected causing from this work; Comparing with the monitoring stations closer to the site, the SS levels at all stations near HKCEC channel are below Action Level.
				Turbidity	7.59	8.04	9.49	
				Suspended Solid	13.50	13.00	14.43	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C221	28-Feb-11	Mid-flood	C3	DO (mg/L)	6.43	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station or the variation of the ambient change
				Turbidity (NTU)	10.00	9.1	10.25	Action taken / to be taken: Reviewed the observation during the monitoring and the trend of monitoring results; The daily and hourly dredging rate were checked and complied with the requirements in the FEP.
				SS (mg/L)	19.50	15.00	22.13	Remarks / Other Obs: The silt screen and floating type of silt curtain were properly installed in front of the intake and surround the dredging area during monitoring. No further exceedance was recorded in the next consecutive monitoring. It was considered not related to the Project works. In view of the current dredging area located closely to the monitoring stations C3, the Contractor was reminded to review all existing water mitigation measures and enhance the further measures so as to ensure the intake could be adequately protected against potential impact.
X_10C222	2-Mar-11	Mid-flood	C8	DO (mg/L)	6.30	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station or the variation of the ambient change
				Turbidity (NTU)	12.88	9.1	10.25	Action taken / to be taken: Reviewed the trend of monitoring results and no exceedance in next consecutive monitoring; Checked contractor's site record; According to the reporting of marine activities from contractor, only filling works and deployment of concrete blocks were undertaken during monitoring.
				SS (mg/L)	16.00	15.00	22.13	Remarks / Other Obs: In view of the observed proper silt curtain condition for the filling works and no dredging work conducted adjacent to the City Garden during the monitoring, the exceedances were considered as not related to Project works.
X_10C223	11-Mar-11 17:15	Mid-ebb	C8	DO (mg/L)	5.83	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station
				Turbidity (NTU)	17.65	9.1	10.25	Action taken / to be taken: Water discharge and floating oil & grease were observed during the monitoring; Reviewed the trend of monitoring results and no exceedance in next consecutive monitoring
				SS (mg/L)	13.00	15.00	22.13	Remarks / Other Obs: In view of the observed proper silt curtain in place for the dredging and filling works during the monitoring, the exceedances were considered not related to the Project works.
X_10C224	16-Mar-11	Mid-flood	C9	DO (mg/L)	6.30	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station
				Turbidity (NTU)	8.02	9.1	10.25	Action taken / to be taken: Reviewed the observation during the monitoring and the trend of monitoring results; The station C8 is the closest station to the dredging work area, which has SS level (8.5mg/L) below the Action Level. The daily dredging rate is approx. 106m3 which is complied with the FEP's condition.
				SS (mg/L)	17.00	15.00	22.13	Remarks / Other Obs: No consecutive exceedance was recorded in the next monitoring. Since the silt screen was in proper condition during the monitoring, it is concluded as not related Project.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C225	18-Mar-11  18:25	Mid-flood	C8	DO (mg/L)	6.81	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station under rainy during the monitoring, The Observatory recorded approximate 5mm daily rainfall in the area of the station.
				Turbidity (NTU)	9.53	9.1	10.25	Action taken / to be taken: Checked the contractor marine work activities; the daily dredging rate was 137m3 which is complied with the condition of FEP. Turbidity value is within the tolerance of baseline range at C8.
				SS (mg/L)	13.00	15.00	22.13	Remarks / Other Obs: In view that the silt curtain for the dredging was properly in place during the monitoring, the exceedances were considered not related to the Project works.
X_10C226	18-Mar-11  11:19	Mid-ebb	C8	DO (mg/L)	6.43	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station under rainy during the monitoring, The Observatory recorded approximate 5mm daily rainfall in the area of the station.
				Turbidity (NTU)	12.25	9.1	10.25	Action taken / to be taken: Checked the contractor marine work activities; the daily dredging rate was 137m3 which is complied with the condition of FEP. SS value is within the tolerance of baseline range at C8.
				SS (mg/L)	15.50	15.00	22.13	Remarks / Other Obs: In view that the silt curtain for the dredging was properly in place during the monitoring, the exceedances were considered not related to the Project works.
X_10C227	21-Mar-11	Mid-ebb	C8	DO (mg/L)	5.80	3.36	2.73	Possible reason: Accumulation of particles discharged from outfalls near monitoring station
				Turbidity (NTU)	15.95	9.1	10.25	Action taken / to be taken: Checked the contractor marine work activities; the daily dredging rate was 225m3 which is complied with the condition of FEP(6,000m3 per day). SS value is within the tolerance of baseline range at C8. Water quality(Tur: 7.88NTU, SS:12.0mg/L) resumed below Action Level in the next consecutive monitoring.
				SS (mg/L)	20.50	15.00	22.13	Remarks / Other Obs: No consecutive exceedance was recorded in the next monitoring. In view that the silt curtain for the dredging was properly in place during the monitoring, the exceedances were considered not related to the Project works.
X_10C228	21-Mar-11	Mid-ebb	C9	DO (mg/L)	5.97	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station
				Turbidity (NTU)	11.43	9.1	10.25	Action taken / to be taken: Checked the contractor marine work activities; the daily dredging rate was 225m3 which is complied with the condition of FEP(6,000m3 per day). SS value is within the tolerance of baseline range at C9. Water quality(Tur: 7.01NTU, SS:11.0mg/L) resumed below Action Level in the next consecutive monitoring.
				SS (mg/L)	18.50	15.00	22.13	Remarks / Other Obs: No consecutive exceedance was recorded in the next monitoring. Since the silt screen was in proper condition during the monitoring, it is concluded as not related Project.

Action Level - Value highlight in blue colour  
 Limit Level - Value highlight in red colour