Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up	
X_W197	28-Dec-10	Mid-flood	WSD20	DO (mg/L)	6.58	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	7.83	8.04	9.49	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations; Dredging rate at HKCEC1 was checked and complied with the EP condition
				Suspended Solid	**20.00**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.
X_W190	3-Jan-11	Mid-flood	WSD20	DO (mg/L)	7.47	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	**9.05**	8.04	9.49	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations; Dredging rate at HKCEC1 was checked and complied with the EP condition
				Suspended Solid	**16.50**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.
X_W191	4-Jan-11	Mid-ebb	WSD19	DO (mg/L)	4.90	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	7.17	8.04	9.49	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations; Dredging rate at HKCEC1 was checked and complied with the EP condition
				Suspended Solid	**14.00**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.
X_W192	8-Jan-11	Mid-ebb	WSD7	DO (mg/L)	7.20	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	**9.09**	8.04	9.49	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations; Checked and confirmed that the dredging rate at HKCEC1 was complied with EP condition
				Suspended Solid	**20.50**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.
X_W193	15-Jan-11	Mid-ebb	WSD15	DO (mg/L)	4.49	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	6.07	8.04	9.49	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations
				Suspended Solid	**14.00**	13.00	14.43	Remarks / Other Obs:	Silt screen was in proper condition during monitoring.In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HY/2009/11, it is considered not related to the Project.
X_W194	26-Jan-11	Mid-ebb	WSD19	DO (mg/L)	6.63	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	4.08	8.04	9.49	Action taken / to be taken:	Since the natural flow during the ebb tide indicated that the source of impact was located at the upstream of the project site; Reviewed the trend of overall results at all monitoring stations; Dredging rate at HKCEC1 was checked and complied with the EP condition
				Suspended Solid	**15.00**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.

Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up	
X_W195	26-Jan-11	Mid-ebb	WSD20	DO (mg/L)	6.71	3.66	3.28	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity	7.35	8.04	9.49	Action taken / to be taken:	Since the natural flow during the ebb tide indicated that the source of impact was located at the upstream of the project site; Reviewed the trend of overall results at all monitoring stations; Dredging rate at HKCEC1 was checked and complied with the EP condition
				Suspended Solid	**14.00**	13.00	14.43	Remarks / Other Obs:	In the view of no exceedance recorded at the monitoring Stations near the marine works area of Contract no.HK/2009/01, it is considered not related to the Project.

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

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_10C195	30-Dec-10	Mid-flood	C8	DO (mg/L)	6.44	3.36	2.73	Possible reason:	Due to intake owner's constraint, delay was experienced in the re-provision of modified frame type silt screen to protect City Garden intake against potential impact arising from the dredging works and accumulation of pollutants from nearby outfall adjacent to the intake.
				Turbidity (NTU)	**18.08**	9.1	10.25	Action taken / to be taken:	RE and Contractor was notified on the next working day and a joint investigation with IEC conducted on 3 Jan 2011. Daily dredging rate (100m3) and installation of caisson seawall was undertaken on 30 Dec 2010 at mid-flood. Contractor was reminded to enhance mitigation measures with a double layer silt curtain before the frame type silt screen could be installed. Close monitoring on contractor mitigation and the variation of water quality results was then maintained.
				SS (mg/L)	**28.00**	15.00	22.13	Remarks / Other Obs:	Turbidity and SS values exceeded the tolerance of baseline range. The exceedances was confirmed related to HY/2009/11 contractor difficulties in the provision of frame type silt screen. No further exceedance was recorded in the next consecutive monitoring (Turbidity:5.94NTU, SS:11.5mg/L on 30 Dec 2010 at mid-ebb tide). ET further checked and confirmed that the double layer silt curtain was deployed at site on 7 Jan 2011.
X_10C196	30-Dec-10	Mid-flood	C9	DO (mg/L)	6.44	3.36	2.73	Possible reason:	Accumulation of particles from outfalls near monitoring station and potential impact arising from the dredging works
				Turbidity (NTU)	**14.30**	9.1	10.25	Action taken / to be taken:	Reviewed the Contractor works and the trend of monitoring results
				SS (mg/L)	**23.00**	15.00	22.13	Remarks / Other Obs:	The natural flow during the flood tide indicated that the source of impact was located at the upstream of the project site, it is concluded that the source of impact was due to natural variation or change around C9 and not related to the project work.
X_10C197	3-Jan-11	Mid-flood	C9	DO (mg/L)	7.75	3.36	2.73	Possible reason:	Accumulation of particles from outfalls near monitoring station
				Turbidity (NTU)	**11.68**	9.1	10.25	Action taken / to be taken:	Reviewed the Contractor works and the trend of monitoring results
				SS (mg/L)	**18.50**	15.00	22.13	Remarks / Other Obs:	Since the natural flow during the flood tide indicated that the source of impact was located at the upstream of the project site and no exceedanced recorded at the nearest monitoring station to the marine work area, it is concluded that the source of impact was due to natural variation or change around C9 and not related to the project work.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_10C198	8-Jan-11	Mid-flood	C5e	DO (mg/L)	7.03	3.36	2.73	Possible reason:	Silt screen washing was conducted during monitoring
				Turbidity (NTU)	**11.38**	9.1	10.25	Action taken / to be taken:	Checked and confirmed that the dredging rate at Submarine Sewage Pipeline was complied with EP condition; Contractor was reminded to avoid conducting screen washing during monitoring date
				SS (mg/L)	**18.00**	15.00	22.13	Remarks / Other Obs:	Silt screen was in proper condition during the monitoring; Comparing with the monitoring station next to C5e, no exceedance was recorded in C5w. It is concluded as not related Project.
X_10C201	24-Jan-11	Mid-flood	C4w	DO (mg/L)	7.14	3.36	2.73	Possible reason:	Natural variation or changes in ambient conditions
				Turbidity (NTU)	6.16	9.1	10.25	Action taken / to be taken:	Reviewed the trend of overall results at all monitoring stations; no exceedance was recorded in the next consecutive monitoring.
				SS (mg/L)	**23.50**	15.00	22.13	Remarks / Other Obs:	Silt screen was in proper condition during the monitoring; No exceedance was recorded at the C3 which is the nearest monitoring station near the dredging work area. It is concluded as not related Project.

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