



Ref no.	Date	Tidal	Location	Parameters (Avg.)	Measured	Action Level	Limit Level	Follow-up
X_W179	1-Dec-10	Mid-ebb	WSD15	DO (mg/L)	6.30	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.
				Turbidity	3.50	8.04	9.49	
				Suspended Solid	16.50	13.00	14.43	
X_W180	1-Dec-10	Mid-ebb	WSD20	DO (mg/L)	6.56	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations Remarks / Other Obs: Since the natural flow during the ebb tide indicated that the source of impact was located at the upstream of the project site and no exceedance was recorded at the monitoring stations near the marine work area, it is concluded that the source of impact was due to natural variation or change around WSD20 and not related to the project work.
				Turbidity	4.65	8.04	9.49	
				Suspended Solid	13.50	13.00	14.43	
X_W181	3-Dec-10	Mid-flood	WSD19	DO (mg/L)	5.73	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.HK/2009/01, it is considered not related to the Project.
				Turbidity	6.65	8.04	9.49	
				Suspended Solid	14.00	13.00	14.43	
X_W182	8-Dec-10	Mid-flood	WSD20	DO (mg/L)	6.51	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.
				Turbidity	9.90	8.04	9.49	
				Suspended Solid	15.50	13.00	14.43	
X_W183	13-Dec-10	Mid-flood	WSD20	DO (mg/L)	5.80	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.
				Turbidity	11.10	8.04	9.49	
				Suspended Solid	19.50	13.00	14.43	
X_W184	11-Dec-10	Mid-flood	WSD21	DO (mg/L)	6.33	3.66	3.28	Possible reason: Silt screen washing was undertaken during the warer quality monitoring Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations Remarks / Other Obs: In the view of no exceedance recorded at the monitoring Stations C5e and C5w, it is considered not related to the Project.
				Turbidity	4.88	8.04	9.49	
				Suspended Solid	17.50	13.00	14.43	
X_W185	13-Dec-10	Mid-flood	WSD17	DO (mg/L)	6.52	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations; No exceedance was recorded at the monitoring stations near the marine work site of HY/2009/11 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, it is concluded that the source of impact was due to natural variation or change around WSD17 and not related to the project work.
				Turbidity	4.33	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_W186	13-Dec-10	Mid-ebb	WSD7	DO (mg/L)	5.75	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.HK/2009/01, it is considered not related to the Project.
				Turbidity	4.03	8.04	9.49	
				Suspended Solid	13.50	13.00	14.43	
X_W187	16-Dec-10	Mid-flood	WSD20	DO (mg/L)	6.72	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.
				Turbidity	9.94	8.04	9.49	
				Suspended Solid	17.50	13.00	14.43	
X_W188	20-Dec-10	Mid-flood	WSD20	DO (mg/L)	6.58	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations 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.
				Turbidity	10.53	8.04	9.49	
				Suspended Solid	19.00	13.00	14.43	
X_W189	23-Dec-10	Mid-ebb	WSD10	DO (mg/L)	5.03	3.66	3.28	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the trend of overall results at all monitoring stations Remarks / Other Obs: 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.
				Turbidity	2.60	8.04	9.49	
				Suspended Solid	13.50	13.00	14.43	

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_10C180	1-Dec-10	Mid-flood	C6	DO (mg/L)	6.01	3.36	2.73	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: Silt screen and silt curtain were in proper condition during monitoring. Proper works practices of dredging work was observed during site audit on 30 Nov 2010. No exceedance was recorded at C7. It is considered not related to the Project works.	
				Turbidity (NTU)	9.46	9.10	10.25		
				SS (mg/L)	11.00	15.00	22.13		
X_10C181	1-Dec-10	Mid-flood	C8	DO (mg/L)	5.04	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls and fish cluster near monitoring station.	
				Turbidity (NTU)	5.16	9.10	10.25		
				SS (mg/L)	16.00	15.00	22.13		
X_10C182	1-Dec-10	Mid-ebb	C8	DO (mg/L)	5.71	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls and fish cluster near monitoring station.	
				Turbidity (NTU)	5.44	9.10	10.25		
				SS (mg/L)	16.50	15.00	22.13		
X_10C183	8-Dec-10	Mid-flood	C8	DO (mg/L)	5.65	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results; Contractor was reminded to keep proper works practices for the silt curtain during vessel movement Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls and fish cluster near monitoring station.	
				Turbidity (NTU)	10.23	9.10	10.25		
				SS (mg/L)	19.50	15.00	22.13		
X_10C184	11-Dec-10	Mid-flood	C8	DO (mg/L)	5.59	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results; Contractor was reminded to keep proper works practices for the silt curtain during vessel movement Remarks / Other Obs: It is considered that exceedance was not related to the project work due to the discharge from outfalls and fish cluster near monitoring station.	
				Turbidity (NTU)	13.18	9.10	10.25		
				SS (mg/L)	20.00	15.00	22.13		



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C185	13-Dec-10	Mid-flood	C6	DO (mg/L)	4.90	3.36	2.73	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results; No exceedance was recorded at C7 Remarks / Other Obs: Silt screen and silt curtain were in proper condition during monitoring. Proper works practices of dredging work was observed during site audit on 14 Dec 2010. It is considered not related to the Project works.
				Turbidity (NTU)	10.14	9.10	10.25	
				SS (mg/L)	21.00	15.00	22.13	
X_10C186	8-Dec-10	Mid-flood	C9	DO (mg/L)	5.74	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. Since 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.
				Turbidity (NTU)	7.57	9.10	10.25	
				SS (mg/L)	16.00	15.00	22.13	
X_10C187	16-Dec-10	Mid-flood	C6	DO (mg/L)	5.45	3.36	2.73	Possible reason: Natural variation or changes in ambient conditions Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results; No exceedance was recorded at C7 Remarks / Other Obs: Silt screen and silt curtain were in proper condition during monitoring. Proper works practices of dredging work was observed during site audit on 14 Dec 2010. It is considered not related to the Project works.
				Turbidity (NTU)	10.68	9.10	10.25	
				SS (mg/L)	14.00	15.00	22.13	
X_10C188	16-Dec-10	Mid-flood	C8	DO (mg/L)	6.19	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. Action taken / to be taken: RE and Contractor was notified on the next working day and dredging work was suspended for a joint investigation. Daily dredging rate (1500m3) was checked and confirmed complying with EP condition. Contractor was reminded to enhance mitigation measures with a double layer silt curtain and reduced dredging rate before the frame type silt screen could be installed. Close monitoring on contractor mitigation and the variation of water quality results was then maintained. 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:8.28NTU, SS:8mg/L on 16 Dec 2010 at mid-ebb tide).
				Turbidity (NTU)	21.13	9.10	10.25	
				SS (mg/L)	30.00	15.00	22.13	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C189	16-Dec-10	Mid-flood	C9	DO (mg/L)	6.64	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. Since 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.
				Turbidity (NTU)	9.37	9.10	10.25	
				SS (mg/L)	19.50	15.00	22.13	
X_10C190	18-Dec-10	Mid-flood	C8	DO (mg/L)	5.95	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results; Contractor was reminded to keep proper works practices for the silt curtain during vessel movement Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls near monitoring station.
				Turbidity (NTU)	7.88	9.10	10.25	
				SS (mg/L)	16.00	15.00	22.13	
X_10C191	18-Dec-10	Mid-flood	C9	DO (mg/L)	6.24	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. Since 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.
				Turbidity (NTU)	8.20	9.10	10.25	
				SS (mg/L)	17.00	15.00	22.13	
X_10C192	22-Dec-10	Mid-flood	C8	DO (mg/L)	3.90	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls near monitoring station.
				Turbidity (NTU)	9.40	9.10	10.25	
				SS (mg/L)	13.50	15.00	22.13	
X_10C193	20-Dec-10	Mid-flood	C8	DO (mg/L)	5.55	3.36	2.73	Possible reason: Accumulation of particles from outfalls and fish cluster near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. It is considered that exceedance was not related to the project work due to the discharge from outfalls near monitoring station.
				Turbidity (NTU)	8.61	9.10	10.25	
				SS (mg/L)	18.50	15.00	22.13	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C194	20-Dec-10	Mid-flood	C9	DO (mg/L)	5.58	3.36	2.73	Possible reason: Accumulation of particles from outfalls near monitoring station Action taken / to be taken: Reviewed the Contractor works and the trend of monitoring results
				Turbidity (NTU)	7.98	9.10	10.25	
				SS (mg/L)	17.00	15.00	22.13	Remarks / Other Obs: The exceedance within tolerance of Baseline monitoring. Since 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.

Action Level - Value highlight in blue colour

Limit Level - Value highlight in red colour