



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_120709	9-Jul-12	Mid-Ebb	OP4	Odour Intensity	2	2	3	<p>Possible reason: Possible in relation to the sewage from outfall near OP4</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. Repeated the measurement to confirm the result. No dredging work was observed during the odour monitoring. According to the information reported by Contractor HK/2009/15, dredging works for reclamation near OP4 had been completed at the end of March 2012.</p> <p>Remarks / Other Obs: Moreover, no complaint regarding to odour was received on 9 July 2012. In view that no dredging work was conducted during monitoring and no complaint regarding to odour was received, it was considered not related to Project works.</p>
X_120727	27-Jul-12	Mid-Flood	OP4	Odour Intensity	2	2	3	<p>Possible reason: Possible in relation to the sewage from outfall near OP4</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedance. Repeated the measurement to confirm the result. Checking with contractor's work, TS2 dredging work was conducted on that day. Reviewing the monitoring result nearer to the TS2 dredging at OP7 and OP6, there was no exceedance recorded.</p> <p>Remarks / Other Obs: According to the information reported by Contractor HK/2009/15, dredging works for reclamation near OP4 had been completed at the end of March 2012. Moreover, no complaint regarding to odour was received on 27 July 2012. In view that the odour patrol locations located nearest the TS2 dredging were well below the Action level a and no complaint regarding to odour was received, it was considered not related to Project works.</p>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W327	12-Jul-12	Mid-Flood	WSD21	DO (mg/L)	4.24	3.17	2.63	Possible reason: Possible in relation to cleaning of screen panels at SHK and Wan Chai WSD Pumping Station was recorded on 12 July 2012. Action taken / to be taken: Checking with contractor's works on 12 July, the marine works below were undertaken: - Rockfilling and laying of geotextile in WCR2 - Substructure works in New Ferry Pier Reviewing the results at the monitoring stations nearer than WSD 21, no exceedance was recorded. Checking with the contractor's inspection record, the silt screen and silt curtain were in proper condition on 12 July 2012. Remarks / Other Obs: The exceedances was possibly due to cleaning of screen panels at the pumping station. Materials from the cleaning of screen panels was unavoidably collected during monitoring. No further exceedance was recorded in the next consecutive monitoring. The exceedance was considered as not project related.
				Turbidity	4.12	10.01	11.54	
				Suspended Solid	32.00	16.26	19.74	
X_W328	18-Jul-12	Mid-Ebb	WSD19	DO (mg/L)	2.79	3.17	2.63	Possible reason: Possible in relation to the low flow and low water depth during ebb tide Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. The tidal was moving eastward. No odour nuisance was noted during DO monitoring. Checked with Contractor's work on 18 July, there was no work conducted on that day. Remarks / Other Obs: In view that there was no marine activities conducted on that day, the exceedance was considered to be the natural variation of water quality and not related to the Project works
				Turbidity	4.21	10.01	11.54	
				Suspended Solid	8.50	16.26	19.74	
X_W329	18-Jul-12	Mid-Ebb	WSD9	DO (mg/L)	3.10	3.17	2.63	Possible reason: Possible in relation to the low flow and low water depth during ebb tide Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. No odour nuisance was noted during DO monitoring. Checked with Contractor's work on 18 July, WCR2 rock filling and Sub-structure works were conducted on that day. Reviewing the results at the monitoring stations within site area, no exceedance was recorded. Remarks / Other Obs: In view that no exceedance was recorded at the monitoring stations within site area and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	2.36	10.01	11.54	
				Suspended Solid	6.50	16.26	19.74	
X_W330	18-Jul-12	Mid-Ebb	WSD17	DO (mg/L)	2.42	3.17	2.63	Possible reason: Possible in relation to the low flow and low water depth during ebb tide Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances.No odour nuisance was noted during DO monitoring. Checked with Contractor's work on 18 July, WCR2 rock filling and Sub-structure works were conducted on that day. Reviewing the results at the monitoring stations within site area, no exceedance was recorded. Checking with the contractor's inspection record, the maintenance of silt screen was conducted on 18 July 2012. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that no exceedance was recorded at the monitoring stations within site area and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	3.71	10.01	11.54	
				Suspended Solid	3.50	16.26	19.74	
X_W331	20-Jul-12	Mid-Ebb	WSD9	DO (mg/L)	2.31	3.17	2.63	Possible reason: Possible in relation to the low flow and low water depth during ebb tide Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. No odour nuisance was noted during DO monitoring. Checked with Contractor's work on 20 July, WCR2 rock filling and Sub-structure works were conducted on that day. Reviewing the results at the monitoring stations within site area, no exceedance was recorded. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that no exceedance was recorded at the monitoring stations within site area and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity	4.34	10.01	11.54	
				Suspended Solid	5.50	16.26	19.74	

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

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_10C396	30-Jun-12	Mid-Flood	C8	DO (mg/L)	5.39	3.02	2.44	Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Immediate repeated measurement to confirm the exceedance. Confirmed with Contractor, no work was conducted on that day. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that reclamation work by contractor HY/2009/11 was confirmed completed by RSS on Jan 4 2012 and contractor of HY2009/19 confirmed that no related marine construction activity was performed during time of monitoring, the exceedance was 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)	18.30	11.35	12.71	
				SS (mg/L)	17.50	18.42	27.54	
X_10C397	5-Jul-12	Mid-Flood	C4w	DO (mg/L)	2.98	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was detected during DO monitoring. According to Contractor's records, filling at HKCEC water channel was conducted on that day. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition. Remarks / Other Obs: No further DO exceedance was recorded in the next consecutive monitoring. In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt curtains for filling works were in proper condition and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity (NTU)	1.60	11.35	12.71	
				SS (mg/L)	<2	18.42	27.54	
X_10C398	7-Jul-12	Mid-Ebb	C8	DO (mg/L)	4.06	3.02	2.44	Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Immediate repeated measurement to confirm the exceedance. Confirmed with Contractor, no marine work was conducted on that day. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that reclamation work by contractor HY/2009/11 was confirmed completed by RSS on Jan 4 2012 and contractor of HY2009/19 confirmed that no related marine construction activity was performed during time of monitoring, the exceedance was 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)	14.35	11.35	12.71	
				SS (mg/L)	9.50	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action	
X_10C399	11-Jul-12	Mid-Ebb	C7	DO (mg/L)	4.80	3.02	2.44	Possible reason: Possible in relation to the accumulation of floating debris near to the intake. Checking with Contractor's records, TS1 removal work was conducted on that day. Floating debris near to intake was observed during monitoring. Checking with the Contractor and RSS daily records, the silt screen and silt curtain were in proper condition.	
				Turbidity (NTU)	2.98	11.35	12.71		Action taken / to be taken:
				SS (mg/L)	20.50	18.42	27.54		Remarks / Other Obs:
X_10C400	16-Jul-12	Mid-Ebb	C7	DO (mg/L)	2.83	3.02	2.44	Possible reason: Possible in relation to the temperature and low water depth during ebb tide	
				Turbidity (NTU)	2.79	11.35	12.71		Action taken / to be taken:
				SS (mg/L)	4.00	18.42	27.54		Remarks / Other Obs:
X_10C401	16-Jul-12	Mid-Flood	C5e	DO (mg/L)	4.52	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station	
				Turbidity (NTU)	8.89	11.35	12.71		Action taken / to be taken:
				SS (mg/L)	18.50	18.42	27.54		Remarks / Other Obs:
X_10C402	18-Jul-12	Mid-Ebb	C7	DO (mg/L)	1.99	3.02	2.44	Possible reason: Possible in relation to the accumulation of particles discharged from outfall near monitoring station under rainy during the monitoring (Thunderstorm signal was enforced between 12:45 to 14:00)	
				Turbidity (NTU)	4.74	11.35	12.71		Action taken / to be taken:
				SS (mg/L)	4.50	18.42	27.54		Remarks / Other Obs:



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measure	Action Level	Limit Level	Follow-up action
X_10C403	18-Jul-12	Mid-Ebb	C9	DO (mg/L)	2.58	3.02	2.44	Possible reason: Possible in relation to the low flow and low water depth during ebb tide  Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedance. Repeated the measurement to confirm the result. No odour nuisance was detected during DO monitoring. Checked with contractor works, no marine work was conducted on that day.  Remarks / Other Obs: No further DO exceedance was recorded in the next consecutive monitoring. In view that there was no marine work and no odour was detected during monitoring, it was considered not related to Project works.
				Turbidity (NTU)	4.46	11.35	12.71	
				SS (mg/L)	4.00	18.42	27.54	
X_10C404	18-Jul-12	Mid-Ebb	C8	DO (mg/L)	2.62	3.02	2.44	Possible reason: Possible in relation to the accumulation of particles discharged from outfalls near monitoring station under rainy during the monitoring (Thunderstorm signal was enforced between 12:45 to 14:00)  Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedance. Repeated the measurement to confirm the result. No odour nuisance was detected during DO monitoring. Checked with contractor works, there was no related marine work conducted on that day.  Remarks / Other Obs: According to the meteorological information from HKO, total daily rainfall at the region of North Point was around 30-40 mm on 18 July 2012. No further DO exceedance was recorded in the next consecutive monitoring. The DO exceedance was considered causing by the potential impact from the rainfall and concluded as not project related exceedance.
				Turbidity (NTU)	8.48	11.35	12.71	
				SS (mg/L)	6.50	18.42	27.54	
X_10C405	20-Jul-12	Mid-Ebb	C8	DO (mg/L)	4.53	3.02	2.44	Possible reason: Accumulation of particles discharged from outfalls near monitoring station  Action taken / to be taken: Immediate repeated measurement to confirm the exceedance. Confirmed with Contractor, there was no marine work conducted on that day.  Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that reclamation work by contractor HY/2009/11 was confirmed completed by RSS on Jan 4 2012 and contractor of HY2009/19 confirmed that no related marine construction activity was performed during time of monitoring, the exceedance was 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)	21.75	11.35	12.71	
				SS (mg/L)	15.50	18.42	27.54	

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

Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D54	16-Jul-12	Mid-Ebb	Ex-WPCWA SE	Surface	DO (mg/L)	2.57	3.55	3	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 16 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D55	16-Jul-12	Mid-Ebb	C7	Middle	DO (mg/L)	2.83	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedance. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, TS1 removal work was conducted on 16 July 2012 .</p> <p>Remarks / Other Obs: Checking with the Contractor's daily records, the maintenance of silt curtain frame for TS2 dredging was carried out on that day. The silt screen was in proper condition</p> <p>In view that no dredging work was conducted on 16 July 2012, the silt screen was in proper condition and no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D56	16-Jul-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO (mg/L)	2.80	3.55	3	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 16 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D57	16-Jul-12	Mid-Ebb	Ex-WPCWA SE	Bottom	DO (mg/L)	2.78	3.76	3.76	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 16 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D58	18-Jul-12	Mid-Ebb	C7	Middle	DO (mg/L)	1.99	3.31	2.57	<p>Possible reason: Possible in relation to the low flow and low water depth during ebb tide</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at CBTs on 18 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities conducted at CBTs, it was considered not related to Project works.</p>
X_10D59	18-Jul-12	Mid-Ebb	Ex-WPCWA SW	Middle	DO (mg/L)	2.10	3.19	3.1	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 18 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D60	18-Jul-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO (mg/L)	2.07	3.55	3	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 18 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D61	20-Jul-12	Mid-Ebb	Ex-WPCWA SE	Middle	DO (mg/L)	2.74	3.55	3	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 20 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>
X_10D62	20-Jul-12	Mid-flood	Ex-WPCWA SE	Middle	DO (mg/L)	3.27	3.55	3	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 20 July 2012.</p> <p>Remarks / Other Obs: In view that there was no marine activities at ex-WPCWA, it was considered not related to Project works.</p>

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