



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A009	15-Apr-13	13:00	CMA1b-Oil Street Site Office	353	1 hr TSP (ug/m <sup>3</sup> )	320.1	500	<p><b>Possible reason:</b> High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road were implemented by contractor.</p> <p><b>Remarks / Other Obs:</b> Launching works for box culvert U was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 90-92 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_13A010	15-Apr-13	15:28	CMA1b-Oil Street Site Office	465	1 hr TSP (ug/m <sup>3</sup> )	320.1	500	<p><b>Possible reason:</b> High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road were implemented by contractor.</p> <p><b>Remarks / Other Obs:</b> Launching works for box culvert U was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 91-92 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A007	15-Apr-13	10:47	CMA3a-CWB PRE Site Office	387	1 hr TSP (ug/m <sup>3</sup> )	311.3	500	<p><b>Possible reason:</b> High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for dust generating activities within the ELS area at TPWCAE were implemented by contractor.</p> <p><b>Remarks / Other Obs:</b> Although rock breaking at mined tunnel was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 97-96 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_13A008	15-Apr-13	13:00	CMA3a-CWB PRE Site Office	344	1 hr TSP (ug/m <sup>3</sup> )	311.3	500	<p><b>Possible reason:</b> High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for dust generating activities within the ELS area at TPWCAE were implemented by contractor.</p> <p><b>Remarks / Other Obs:</b> Although rock breaking at mined tunnel was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 92-90 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedances were recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A011	15-Apr-13	8:04	CMA6a-WDII PRE Office	446	1 hr TSP (ug/m <sup>3</sup> )	300.1	500	<p><b>Possible reason:</b> High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p><b>Action taken / to be taken:</b> Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including covering of stockpile material were implemented by contractor.</p> <p><b>Remarks / Other Obs:</b> Backfilling at planter area at Convention Avenue was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD across Central/ Western and Eastern District during the monitoring period were ranged from 101-105 and 97 respectively indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the exceedance was considered as non-project related.</p>

Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N124	3-Apr-13	14:35	M6 - HK baptist Church henrietta Secondary School	74	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p><b>Action taken / to be taken:</b> Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Noise mitigation measures by contractor including temporary noise barriers at marine platform were erected and noise screen for breaker in-use was confirmed in place.</p> <p><b>Remarks / Other Obs:</b> Breaking works for Contract HY/2009/19 was conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.</p>
X_10N125	12-Apr-13	10:32	M6 - HK baptist Church henrietta Secondary School	75	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Breakers were found to be in operation at marine works pier F3 during measurement despite nearby traffic was observed. Noise barrier was provided at marine pier but was considered inadequate.</p> <p><b>Action taken / to be taken:</b> Immediate repeat measurement was conducted to confirm result at the same location . The construction noise level of repeated measurement at the same location on the same date was: <u>12 April 2013 at 11:03 74 dB(A)</u>.</p> <p>Additional monitoring was conducted on 15 April 2013. Active breaking operation and nearby IEC traffic was observed during monitoring. Rectified mitigation measures including provision of additional noise blanket at top side of marine pier and reduction in the number of breakers were implemented by the contractor.  The construction noise level during additional monitoring was found to be <u>15 April 2013 at 14:15 70 dB(A)</u>  No further exceedance was recorded.</p> <p><b>Remarks / Other Obs:</b> Breaking works for Contract HY/2009/19 was conducted during the measurement on 12 April 2013, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was project related and the contractor was requested to submit a proposal for remediation measures following the Event and Action Plan.</p>
X_10N126	16-Apr-13	10:15	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p><b>Action taken / to be taken:</b> Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Noise mitigation measures by contractor including temporary noise barriers and noise blanket at marine platform were erected and noise screen for breaker in-use was confirmed in place.</p> <p><b>Remarks / Other Obs:</b> Pile head breaking and formwork installation works for Contract HY/2009/19 were conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>
X_10N127	23-Apr-13	15:55	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p><b>Possible reason:</b> Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p><b>Action taken / to be taken:</b> Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p><b>Remarks / Other Obs:</b> Derrick barge operation for Contract HY/2009/19 was observed during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_W419	1-Apr-13	Mid-Flood	WSD21	DO(mg/L)	5.37	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	2.35	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 1 April 2013 no marine work was conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on that day.
				SS	19.50	16.26	19.74	Remarks / Other Obs:	No further exceedance was recorded in the next consecutive monitoring. In view that no marine work was conducted on that day, the exceedances was considered not project related.
X_W420	3-Apr-13	Mid-Flood	WSD21	DO(mg/L)	4.71	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	6.33	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 3 April 2013 no marine work was conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on that day.
				SS	19.00	16.26	19.74	Remarks / Other Obs:	No further exceedance was recorded in the next consecutive monitoring. In view that no marine work was conducted on that day, the exceedances was considered not project related.
X_W421	8-Apr-13	Mid-Ebb	WSD19	DO(mg/L)	5.64	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	11.09	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 8 April 2012 backfilling at Victoria Harbour was conducted on that day.
				SS	11.50	16.26	19.74	Remarks / Other Obs:	In view that the turbidity at monitoring stations located nearest the marine work site were well below the Action level, the exceedances was considered not project related.
X_W422	12-Apr-13	Mid-Ebb	WSD19	DO(mg/L)	5.51	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	12.13	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 12 April 2012 backfilling at Victoria Harbour was conducted on that day.
				SS	19.00	16.26	19.74	Remarks / Other Obs:	In view that the turbidity at monitoring stations located nearest the marine work site were well below the Action level, the exceedances was considered not project related.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action	
X_W423	24-Apr-13	Mid-Ebb	WSD19	DO(mg/L)	5.56	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	15.64	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 24 April 2012 armour rock backfilling at Victoria Harbour was conducted on that day.
				SS	31.00	16.26	19.74	Remarks / Other Obs:	In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedances was considered not project related.
X_W424	27-Apr-13	Mid-Flood	WSD17	DO(mg/L)	6.82	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	9.06	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 27 April 2012 , no marine work was conducted on that day.
				SS	16.50	16.26	19.74	Remarks / Other Obs:	In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedances was considered not project related.
X_W425	27-Apr-13	Mid-Ebb	WSD19	DO(mg/L)	5.08	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	11.81	10.01	11.54	Action taken / to be taken:	Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 27 April 2012 armour rock backfilling at Victoria Harbour was conducted on that day.
				SS	22.00	16.26	19.74	Remarks / Other Obs:	In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedances was considered not project related.



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D233	29-Mar-13	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.93	4.26	3.61	<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 29 Mar 2013.</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_10D234	17-Apr-13	Mid-Ebb	Ex-WPCWA SW	Middle	DO(mg/l)	2.73	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 17 April 2013.</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_10D235	22-Apr-13	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.52	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 22 April 2013.</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_10D236	27-Apr-13	Mid-Ebb	Ex-WPCWA SW	Bottom	DO(mg/l)	3.28	3.31	3.25	<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 27 April 2013.</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>

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C543	29-Mar-13	Mid-Flood	C4e	DO(mg/L)	4.56	3.36	2.73	<p><b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of the water quality monitoring station</p> <p><b>Action taken / to be taken:</b> Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 29 Mar 2013, rock filling at East of HKCEC was conducted during monitoring. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.</p> <p><b>Remarks / Other Obs:</b> No further exceedance was recorded in the next consecutive monitoring. In view that the silt screen and silt curtain for filling were in proper condition, the exceedance was considered not project related.</p>
				Turbidity	5.66	9.10	10.25	
				SS	19.50	15.00	22.13	
X_10C544	29-Mar-13	Mid-Flood	C9	DO(mg/L)	5.93	3.36	2.73	<p><b>Possible reason:</b> Accumulation of unknown particles from nearby outfall</p> <p><b>Action taken / to be taken:</b> Immediate repeated measurement was conducted to confirm the exceedances. Confirmed with Contractor that no marine works were performed that day.</p> <p><b>Remarks / Other Obs:</b> No further exceedance was recorded in the next consecutive monitoring. Contractor of HY/2009/19 confirmed that no related marine work 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.</p>
				Turbidity	9.44	9.10	10.25	
				SS	10.00	15.00	22.13	
X_10C545	5-Apr-13	Mid-Flood	C4w	DO(mg/L)	4.14	3.02	2.44	<p><b>Possible reason:</b> Natural variation or changes of water quality in the vicinity of the water quality monitoring station</p> <p><b>Action taken / to be taken:</b> Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 5 April 2013, rock filling at East of HKCEC and backfilling works at Victoria Harbour was conducted during monitoring. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.</p> <p><b>Remarks / Other Obs:</b> No further 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, the silt screen and silt curtain were in proper condition, it was considered not related to Project works.</p>
				Turbidity	4.67	11.35	12.71	
				SS	24.50	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C546	8-Apr-13	Mid-Flood	C3	DO(mg/L)	1.75	3.02	2.44	<p><b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b> Rock filling at East side of Expo Drive East and backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 8 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. As such, the exceedance was considered to be related to the Project. The trend of water quality (DO) was closely monitored on 10 Apr 2013.</p>
				Turbidity	4.07	11.35	12.71	
				SS	5.00	18.42	27.54	
X_10C547	8-Apr-13	Mid-Flood	C4e	DO(mg/L)	1.23	3.02	2.44	<p><b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b> Rock filling at East side of Expo Drive East and backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 8 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. As such, the exceedance was considered to be related to the Project. The trend of water quality (DO) was closely monitored on 10 Apr 2013.</p>
				Turbidity	3.96	11.35	12.71	
				SS	4.00	18.42	27.54	

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C548	8-Apr-13	Mid-Flood	C4w	DO(mg/L)	1.45	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	3.84	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	3.50	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.  Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.  Rock filling at East side of Expo Drive East and backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 8 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. As such, the exceedance was considered to be related to the Project. The trend of water quality (DO) was closely monitored on 10 Apr 2013.
X_10C549	8-Apr-13	Mid-Ebb	C3	DO(mg/L)	2.2	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	4.90	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	3.00	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.  Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.  Rock filling at East side of Expo Drive East and backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 8 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. As such, the exceedance was considered to be related to the Project. The trend of water quality (DO) was closely monitored on 10 Apr 2013.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C550	8-Apr-13	Mid-Ebb	C4w	DO(mg/L)	3	3.02	2.44	<p><b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b> Rock filling at East side of Expo Drive East and backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 8 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. As such, the exceedance was considered to be related to the Project. The trend of water quality (DO) was closely monitored on 10 Apr 2013.</p>
				Turbidity	2.78	11.35	12.71	
				SS	4.00	18.42	27.54	
X_10C551	10-Apr-13	Mid-Ebb	C3	DO(mg/L)	1.47	3.02	2.44	<p><b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b> Backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 10 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. Continuous low DO level was hence recorded and the exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 12 Apr 2013.</p>
				Turbidity	7.12	11.35	12.71	
				SS	4.50	18.42	27.54	

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C552	10-Apr-13	Mid-Ebb	C4e	DO(mg/L)	1.27	3.02	2.44	<b>Possible reason:</b>
				Turbidity	3.99	11.35	12.71	<b>Action taken / to be taken:</b>
				SS	6.00	18.42	27.54	<b>Remarks / Other Obs:</b>
<p>Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p>Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p>Backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 10 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. Continuous low DO level was hence recorded and the exceedance was considered as project related. The trend of water quality ( DO) was closely monitored on 12 Apr 2013.</p>								
X_10C553	10-Apr-13	Mid-Ebb	C4w	DO(mg/L)	1.58	3.02	2.44	<b>Possible reason:</b>
				Turbidity	2.12	11.35	12.71	<b>Action taken / to be taken:</b>
				SS	2.50	18.42	27.54	<b>Remarks / Other Obs:</b>
<p>Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p>Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and implement appropriate mitigation measures to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p>Backfilling works at Victoria Harbour was conducted by contract HK/2009/01 on 10 April 2013. The partial blockage of water flow leading to the deterioration of water circulation was considered as the major contribution of the low DO level. Continuous low DO level was hence recorded and the exceedance was considered as project related. The trend of water quality ( DO) was closely monitored on 12 Apr 2013.</p>								

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C554	12-Apr-13	Mid-flood	C3	DO(mg/L)	1.59	3.02	2.44	<p><b>Possible reason:</b></p> <p>Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b></p> <p>Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b></p> <p>Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.</p>
				Turbidity	3.87	11.35	12.71	
				SS	5.00	18.42	27.54	
X_10C555	12-Apr-13	Mid-flood	C4e	DO(mg/L)	1.26	3.02	2.44	<p><b>Possible reason:</b></p> <p>Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b></p> <p>Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area.</p> <p>Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored.</p> <p><b>Remarks / Other Obs:</b></p> <p>Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.</p>
				Turbidity	7.29	11.35	12.71	
				SS	4.00	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C556	12-Apr-13	Mid-flood	C4w	DO(mg/L)	2.46	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	5.86	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	2.00	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area. Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored. Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.
X_10C557	12-Apr-13	Mid-Ebb	C3	DO(mg/L)	2.36	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	5.16	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	3.50	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area. Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored. Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C558	12-Apr-13	Mid-Ebb	C4e	DO(mg/L)	1.38	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	5.42	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	2.50	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area. Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored. Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.
X_10C559	12-Apr-13	Mid-Ebb	C4w	DO(mg/L)	1.6	3.02	2.44	<b>Possible reason:</b> Deterioration of water circulation within the water channel underneath HKCEC resulted from partial blockage of water flow at HKCEC3E was observed and was considered as the major contribution of the low DO level recorded.
				Turbidity	2.84	11.35	12.71	<b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.
				SS	3.00	18.42	27.54	<b>Remarks / Other Obs:</b> The Contractor, RE and IEC were informed when the exceedances were recorded. A water pump was provided by the contractor at the water intake wells underneath HKCEC. ET recommended the contractor to suspend the filling work at HKCEC3E, clear the partial blockage and review the mitigation measures implemented to restore the water quality (DO) at the concerned area. Upon considering the exceedance is related to the Project, the filling works at HKCEC3E was suspended on 13 April 2013. Mitigation measures including provision of water pump and opening of silt curtain enclosure at the concerned area which block the water circulation without adversely impact nearby water quality. The effectiveness of the mitigation measure is closely reviewed at the concerned area and the trend of DO is closely monitored. Rock filling at east side of Expo Drive East and Backfilling works at Victoria Harbour were conducted by contract HK/2009/01 on 12 April 2013. The partial blockage of water flow at HKCEC3E leading to reduced water circulation at the water channel underneath HKCEC was considered as the major contribution of low DO level. Continuous low DO level was hence recorded despite the provision of water pump by contractor at the concerned area. The exceedance was considered as project related. The trend of water quality (DO) was closely monitored on 15 April 2013.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C560	15-Apr-13	Mid-Flood	C3	DO(mg/L)	2.35	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	3.49	11.35	12.71	
				SS	4.00	18.42	27.54	
X_10C561	15-Apr-13	Mid-Flood	C4e	DO(mg/L)	1.22	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	3.79	11.35	12.71	
				SS	5.00	18.42	27.54	





Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C562	15-Apr-13	Mid-Flood	C4w	DO(mg/L)	0.99	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	3.89	11.35	12.71	
				SS	3.00	18.42	27.54	
X_10C563	15-Apr-13	Mid-ebb	C3	DO(mg/L)	1.21	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	4.98	11.35	12.71	
				SS	4.50	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C564	15-Apr-13	Mid-ebb	C4e	DO(mg/L)	1.29	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	6.86	11.35	12.71	
				SS	7.50	18.42	27.54	
X_10C565	15-Apr-13	Mid-ebb	C4w	DO(mg/L)	0.84	3.02	2.44	<p><b>Possible reason:</b> Accumulation of pollutant discharged from nearby outfall at the water channel was observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump was provided by the contractor at the water intake wells underneath HKCEC. The partial blockage of water flow at HKCEC3E was improved by opening up part of the silt curtain enclosure which block the water circulation without adversely impacting nearby water quality.</p> <p>ET recommended the contractor to review the effectiveness of the mitigation measures and take action to further enhance the dispersion of the accumulated substances discharged from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was considered as the major contribution of the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	6.20	11.35	12.71	
				SS	3.00	18.42	27.54	

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C566	17-Apr-13	Mid-flood	C3	DO(mg/L)	1.09	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	4.01	11.35	12.71	
				SS	3.00	18.42	27.54	
X_10C567	17-Apr-13	Mid-flood	C4e	DO(mg/L)	2.07	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	3.32	11.35	12.71	
				SS	5.00	18.42	27.54	

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C568	17-Apr-13	Mid-flood	C4w	DO(mg/L)	1.51	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	2.95	11.35	12.71	
				SS	5.00	18.42	27.54	
X_10C569	17-Apr-13	Mid-ebb	C3	DO(mg/L)	2.03	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	2.91	11.35	12.71	
				SS	6.00	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C570	17-Apr-13	Mid-ebb	C4e	DO(mg/L)	1.51	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded. The turbulence caused by the used of re-aeration pump was considered to contribute to the turbidity exceedance.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality. Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	13.18	11.35	12.71	
				SS	8.50	18.42	27.54	
X_10C571	17-Apr-13	Mid-ebb	C4w	DO(mg/L)	1.91	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and additional re-aeration pump were provided by the contractor at the water intake wells underneath HKCEC and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality. Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, ET recommended the contractor to further review the effectiveness of mitigation measures and provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody from nearby outfall to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	3.99	11.35	12.71	
				SS	12.00	18.42	27.54	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C572	19-Apr-13	Mid-flood	C3	DO(mg/L)	1.39	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and aeration pump were provided by the contractor at the water intake wells underneath HKCEC to further enhance DO and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, the contractor was advised to review and promptly provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody at the water channel to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	4.04	11.35	12.71	
				SS	<2	18.42	27.54	
X_10C573	19-Apr-13	Mid-flood	C4e	DO(mg/L)	1.87	3.02	2.44	<p><b>Possible reason:</b> Accumulation of discharge from nearby outfall and DO depleted waterbody at the water channel were observed and was considered as the major contribution of the low DO level recorded.</p> <p><b>Action taken / to be taken:</b> Immediate repeat in-situ measurement to confirm the exceedances. Odour nuisance was detected during monitoring. Review the contractor work procedures.</p> <p>The Contractor, RE and IEC were informed when the exceedances were recorded. Filling work at HKCEC3E (Area 8 &amp; 9) was suspended since 13 April 2013. Water pump and aeration pump were provided by the contractor at the water intake wells underneath HKCEC to further enhance DO and opening of the silt curtain enclosure was maintained enclosure to minimize the effect of partial blockage to water flow without adversely impacting nearby water quality.</p> <p>Persistent low DO level was recorded despite the implementation of the aforesaid mitigation measures, the contractor was advised to review and promptly provide additional mitigation measures to enhance the dispersion of the accumulated discharge and DO depleted waterbody at the water channel to restore the water quality (DO) at the concerned area.</p> <p><b>Remarks / Other Obs:</b> No further filling work was conducted by contract HK/2009/01 since 13 April 2013. The accumulation of outfall discharge within the water channel underneath the HKCEC was observed and considered to continuously contribute to the exceedance. As such, the exceedance was considered non-project related.</p>
				Turbidity	4.63	11.35	12.71	
				SS	2.50	18.42	27.54	