



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|-----------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_W269 | 28-Oct-11 | Mid-flood | WSD19 | DO (mg/L) | 4.17 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there were drilling and installation pipe pile at land area, installation sheet pile wall at sea where are located in Tsim Sha Shui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Oct 2011. Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen at WSD19 was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 9.47 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 13.00 | 13.00 | 14.43 | |
| X_W270 | 28-Oct-11 | Mid-flood | WSD20 | DO (mg/L) | 4.34 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there were drilling and installation pipe pile at land area, installation sheet pile wall at sea where are located in Tsim Sha Shui. 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 exceedance was considered not project related exceedance. |
| | | | | Turbidity | 9.62 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 16.50 | 13.00 | 14.43 | |
| X_W271 | 28-Oct-11 | Mid-ebb | WSD19 | DO (mg/L) | 5.48 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there were drilling and installation pipe pile at land area, installation sheet pile wall at sea where are located in Tsim Sha Shui. According to the Contractor's inspection records, the silt screen was in proper condition on 28 Oct 2011. Remarks / Other Obs: In view that WSD19 was located in upstream of the Project during ebb tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 9.64 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 14.00 | 13.00 | 14.43 | |
| X_W272 | 28-Oct-11 | Mid-ebb | WSD20 | DO (mg/L) | 5.97 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there were drilling and installation pipe pile at land area, installation sheet pile wall at sea where are located in Tsim Sha Shui. Remarks / Other Obs: In view that WSD20 was located in upstream of the Project during ebb tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 8.08 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 11.50 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|----------|-----------|----------|-------------------|----------|--------------|-------------|---|
| X_W273 | 1-Nov-11 | Mid-flood | WSD7 | DO (mg/L) | 5.13 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records that no marine work for Cross-Harbour Water Main was conducted on that day. According to the Contractor's inspection records, the silt screen was in proper condition on 1 Nov 2011. Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen at WSD7 was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 10.26 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 19.50 | 13.00 | 14.43 | |
| X_W274 | 1-Nov-11 | Mid-flood | WSD15 | DO (mg/L) | 6.15 | 3.66 | 3.28 | Possible reason: Algae accumulated behind the silt screen and in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 1 Nov 2011, the major marine activities were installation of berm blocks where in front of the substation of HKE and backfilled the general fill material where next to the Open Channel U. The silt curtain was observed in proper condition during the site inspection on 1 Nov. No any exceedance was recorded at C8 and C9 which are the closest stations to the works area mentioned above. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 4.46 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 40.00 | 13.00 | 14.43 | |
| X_W275 | 3-Nov-11 | Mid-flood | WSD19 | DO (mg/L) | 5.19 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checking with Contractor's records, there was installation sheet pile wall at sea where is located in Tsim Sha Shui. According to the Contractor's inspection records, the silt screen was in proper condition on 3 Nov 2011. Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen at WSD19 was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 6.48 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 15.50 | 13.00 | 14.43 | |
| X_W276 | 5-Nov-11 | Mid-flood | WSD15 | DO (mg/L) | 5.69 | 3.66 | 3.28 | Possible reason: Algae accumulated behind the silt screen was observed during water sampling Action taken / to be taken: Checked with the contractor marine work activities on 5 Nov 2011, the major marine activities were formworks erection for sealing off the gaps between slotted panels & caissons at the top slab of installed caisson seawalls and backfilled the general fill material where next to the Open Channel U and in front of the substation of HKE. Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 12.30 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 22.00 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|-----------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_W277 | 5-Nov-11 | Mid-flood | WSD19 | DO (mg/L) | 5.64 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was installation sheet pile wall at sea where is located in Tsim Sha Shui. According to the Contractor's inspection records, the silt screen was in proper condition on 5 Nov 2011. Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen at WSD19 was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 9.94 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 13.50 | 13.00 | 14.43 | |
| X_W278 | 9-Nov-11 | Mid-flood | WSD7 | DO (mg/L) | 5.25 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was excavation of obstruction for sheet pile wall where is located in Tsim Sha Shui. According to the Contractor's inspection records, the silt screen was in proper condition on 9 Nov 2011. Remarks / Other Obs: In view that the water quality at monitoring stations located nearest the marine work site were well below the Action level and the silt screen at WSD7 was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 9.22 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 9.50 | 13.00 | 14.43 | |
| X_W279 | 11-Nov-11 | Mid-flood | WSD15 | DO (mg/L) | 5.83 | 3.66 | 3.28 | Possible reason: Algae accumulated behind the silt screen and in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 11 Nov 2011, the major marine activities were concreting (formerly the lifting eyes) for installed caisson seawalls, backfilled the rock materials where next to the Open Channel U and preparation works for installation of berm blocks where next to the Open Channel U. The silt curtain was observed in proper condition during the site inspection on 16 Nov. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 4.42 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 30.50 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|-----------|-----------|----------|-------------------|----------|--------------|-------------|---|
| X_W280 | 14-Nov-11 | Mid-flood | WSD15 | DO (mg/L) | 5.80 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 14 Nov 2011, the major marine activities were renovation works such as painting for damaged concrete where on top of installed caisson seawalls and preparation works for installation of berm blocks where next to the Open Channel U. The silt curtain was observed in proper condition during the site inspection on 16 Nov. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 9.33 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 7.00 | 13.00 | 14.43 | |
| X_W281 | 14-Nov-11 | Mid-flood | WSD7 | DO (mg/L) | 5.70 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was dredging trench for Cross-Harour Water Mains near Tsim Sha Shui. Silt curtain has deployed surround the dredging area. According to the Contractor's inspection records, the silt screen was in proper condition on 14 Nov 2011. Remarks / Other Obs: In view that the silt screen at WSD7 and silt curtain were in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 8.33 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 13.00 | 13.00 | 14.43 | |
| X_W282 | 14-Nov-11 | Mid-flood | WSD20 | DO (mg/L) | 5.78 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was dredging trench for Cross-Harour Water Mains CH180-170 near Tsim Sha Shui. Silt curtain has deployed surround the dredging area. Remarks / Other Obs: In view that the silt curtain was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 9.24 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 14.00 | 13.00 | 14.43 | |
| X_W283 | 16-Nov-11 | Mid-flood | WSD20 | DO (mg/L) | 5.40 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with Contractor's records, there was dredging trench for Cross-Harour Water Mains CH170-160 near Tsim Sha Shui. Silt curtain has deployed surround the dredging area. Remarks / Other Obs: In view that the silt curtain was in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 10.80 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 15.50 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|-----------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_W284 | 16-Nov-11 | Mid-flood | WSD7 | DO (mg/L) | 5.70 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checking with Contractor's records, there was dredging trench for Cross-Harour Water Mains CH170-160 near Tsim Sha Shui. Silt curtain has deployed surround the dredging area. According to the Contractor's inspection records, the silt screen was in proper condition on 16 Nov 2011. Remarks / Other Obs: In view that the silt screen at WSD7 and silt curtain were in proper condition, the exceedance was considered not project related exceedance. |
| | | | | Turbidity | 6.73 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 15.00 | 13.00 | 14.43 | |
| X_W285 | 18-Nov-11 | Mid-flood | WSD15 | DO (mg/L) | 5.58 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 18 Nov 2011, the major marine activities were installation of berm blocks where next to the Open Channel U and backfill the general fill next to the Open Channel U. No any exceedance was recorded at C8 and C9 which are the closest stations to the works area mentioned above. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 4.35 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 48.50 | 13.00 | 14.43 | |
| X_W286 | 23-Nov-11 | Mid-flood | WSD21 | DO (mg/L) | 5.62 | 3.66 | 3.28 | Possible reason: Possible caused by the accumulation of particles inside the silt screen Action taken / to be taken: Checking with Contractor works, there were submarine Outfall Trench – Laying of HDPE pipe, lifting and installation of steel working platform at New Ferry Pier Area and existing seawall and rubble mound in WCR-2 – Installation of support steel frame for diversion of existing flow of SHK intake and discharge conducted. Contractor's daily records were also checked. The frame type silt screen at intake and silt curtain along the western seawall were deployed. Both silt screen and silt curtains were in proper condition in their daily inspection and during the water monitoring. Reviewing the water quality near the western seawall, no exceedance was recorded in the intakes C5e and C5w. Remarks / Other Obs: No further SS exceedance was recorded in the next consecutive monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered to be possible caused from the accumulation of particles inside the silt screen and not related to the Project works. |
| | | | | Turbidity | 7.59 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 17.00 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Avg.) | Measured | Action Level | Limit Level | Follow-up |
|---------|-----------|---------|----------|-------------------|----------|--------------|-------------|--|
| X_W287 | 23-Nov-11 | Mid-ebb | WSD21 | DO (mg/L) | 5.91 | 3.66 | 3.28 | Possible reason: Possible caused by the accumulation of particles inside the silt screen Action taken / to be taken: Checking with Contractor works, there were submarine Outfall Trench – Laying of HDPE pipe, lifting and installation of steel working platform at New Ferry Pier Area and existing seawall and rubble mound in WCR-2 – Installation of support steel frame for diversion of existing flow of SHK intake and discharge conducted. Contractor's daily records were also checked. The frame type silt screen at intake and silt curtain along the western seawall were deployed. Both silt screen and silt curtains were in proper condition in their daily inspection and during the water monitoring. Reviewing the water quality near the western seawall, no exceedance was recorded in the intakes C5e and C5w. |
| | | | | Turbidity | 8.26 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 10.00 | 13.00 | 14.43 | |
| X_W288 | 25-Nov-11 | Mid-ebb | WSD15 | DO (mg/L) | 6.36 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 25 Nov 2011, the major marine activities was installation of berm blocks where at the Open Channel U. Contractor responsible for the maintenance silt screen at WSD15 was recommended to increase the frequency of silt screen cleaning work Remarks / Other Obs: In view that WSD15 was located in upstream of the Project during flood tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 8.41 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 15.00 | 13.00 | 14.43 | |
| X_W289 | 25-Nov-11 | Mid-ebb | WSD20 | DO (mg/L) | 5.87 | 3.66 | 3.28 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checking with Contractor's records, there were drilling and installation pipe pile at land area, installation sheet pile wall at sea where are located in Tsim Sha Shui. Remarks / Other Obs: In view that WSD20 was located in upstream of the Project during ebb tide and the water quality at monitoring stations located nearest the marine work site were well below the Action level, the exceedance was definitely non-works related under the Project. |
| | | | | Turbidity | 6.96 | 8.04 | 9.49 | |
| | | | | Suspended Solid | 16.00 | 13.00 | 14.43 | |



| Ref no. | Date | Tidal | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action |
|----------|-----------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_10C328 | 28-Oct-11 | Mid-flood | C7 | DO (mg/L) | 3.71 | 3.36 | 2.73 | Possible reason: Possible caused by the accumulation of particles inside the silt screen Action taken / to be taken: Checked with the contractor marine work activities on 28 Oct 2011, the major marine activity was only removal of sinkers and wires at south-west corner of CBTS. No adverse water impact is anticipated during this work. According to Contractor daily inspection record, condition of silt screen was checked and cleaning work for the silt screen was conducted at the same day. |
| | | | | Turbidity (NTU) | 20.13 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 17.50 | 15.00 | 22.13 | Remarks / Other Obs: No consecutive SS and turbidity exceedance were recorded in the next monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered due to the possible caused by the accumulation of particles inside the silt screen and not related to the Project works. |
| X_10C329 | 1-Nov-11 | Mid-flood | C7 | DO (mg/L) | 5.66 | 3.36 | 2.73 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 1 Nov Oct 2011, the major marine activities were general land filling works at TCBR1w and dredging at southwest corner. Daily dredging rate on 1 Nov is complied with the requirement of FEP-04/356/2009. According to Contractor daily inspection record, condition of silt screen and deployed silt curtain were checked and in proper condition. |
| | | | | Turbidity (NTU) | 8.89 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 15.50 | 15.00 | 22.13 | Remarks / Other Obs: No consecutive SS exceedance was recorded in the next monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered due to the natural variation and not related to the Project works. |
| X_10C330 | 1-Nov-11 | Mid-flood | C4w | DO (mg/L) | 5.69 | 3.36 | 2.73 | Possible reason: Possible caused by the accumulation of particles inside the silt screen Action taken / to be taken: Immediate repeated measurements was conducted to confirm the exceedances. Notification of exceedances were immediately provided to Contractor of HK/2009/02, RE and IEC when the exceedances were recorded. Additional turbidity measurement was immediately taken outside the silt screen at intake when the Action Level or Limit Level exceedance was recorded inside the silt screen. The turbidity levels outside the silt screen was 6.25NTU. Investigation indicated that the turbidity levels outside the silt screen was lower than the Action Level. Checking with Contractor works, there were marine pile Concreting Work in New Ferry Pier Area, erection of Steel Working Platform for G.I. at Temporary sheet pile wall at WCR2, dredging in Submarine Outfall Area and disposal of Sorted Public Fill through the temporary jetty conducted. Contractor's daily records were also checked. The frame type silt screen at intake and silt curtain along the western seawall were deployed. Both silt screen and silt curtains were in proper condition in their daily inspection and during the water monitoring.. |
| | | | | Turbidity (NTU) | 13.73 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 20.50 | 15.00 | 22.13 | Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered to be possible caused from the accumulation of particles inside the silt screen and not related to the Project works. |
| X_10C331 | 3-Nov-11 | Mid-flood | C9 | DO (mg/L) | 4.72 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 3 Nov 2011, the major marine activities were painting for slotted panels where on top of installed caisson seawalls and Backfilled the general fill material where in front of the substation of HKE and Open Channel U. The silt curtain was in proper condition during the monitoring. |
| | | | | Turbidity (NTU) | 11.23 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 15.00 | 15.00 | 22.13 | Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were considered to be caused from the accumulation of particles discharged from the outfalls near monitoring station and not related to the Project works. |



| Ref no. | Date | Tidal | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action |
|----------|-------------------|-----------|----------|-------------------|----------|--------------|-------------|---|
| X_10C332 | 3-Nov-11 | Mid-flood | C8 | DO (mg/L) | 5.57 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 3 Nov 2011, the major marine activities were painting for slotted panels where on top of installed caisson seawalls and Backfilled the general fill material where in front of the substation of HKE and Open Channel U. The silt curtain was in proper condition during the monitoring. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 11.88 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 15.50 | 15.00 | 22.13 | |
| X_10C333 | 5-Nov-11 | Mid-flood | C8 | DO (mg/L) | 5.35 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 5 Nov 2011, the major marine activities were formworks erection for sealing off the gaps between slotted panels & caissons at the top slab of installed caisson seawalls and backfilled the general fill material where next to the Open Channel U and in front of the substation of HKE. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.84 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 13.00 | 15.00 | 22.13 | |
| X_10C334 | 7-Nov-11 | Mid-flood | C9 | DO (mg/L) | 5.43 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 7 Nov 2011, the major marine activities were bar fixing for slotted panels where on top slab of installed caisson seawalls and backfilled the general fill material where next to the Open Channel U. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.26 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 13.50 | 15.00 | 22.13 | |
| X_10C335 | 7-Nov-11 | Mid-flood | C8 | DO (mg/L) | 5.68 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 7 Nov 2011, the major marine activities were bar fixing for slotted panels where on top slab of installed caisson seawalls and backfilled the general fill material where next to the Open Channel U. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.75 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 13.00 | 15.00 | 22.13 | |
| X_10C336 | 7-Nov-11 | Mid-ebb | C8 | DO (mg/L) | 5.79 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 7 Nov 2011, the major marine activities were bar fixing for slotted panels where on top slab of installed caisson seawalls and backfilled the general fill material where next to the Open Channel U. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.55 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 12.50 | 15.00 | 22.13 | |
| X_10C337 | 9-Nov-11 1:19 | Mid-ebb | C8 | DO (mg/L) | 7.17 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor, there was no marine work conducted on 9 Nov during ebb tide. Remarks / Other Obs: In view that no any marine work conducted, the exceedances were 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) | 9.53 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 10.00 | 15.00 | 22.13 | |
| X_10C338 | 12-Nov-11 2:17 | Mid-ebb | C3 | DO (mg/L) | 6.59 | 3.36 | 2.73 | Possible reason: Accumulation of particles from outfalls near monitoring station or the variation of the ambient change Action taken / to be taken: Checking with Contractor's works on 12 Nov 2011, there was no marine works conducted at that night. The silt screen and silt curtain were observed in proper condition during monitoring. Remarks / Other Obs: In view that no any marine work was conducted, it was concluded not related to the Project. |
| | | | | Turbidity (NTU) | 10.90 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 26.50 | 15.00 | 22.13 | |
| X_10C339 | 14-Nov-11 | Mid-flood | C8 | DO (mg/L) | 4.82 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 14 Nov 2011, the major marine activities were renovation works such as painting for damaged concrete where on top of installed caisson seawalls and preparation works for installation of berm blocks where next to the Open Channel U. The silt curtain was observed in proper condition during the site inspection on 16 Nov. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 11.88 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 18.00 | 15.00 | 22.13 | |



| Ref no. | Date | Tidal | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action |
|----------|--------------------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_10C340 | 14-Nov-11 10:57 | Mid-flood | C5w | DO (mg/L) | 5.84 | 3.36 | 2.73 | Possible reason: Accumulation of particles inside the silt screen was observed during water monitoring Action taken / to be taken: Notification of exceedances were immediately provided to Contractor of HK/2009/02, RE and IEC when the exceedances were recorded. Checking with Contractor works, there were installation of fabricated reinforcement cage inside the pile shaft of pitched pile casings in new ferry pier area, installation of steel base plates on the existing seawall in WCR2 and installation of submarine outfall (HDPE) pipe in submarine outfall area. Other than that, Contractor's inspection records were checked. It shows that silt curtain deployed along the western seawall and silt screen were in proper condition in their daily inspection. It was also observed in proper condition during water monitoring. Nevertheless, Contractor was reminded to take remedial action to avoid the possible water quality impact arising from the silty water seepage from the seawall gap at western seawall. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered to be caused from the accumulation of particles inside the silt screen and not related to the Project works. |
| | | | | Turbidity (NTU) | 4.33 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 21.00 | 15.00 | 22.13 | |
| X_10C341 | 16-Nov-11 | Mid-flood | C7 | DO (mg/L) | 5.63 | 3.36 | 2.73 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 16 Nov 2011, there was only the rectification work of the collapsed seawall blocks conducted on that day. No more filling works was conducted at TS4. the collapsed seawall zone has been surrounded by rows of silt curtains. A site inspection was conducted at the same day, no muddy water spillage was observed. The silt curtain and silt screen were in proper condition during the monitoring. Remarks / Other Obs: No consecutive turbidity exceedance was recorded in the next monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered due to the natural variation and not related to the Project works. |
| | | | | Turbidity (NTU) | 10.63 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 14.00 | 15.00 | 22.13 | |
| X_10C342 | 18-Nov-11 | Mid-flood | C7 | DO (mg/L) | 5.72 | 3.36 | 2.73 | Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 18 Nov 2011, there was only the rectification work of the collapsed seawall blocks conducted on that day. No more filling works was conducted at TS4. the collapsed seawall zone has been surrounded by rows of silt curtains. The silt curtain and silt screen were in proper condition during the monitoring. Remarks / Other Obs: No consecutive SS exceedance was recorded in the next monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedances were considered due to the natural variation and not related to the Project works. |
| | | | | Turbidity (NTU) | 6.56 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 16.50 | 15.00 | 22.13 | |
| X_10C343 | 21-Nov-11 | Mid-flood | C9 | DO (mg/L) | 6.27 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 21 Nov 2011, the major marine activities was preparation works for installation of berm blocks where next to the Open Channel U. No any exceedance was recorded at C8 which is the closest station to the works area mentioned above. Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 10.26 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 15.00 | 15.00 | 22.13 | |
| X_10C344 | 23-Nov-11 | Mid-flood | C9 | DO (mg/L) | 5.80 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 23 Nov 2011, no marine work was conducted on that day Remarks / Other Obs: In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.27 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 11.00 | 15.00 | 22.13 | |



| Ref no. | Date | Tidal | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action |
|----------|-----------|-----------|----------|-------------------|----------|--------------|-------------|--|
| X_10C345 | 23-Nov-11 | Mid-flood | C8 | DO (mg/L) | 6.22 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 23 Nov 2011, no marine work was conducted on that day Remarks / Other Obs: No further exceedance was recorded in the net consecutive monitoring. In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 10.02 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 13.00 | 15.00 | 22.13 | |
| X_10C346 | 25-Nov-11 | Mid-flood | C9 | DO (mg/L) | 5.57 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 25 Nov 2011, the major marine activities was installation of berm blocks where at the Open Channel U. Remarks / Other Obs: No further exceedance was recorded in the net consecutive monitoring. In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.71 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 16.00 | 15.00 | 22.13 | |
| X_10C347 | 25-Nov-11 | Mid-flood | C8 | DO (mg/L) | 5.55 | 3.36 | 2.73 | Possible reason: Accumulation of particles discharged from outfalls near monitoring station Action taken / to be taken: Checked with the contractor marine work activities on 25 Nov 2011, the major marine activities was installation of berm blocks where at the Open Channel U. Remarks / Other Obs: No further exceedance was recorded in the net consecutive monitoring. In view that proper silt curtain was in proper condition during monitoring, the exceedances were 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) | 9.00 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 16.00 | 15.00 | 22.13 | |
| X_10C348 | 25-Nov-11 | Mid-ebb | C5w | DO (mg/L) | 5.67 | 3.36 | 2.73 | Possible reason: Accumulation of particles inside the silt screen was observed during water monitoring Action taken / to be taken: Notification of exceedances were immediately provided to Contractor of HK/2009/02, RE and IEC when the exceedances were recorded. Contractor works and Contractor's daily records were also checked. The frame type silt screen at intake and silt curtain along the western seawall were deployed. Both silt screen and silt curtains were in proper condition in their daily inspection and during the water monitoring. Nevertheless, Contractor was advised to increase the frequency for the removal of floating debris when necessary. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that proper silt curtain and silt screen were in proper condition during monitoring, the exceedance was considered to be caused from the accumulation of particles inside the silt screen and not related to the Project works. |
| | | | | Turbidity (NTU) | 2.76 | 9.1 | 10.25 | |
| | | | | SS (mg/L) | 18.00 | 15.00 | 22.13 | |



| Ref. No. | Date | Time | Location | Construction Noise Level | Unit | Action Level | Limit Level | Follow-up action |
|----------|-----------|-------|----------------------------------|--------------------------|------------|---|-------------|--|
| X_10N074 | 31-Oct-11 | 21:31 | M1a - Harbour Road Sports Centre | 71 | Leq(5-min) | when one documented complaint | 70 | <p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p> |
| X_10N075 | 8-Nov-11 | 20:35 | M1a - Harbour Road Sports Centre | 76 | Leq(5-min) | when one documented complaint | 70 | <p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p> <p>Remarks / Other Obs: The limit level exceedance was due to drilling and breaking works with no noise barrier. The effectiveness of the mitigation measures adopted would be closely monitored in coming scheduled noise monitoring dates to prevent further occurrence of exceedance</p> |
| X_10N077 | 15-Nov-11 | 19:21 | M1a - Harbour Road Sports Centre | 72 | Leq(5-min) | when one documented complaint was received. | 70 | <p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: Construction work for Contract no. HK/2009/02 was complied with the conditions under valid Construction Noise Permit no. GWR50983-11 during the measurement; It is concluded that the exceedance was not due to the Project.</p> |
| X_10N078 | 21-Nov-11 | 21:08 | M2b - Noon day gun | 73 | Leq(5-min) | when one documented complaint | 70 | <p>Possible reason: Traffic noise from Victoria Park Road contributed as a noise source during monitoring.</p> <p>Action taken / to be taken: Analysis of contractor's working procedure and plant group used.</p> <p>Remarks / Other Obs: The rectification work for Contract no. HY/2009/15 was complied with the conditions under valid Construction Noise Permit no. GW-RS1021-11 during the measurement. It was considered the exceedance was not project related.</p> |
| X_10N079 | 21-Nov-11 | 20:39 | M1a - Harbour Road Sports Centre | 74 | Leq(5-min) | when one documented complaint was received. | 70 | <p>Possible reason: Noisy traffic noise from Tonnochy Road and noise from training activities at swimming pool were contributed in the noise monitoring.</p> <p>Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station.</p> <p>Remarks / Other Obs: No construction work for Contract no. HK/2009/02 was conducted during the measurement; It is concluded that the exceedance was not due to the Project.</p> |