

Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N114	29-Jan-13	10:24	M1a-Habour Road Sports Centre	79	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Non CWB project drilling works were observed at the podium directly below the noise monitoring location and considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Filling work for Contract no.HK/2009/01 and ground investigation works for Contract no. HK/2009/02 were conducted during the measurement. It was observed that the non - CWB project drilling operation was a major noise source during monitoring. It is concluded that the exceedance is not project related.</p>
X_10N115	29-Jan-13	15:18	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Mitigation measures by contractor was confirmed in place.</p> <p>Remarks / Other Obs: Although socket H-piling 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_10N116	7-Feb-13	15:15	M6 - HK baptist Church henrietta Secondary School	70	Leq(30-min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Mitigation measures by contractor was confirmed in place.</p> <p>Remarks / Other Obs: Although socket H-piling and grouting 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 is not due to project but to traffic noise nearby.</p>
X_10N117	15-Feb-13	15:10	M6 - HK baptist Church henrietta Secondary School	69	Leq(30-min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No 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_10N118	19-Feb-13	16:00	M6 - HK baptist Church henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No work 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_10N119	26-Feb-13	15:00	M6 - HK baptist Church henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No work 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>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W407	1-Feb-13	Mid-Ebb	WSD19	DO(mg/L)	7.19	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: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 01 Feb 2012 filling work on East Bridge and backfilling of Armour Rock for CHWM were conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on that day. 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.
				Turbidity	8.15	8.04	9.49	
				SS	14.50	13.00	14.43	
X_W408	4-Feb-13	Mid-Ebb	WSD21	DO(mg/L)	5.67	3.66	3.28	Possible reason: Possible in relation to cleaning of screen panels at WSD intake was recorded on 4 Feb 2013. Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 04 Feb 2013, No marine work was conducted. Checking with the contractor's record, cleaning screen panel at WSD intake was conducted on that day. Remarks / Other Obs: The exceedances was possibly due to cleaning of screen panels beside the WSD intake. Materials from the cleaning of screen panels was unavoidably collected during monitoring. The exceedance was considered as not project related.
				Turbidity	16.75	8.04	9.49	
				SS	28.50	13.00	14.43	
X_W409	16-Feb-13	Mid-Ebb	WSD19	DO(mg/L)	7.23	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 works on 16 Feb 2012 filling work on East Bridge and backfilling for CHWM were conducted on that day. Checking with contractor's inspection record, the silt screen was in proper condition on that day. 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.
				Turbidity	9.42	8.04	9.49	
				SS	11.50	13.00	14.43	

Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D218	1-Feb-13	Mid-Flood	Ex-WPCWA SE	Surface	DO(mg/l)	4.21	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 1 Feb 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_10D219	1-Feb-13	Mid-Flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.02	5.36	5.35	<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 1 Feb 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_10D220	1-Feb-13	Mid-Flood	Ex-WPCWA SW	Bottom	DO(mg/l)	4.10	4.71	4.63	<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 1 Feb 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_10D221	1-Feb-13	Mid-Flood	C7	Middle	DO(mg/l)	3.79	3.87	3.09	<p>Possible reason: Possible in relation to the low flow near the intake</p> <p>Action taken / to be taken: Immediate repeated measurements had conducted to confirm the exceedances. No odour nuisance was detected during the DO monitoring. Checked with Contractor works, there were no marine activities conducted on 1 Feb 2013. Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection. The silt curtain was also observed in proper condition during site inspection on 1 Feb 2013.</p> <p>Remarks / Other Obs: In view that there was no odour was detected during monitoring, it was considered not related to Project works.</p>
X_10D222	4-Feb-13	Mid-Flood	Ex-WPCWA SE	Bottom	DO(mg/l)	4.42	5.36	5.35	<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 4 Feb 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_10D223	18-Feb-13	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	4.23	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 18 Feb 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_10C521	28-Jan-13	Mid-Flood	C5w	DO(mg/L)	7.66	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 28 Jan 2013, no marine work was conducted during monitoring. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.	
				Turbidity	9.78	9.10	10.25		Action taken / to be taken:
				SS	7.00	15.00	22.13		Remarks / Other Obs:
X_10C522	4-Feb-13	Mid-Ebb	C5e	DO(mg/L)	6.13	3.36	2.73	Possible reason: Possible in relation to cleaning of screen panels at SHK and Wan Chai WSD Pumping Station was recorded on 4 Feb. Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 4 Feb 2013, no marine work was conducted during monitoring. The exceedances was possibly due to cleaning of screen panels at the pumping station. Materials from the cleaning of screen panels was unavoidably collected during monitoring. The exceedance was considered as not related to project works.	
				Turbidity	54.93	9.10	10.25		Action taken / to be taken:
				SS	73.50	15.00	22.13		Remarks / Other Obs:



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C523	4-Feb-13	Mid-Ebb	C8	DO(mg/L)	7.34	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall Action taken / to be taken: Immediate repeated measurement was conducted to confirm the exceedances. Confirmed with Contractor that no marine works were performed that day. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that 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.
				Turbidity	9.99	9.10	10.25	
				SS	6.00	15.00	22.13	
X_10C524	6-Feb-13	Mid-Flood	C9	DO(mg/L)	6.87	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall Action taken / to be taken: Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 6 Feb 2013, Socket H Pile and Grabbing was conducted at pier F12 during monitoring. Checking with contractor's inspection record, the silt curtain were in proper condition on that day. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that contractor of HY/2009/19 confirmed that Socket H Pile and Grabbing was performed at pier F12 during time of monitoring. Checking with contractor's inspection record, the silt curtain were in proper condition on that day. The exceedance was considered to be caused from the accumulation of particles discharged from the outfalls near monitoring station and not related to the Project works.
				Turbidity	8.39	9.10	10.25	
				SS	15.50	15.00	22.13	
X_10C525	18-Feb-13	Mid-Flood	C3	DO(mg/L)	3.3	3.36	2.73	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 18 Feb 2013, backfilling on CHWM and filling work on East Bridge was conducted during monitoring. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day. Remarks / Other Obs: 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.
				Turbidity	0.78	9.10	10.25	
				SS	2.00	15.00	22.13	
X_10C526	18-Feb-13	Mid-Flood	C8	DO(mg/L)	7.24	3.36	2.73	Possible reason: Accumulation of unknown particles from nearby outfall Action taken / to be taken: Immediate repeated measurement was conducted to confirm the exceedances. Confirmed with Contractor that no marine works were performed that day. Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that 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.
				Turbidity	9.47	9.10	10.25	
				SS	9.50	15.00	22.13	



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C527	18-Feb-13	Mid-Ebb	C8	DO(mg/L)	5.47	3.36	2.73	Possible reason:
				Turbidity	11.13	9.10	10.25	Action taken / to be taken:
				SS	8.50	15.00	22.13	Remarks / Other Obs:
Accumulation of unknown particles from nearby outfall Immediate repeated measurement was conducted to confirm the exceedances. Confirmed with Contractor that no marine works were performed that day. No further exceedance was recorded in the next consecutive monitoring. In view that 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.								
X_10C528	25-Feb-13	Mid-Flood	C9	DO(mg/L)	7.42	3.36	2.73	Possible reason:
				Turbidity	9.58	9.10	10.25	Action taken / to be taken:
				SS	8.50	15.00	22.13	Remarks / Other Obs:
Accumulation of unknown particles from nearby outfall Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 25 Feb 2013, Socket H Pile, Backfill gap and remove temp casing was conducted at pier F12 during monitoring. Checking with contractor's inspection record, the silt curtain were in proper condition on that day. No further exceedance was recorded in the next consecutive monitoring. In view that contractor of HY/2009/19 confirmed that Socket H Pile, Backfill gap and remove temp casing was performed at pier F12 during time of monitoring. Checking with contractor's inspection record, the silt curtain were in proper condition on that day. 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.								
X_10C529	25-Feb-13	Mid-Ebb	C5e	DO(mg/L)	7.29	3.36	2.73	Possible reason:
				Turbidity	9.92	9.10	10.25	Action taken / to be taken:
				SS	8.50	15.00	22.13	Remarks / Other Obs:
Possible in relation to cleaning of screen panels at SHK and Wan Chai WSD Pumping Station was recorded on 25 Feb 2013. Immediate repeated measurement was conducted to confirm the exceedances. Checking with contractor's works on 25 Feb 2013 ,no marine work was conducted during monitoring. The exceedances was possibly due to cleaning of screen panels at the pumping station. Materials from the cleaning of screen panels was unavoidably collected during monitoring. The exceedance was considered as not related to project works.								