



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N139	6-Sep-13	15:24	M6 - HK Baptist Church Henrietta Secondary School	73	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 including temporary noise barrier by contractor was confirmed in place.</p> <p>Remarks / Other Obs: Installation of falsework and formworkworks and demolish pile head concrete 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 was not due to project but to traffic noise nearby.</p>



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N140	10-Sep-13	14:30	M6 - HK Baptist Church Henrietta Secondary School	71	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.</p> <p>Remarks / Other Obs: Installation of falsework and formworkworks and Rebar-fixing 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 was not due to project but to traffic noise nearby.</p>



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N141	17-Sep-13	9:50	M6 - HK Baptist Church Henrietta Secondary School	71	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.</p> <p>Remarks / Other Obs: Installation of sealing panel and Rebar-fixing 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 was not due to project but to traffic noise nearby.</p>



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N142	26-Sep-13	13:15	M6 - HK Baptist Church Henrietta Secondary School	71	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.</p> <p>Remarks / Other Obs: Rebar-fixing, removal of crosshead formwork and hacking off pile head concrete 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>



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10C580	2-Sep-13	Mid-flood	C7	DO(mg/L)	2.73	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	1.76	11.35	12.71	Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 2 September 2013, no marine works in the vicinity of the monitoring location was conducted on that day. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.
				SS	<2	18.42	27.54	Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that the silt screen and silt curtain were in proper condition, the exceedance was considered not project related.
X_10C581	27-Sep-13	Mid-flood	C7	DO(mg/L)	2.55	3.02	2.44	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	1.76	11.35	12.71	Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 27 September 2013, no marine works in the vicinity of the monitoring location was conducted on that day. Checking with contractor's inspection record, the silt screen and silt curtain were in proper condition on that day.
				SS	<2	18.42	27.54	Remarks / Other Obs: No further exceedance was recorded in the next consecutive monitoring. In view that the silt screen and silt curtain were in proper condition, the exceedance was considered not project related.



Ref no.	Date	Tidal	Location	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D297	31-Aug-13	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	2.07	3.55	3.00	<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 31 Aug 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_10D298	31-Aug-13	Mid-Flood	Ex-WPCWA SW	Middle	DO(mg/l)	1.57	3.19	3.10	<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 31 Aug 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_10D299	2-Sep-13	Mid-Flood	C7	Middle	DO(mg/l)	2.64	3.31	2.57	<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: 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 2 Sep 2013. Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection.</p> <p>Remarks / Other Obs: In view that there was no marine activities at C7, it was considered not related to Project works.</p>
X_10D300	2-Sep-13	Mid-Flood	Ex-WPCWA SE	Middle	DO(mg/l)	2.43	3.55	3.00	<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 2 Sep 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_10D301	2-Sep-13	Mid-Flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.94	3.19	3.10	<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 2 Sep 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	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D302	2-Sep-13	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	3.55	3.55	3.00	<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 2 Sep 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_10D303	27-Sep-13	Mid-Flood	Ex-WPCWA SE	Surface	DO(mg/l)	2.97	3.55	3.00	<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 Sep 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_10D304	27-Sep-13	Mid-Flood	Ex-WPCWA SW	Middle	DO(mg/l)	2.96	3.19	3.10	<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 Sep 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_10D305	27-Sep-13	Mid-Flood	C7	Middle	DO(mg/l)	2.57	3.31	2.57	<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: 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 27 Sep 2013. Checking with the Contractor's daily records, silt screen at C7 was in proper condition in their daily inspection.</p> <p>Remarks / Other Obs: In view that there was no marine activities at C7, it was considered not related to Project works.</p>
X_10D306	27-Sep-13	Mid-Flood	Ex-WPCWA SE	Bottom	DO(mg/l)	2.96	3.76	3.76	<p>Possible reason: Possible in relation to the accumulation of organic particles discharged from culvert near monitoring station</p> <p>Action taken / to be taken: Repeated the measurement to confirm the result. No odour nuisance was noted during the DO monitoring. Checked with Contract works, there was no marine works undertaken at ex-WPCWA on 27 Sep 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	Depth	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_10D307	27-Sep-13	Mid-Ebb	Ex-WPCWA SW	Middle	DO(mg/l)	2.19	3.19	3.10	<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 Sep 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_10D308	27-Sep-13	Mid-Ebb	Ex-WPCWA SE	Middle	DO(mg/l)	2.48	3.55	3.00	<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 Sep 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_W446	31-Aug-13	Mid-Ebb	WSD21	DO(mg/L)	3.90	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	9.49	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 31 Aug 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	38.00	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_W447	2-Sep-13	Mid-Flood	WSD21	DO(mg/L)	3.95	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	6.80	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 2 Sep 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	25.50	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_W448	9-Sep-13	Mid-Ebb	WSD21	DO(mg/L)	3.73	3.17	2.63	Possible reason:	Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	6.43	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 9 Sep 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	21.00	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.

Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W449	13-Sep-13	Mid-Ebb	WSD21	DO(mg/L)	2.18	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	1.07	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 13 Sep 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	3.50	16.26	19.74	Remarks / Other Obs: To minimize the effect of DO level fluctuation during tidal movement, the contractor installed water diffuser at WQM monitoring station WSD21 for improving the DO since 21 August 2013. Water diffuser installed at WQM monitoring station WSD21 was found stabilizing the water quality the DO at normal level. Despite the water diffuser pumps was observed not operating during the monitoring, the operation of the diffuser was promptly restored. As no further exceedance was recorded in consecutive monitoring and no marine work was conducted on that day, the exceedances was considered not related to project.
X_W450	16-Sep-13	Mid-Flood	WSD21	DO(mg/L)	2.22	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	2.23	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 13 Sep 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	2.00	16.26	19.74	Remarks / Other Obs: To minimize the effect of DO level fluctuation during tidal movement, the contractor installed water diffuser at WQM monitoring station WSD21 for improving the DO since 21 August 2013. Water diffuser installed at WQM monitoring station WSD21 was found stabilizing the water quality the DO at normal level. Despite the water diffuser pumps was observed not operating during the monitoring, the operation of the diffuser was promptly restored. As no further exceedance was recorded in consecutive monitoring and no marine work was conducted on that day, the exceedances was considered not related to project.
X_W451	18-Sep-13	Mid-Ebb	WSD17	DO(mg/L)	5.59	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	11.13	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 22 June 2013, no marine work was conducted on that day.
				SS	18.50	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.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W452	21-Sep-13	Mid-Flood	WSD21	DO(mg/L)	3.14	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	5.50	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 21 Sep 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. As a purpose to increase the DO level contractor started installing water difussing pumps at WQM monitoring station WSD21 for improving the DO since 21 August 2013.
				SS	13.00	16.26	19.74	Remarks / Other Obs: Water difussing pumps installed at WQM monitoring station WSD21 by contractor was observed helping stabilize the water quality and the DO level back to acceptable level since 21 August 2013. DO level was observed started deterioration again since late September. Contractor was asked to review the circulation system on 8 Oct 2013. 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_W453	25-Sep-13	Mid-Flood	WSD19	DO(mg/L)	5.10	3.17	2.63	Possible reason: Silt screen cleaning at WSD salt water intake.
				Turbidity	15.26	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 25 Sep 2013 no marine works was conducted on that day.
				SS	18.00	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. Silt screen cleaning was conducted at the monitoring location by WSD.
X_W454	25-Sep-13	Mid-Ebb	WSD21	DO(mg/L)	2.11	3.17	2.63	Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station
				Turbidity	1.28	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 19 Aug 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. As a purpose to increase the DO level contractor started installing areation pumps at WQM monitoring station WSD21 for improving the DO since 21 August 2013.
				SS	<2	16.26	19.74	Remarks / Other Obs: Aeration pumps installed at WQM monitoring station WSD21 by contractor was observed helping stabilize the water quality and the DO level back to acceptable level since 21 August 2013. 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.



Ref no.	Date	Tidal	Location	Parameters (Unit)	Measured	Action Level	Limit Level	Follow-up action
X_W455	27-Sep-13	Mid-Ebb	WSD21	DO(mg/L)	2.70	3.17	2.63	<p>Possible reason: Natural variation or changes of water quality in the vicinity of the water quality monitoring station</p> <p>Action taken / to be taken: Immediate repeated in-situ measurements had conducted to confirm the exceedances. Checking with contractor's works on 19 Aug 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. As a purpose to increase the DO level contractor started installing aeration pumps at WQM monitoring station WSD21 for improving the DO since 21 August 2013.</p> <p>Remarks / Other Obs: Aeration pumps installed at WQM monitoring station WSD21 by contractor was observed helping stabilize the water quality and the DO level back to acceptable level since 21 August 2013. 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.</p>
				Turbidity	1.90	10.01	11.54	
				SS	2.50	16.26	19.74	